

**A techno-economic simulation model to reveal the relevance of construction process impact factors for External Thermal Insulation Composite System (ETICS)**

**Sulakatko, Virgo** World Academy of Science, Engineering and Technology. International journal of architectural and environmental engineering 2017 / [1] p <http://dai.waset.org/1307-6892/64692>

**Aadamaülikonnas tehokraatia**

**Paulus, Karin** Sirp 2019 / lk. 24-25 : fot <https://www.sirp.ee/s1-artiklid/arhitektuur/aadamaulikonnas-tehnokraatia/>  
[https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est)

**Aasta parim tehase maja : Timbeco toodetud moodullasteaed Kiili Vallas**

Ehitaja 2024 / lk. 32 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

**Aasta Tehasemaja 2024 parimad on selgunud**

moodnekodu.delfi.ee 2024 <https://moodnekodu.delfi.ee/artikkel/120317392/voitjad-aasta-tehasemaja-2024-parimad-on-selgunud>

**Absolute Dynamic Topography : corrected Nemo-Nordic Model for the Baltic Sea**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** 2023 <https://doi.org/10.17882/96784>

**Absolute dynamic topography through synergizing sea level data sources utilizing a common and stable reference surface**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-1756>

**Academic development support for implementing CDIO**

**Kase, Kärt; Kasuk, Tiina; Rüütman, Tiia; Sonk, Kaimo; Sell, Raivo; Annus, Ivar** 18th CDIO : International Conference : proceedings - full papers 2022 / p. 634-646 [https://en.ru.is/media/cdio2022/CDIO\\_2022\\_Proceedings.pdf](https://en.ru.is/media/cdio2022/CDIO_2022_Proceedings.pdf)

**Accelerated carbonation technology granulation of industrial waste : effects of mixture composition on product properties**

**Berber, Hakan; Tamm, Kadriann; Leinus, Mari-Liis; Kuusik, Rein, keemik; Tõnsuaadu, Kaia; Paaver, Peeter; Uibu, Mai** Waste management & research 2020 / p. 142-155 <https://doi.org/10.1177/0734242X19886646> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

**Accelerated carbonation treatment of industrial wastes: physicochemical, environmental and economic aspects = Tööstusjäätmete töötlemine kiirendatud karboniseerimismeetodil: füüsikalise-keemilised, keskkonnaalased ja majanduslikud aspektid**

**Berber, Hakan** 2020 <https://digikogu.taltech.ee/et/Item/e6d57289-35ba-46fc-9c05-c9ac6f982bf0>

**Accuracy assessment of RTK-GNSS equipped UAV conducted as-built surveys for construction site modelling**

**Varbla, Sander; Puust, Raido; Ellmann, Artu** Survey review 2021 / p. 477-492 <https://doi.org/10.1080/00396265.2020.1830544>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Accurate dynamic topography by satellite altimetry and marine geoid model**

**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** 13th Coastal Altimetry Workshop & Coastal Altimetry Training, 6-10 February 2023, Universidad de Cádiz, Spain : abstract 2023 / p. 36  
<https://www.coastalaltimetry.org/NikaWebsitePortal/coastal-altimetry-workshop/esa/ExtraContent/ContentSubPage?page=8&subPage=3>

**Accurate sea surface heights from Sentinel-3A and Jason-3 retracers by incorporating high-resolution marine geoid and hydrodynamic models**

**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Journal of geodetic science 2021 / p. 58-74  
<https://doi.org/10.1515/jogs-2020-0120> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Acoustic forward model for guided wave propagation and scattering in a pipe bend**

**Rasgado Moreno, Carlos Omar; Rist, Marek; Land, Raul; Ratassepp, Madis** Sensors 2022 / art. 486  
<https://doi.org/10.3390/s22020486> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Actual energy performance and indoor climate in Finnish NZEB daycare and school buildings**

**Ahmed, Kaiser; Hasu, Tero; Kurnitski, Jarek** Journal of building engineering 2022 / art. 104759  
<https://doi.org/10.1016/j.jobe.2022.104759> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Adding waste paper to clay plaster to raise its ability to buffer moisture**

**Nutt, Nele; Kubjas, Ardo; Nei, Lembit** Proceedings of the Estonian Academy of Sciences 2020 / p. 179-185 : ill  
<https://doi.org/10.3176/proc.2020.3.01> [https://kirj.ee/public/proceedings\\_pdf/2020/issue\\_3/proc-2020-3-179-185.pdf](https://kirj.ee/public/proceedings_pdf/2020/issue_3/proc-2020-3-179-185.pdf) [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Addressing housing needs of the displaced people promoting resilient and sustainable communities**

Jayakody, Chathurangane; Malalgoda, Chamindi Ishara; Amaratunga, Dilanthi; Haigh, Richard; Liyanage, Champika; Hamza, Mo; **Witt, Emlyn David Qivitoq**; Fernando, Nishara International Journal of Disaster Resilience in the Built Environment 2022 / p. 368-385 : ill <https://doi.org/10.1108/IJDRBE-09-2021-0124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Adoption of BIM-related international standards across Europe**

Sibenik, Goran; Mizumoto, Juliana; Bosche, Frederic; Meda, Pedro; **Puust, Raido**; Akbarieh, Arghavan; Bolpagni, Marzia Proceedings of the 2023 European Conference on Computing in Construction and the 40th International CIB W78 Conference 2023 / 7 p <https://doi.org/10.35490/EC3.2023.282>

### **Advanced digital technologies in the post-disaster reconstruction process—A review leveraging small language models**

**Rawat, Alok; Witt, Emlyn David Qivitoq**; Roumyeh, Mohamad; **Lill, Irene** Buildings 2024 / art. 3367 <https://doi.org/10.3390/buildings14113367>

### **Advanced solar envelope generation**

**De Luca, Francesco** Regenerative design in digital practice : a handbook for the built environment 2019 / p. 123-128 : ill [Regenerative...](#)

### **Advancements in underground mine surveys by using SLAM-enabled handheld laser scanners**

**Ellmann, Artu; Kütimets, Kaia; Varbla, Sander; Väli, Erik; Kanter, Sander** Survey review 2022 / p. 363-374 <https://doi.org/10.1080/00396265.2021.1944545> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Advances in climatic form finding in architecture and urban design**

**De Luca, Francesco** Energies 2023 / art. 3935 <https://doi.org/10.3390/en16093935> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Advances in European residential ventilation systems in nearly zero energy buildings**

**Kurnitski, Jarek** 39th AIVC : Smart ventilation for buildings : 7th TightVent : 5th Venticool Conference, 18-19 September, 2018, Antibes Juan-Les-Pins, France : [poster abstracts] 2018 / 26 p. : ill <http://aivc2018conference.org/>

### **Advantages of low-cost LiDAR sensors in surveying underground utility networks**

**Jerjomina, Angelina; Varbla, Sander** Tunnelling and underground space technology 2024 / art. 106325 <https://doi.org/10.1016/j.tust.2024.106325>

### **An affect-based built environment video analytics**

Kaklauskas, Arturas; Zavadskas, Edmundas Kazimieras; Bardauskiene, D.; **Ubarste, Ieva** Automation in Construction 2019 / art. 102888, 22 p. : ill <https://doi.org/10.1016/j.autcon.2019.102888>

### **Affective analytics of demonstration sites**

Kaklauskas, Arturas; Jokubauskas, D.; Cerkauskas, J.; Dzemyda, I.; **Ubarste, Ieva** Engineering applications of artificial intelligence 2019 / p. 346-372 : ill <https://doi.org/10.1016/j.engappai.2019.03.001>

### **Aggregate production from burnt oil shale and CO2 - an Estonian perspective**

**Berber, Hakan; Tamm, Kadriann; Leinus, Mari-Liis; Kuusik, Rein, keemik; Uibu, Mai** Oil Shale 2019 / p. 431-447 : ill <https://doi.org/10.3176/oil.2019.3.05> [http://www.kirj.ee/32493/?tpl=1061&c\\_tpl=1064](http://www.kirj.ee/32493/?tpl=1061&c_tpl=1064) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Aggregation ready flexibility management methods for mechanical ventilation systems in buildings**

**Maask, Vahur; Rosin, Argo; Korõtko, Tarmo; Thalfeldt, Martin; Syri, Sanna; Ahmadiyahangar, Roya** Energy and buildings 2023 / art. 113369, 14 p. : ill <https://doi.org/10.1016/j.enbuild.2023.113369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Aiming at the improvement of safety at Indian construction workplace**

Chellappa, Vigneshkumar; Salve, Urmi Ravindra; **Liias, Roode** 13th International Conference : Modern Building Materials, Structures and Techniques, May 16–17, 2019, Lithuania 2019 / p. 539-544 <https://doi.org/10.3846/mbmst.2019.110>

### **Ain Kendra : "Oleks vaja rohkem otsustamisjulgust."**

**Kendra, Ain** Ehitaja 2019 / lk. 18-20 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est) [https://artiklid.elnet.ee/record=b2876159\\*est](https://artiklid.elnet.ee/record=b2876159*est)

### **Ain Kendra ja Toomas Tiivel: Rail Balticu vead**

**Kendra, Ain**; Tiivel, Toomas, geenit. Postimees 2020 / ? <https://leht.postimees.ee/7022574/ain-kendra-ja-toomas-tiivel-rail-balticu-vead>

### **Ain Kendra: ekslikud laborikatsed suurendavad Rail Baltica jalajälge ja maksumust**

**Kendra, Ain** forte.delfi.ee 2024 [Ain Kendra: ekslikud laborikatsed suurendavad Rail Baltica jalajälge ja maksumust](#)

**Ain Kendra: naastrehvid – keelata või maksustada?**

**Kendra, Ain** Postimees 2020 / lk. 16 : portr <https://dea.digar.ee/article/postimees/2020/10/28/15.9>

**Ain Kendra: pikemate autorongide mõjust meie teedele**

**Kendra, Ain** err.ee 2024 [Ain Kendra: pikemate autorongide mõjust meie teedele](#)

**Ainult enda päikesepaneelidest jääb energiakindluse tagamiseks väheks**

**Raig, Tanel** TööstusEST 2020 / lk. 50-53 : fot [http://www.ester.ee/record=b4481084\\*est](http://www.ester.ee/record=b4481084*est) <https://toostusest.ee/uudis/2020/09/23/ainult-enda-paikesepaneelidest-jaab-energiakindluse-tagamiseks-vaheks/>

**Air change efficiency of room ventilation units**

**Mikola, Alo; Rehand, Juhan; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 01017, 8 p <https://doi.org/10.1051/e3sconf/201911101017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Air distribution and air handling unit configuration effects on energy performance in an air-heated ice rink arena**

**Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; Kurnitski, Jarek** Energy and technical building systems - scientific and technological advances 2020 / p. 32-52 : ill <https://doi.org/10.3390/books978-3-03928-179-4>

**Air distribution and air handling unit configuration effects on energy performance in an air-heated ice rink arena**

**Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; Kurnitski, Jarek** Energies 2019 / art. 693, 21 p. : ill <https://doi.org/10.3390/en12040693> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Air exchange of the hydraulic system with water-drag-driven dynamics**

**Laanearu, Janek** Proceedings 39th IAHR World Congress 2022 / p. 1797-1803 <https://doi.org/10.3850/IAHR-39WC2521711920222003>

**Air leakage levels in timber frame building envelope joints**

**Kalamees, Targo; Alev, Üllar; Pärnalaas, Mihkel** Building and environment 2017 / p. 121-129 : ill

<https://doi.org/10.1016/j.buildenv.2017.02.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Air leakage of joints filled with polyurethane foam**

**Hallik, Jaanus; Gustavson, Heleen; Kalamees, Targo** Buildings 2019 / art. 172, 15 p. : ill <https://doi.org/10.3390/buildings9070172>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Air leakages in air handling units with rotary heat exchanger : estimating extract air transfer to supply air flow**

**Simson, Raimo; Võsa, Karl-Villem; Kiil, Martin; Mikola, Alo; Kurnitski, Jarek** Healthy Buildings America 2021, Honolulu, Hawaii, USA, January 18-20, 2022 : virtual format 2022 / 2 p. : ill [https://hb2021-america.exordo.com/files/papers/309/final\\_draft/HB2021\\_AHU\\_air\\_leakages.pdf](https://hb2021-america.exordo.com/files/papers/309/final_draft/HB2021_AHU_air_leakages.pdf)

**Air pocket dynamics under bridging of stratified flow during rapid filling of a horizontal pipe**

**Kaur, Katrin; Laanearu, Janek; Annus, Ivar** Journal of hydraulic engineering 2023 / art. 04022030, 11 p. : ill

[https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0002021](https://doi.org/10.1061/(ASCE)HY.1943-7900.0002021) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Airborne laser scanning derived sea surface height datasets in the Gulf of Finland (10.05.2018)**

**Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** SEANO 2020 <https://doi.org/10.17882/76491>

**Airtightness improvement solutions for log wall joints**

**Alev, Üllar; Uus, Andres; Kalamees, Targo** Energy procedia 2017 / p. 861-866 : ill <https://doi.org/10.1016/j.egypro.2017.09.678> [Journal](#)

[metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Airtightness of cross-laminated timber envelopes : influence of moisture content, indoor humidity, orientation, and assembly**

**Kukk, Villu; Bella, Adeniyi; Kers, Jaan; Kalamees, Targo** Journal of building engineering 2021 / art. 102610

<https://doi.org/10.1016/j.jobe.2021.102610> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Airtightness of Estonian dwellings – median and base-values for heat loss estimation**

**Hallik, Jaanus; Kalamees, Targo; Pikas, Ergo** Journal of Physics: Conference Series 2023 / 9 p <https://doi.org/10.1088/1742-6596/2654/1/012063> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Ajalookirjanduse aastapreemia sai Epi Tohvri**

**Eesti Päevaleht** 2020 / Lk. 14 <https://dea.digar.ee/article/eestipaevaleht/2020/08/18/16.2>

**Ajaloolised katusekatted**

**Kalamees, Targo** Pööning : ajalooga majad, aiad ja disainiklassika 2020 / lk. 87-93 : fot [https://www.ester.ee/record=b4516546\\*est](https://www.ester.ee/record=b4516546*est)

## Ajaloolised katusekonstruktsioonid

**Kalamees, Targo** Pööning : ajalooga majad, aiad ja disainiklassika 2020 / lk. 86-90 : fot [https://www.ester.ee/record=b4516546\\*est](https://www.ester.ee/record=b4516546*est)

## Akadeemia 2017. aasta aruanne : president Tarmo Soomere [ettekanne Eesti TA üldkogu aastakoosolekul 20. apr. 2018]

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 46-48

## Akadeemia panustab õmblusteta ühiskonda

**Soomere, Tarmo** Sirp 2018 / lk. 72-74 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/akadeemia-panustab-omblusteta-uhiskonda/>

## Akadeemia presidendi [Tarmo Soomere] avakõne : [akadeemikukandidaatide konverentsil Eesti Teaduste Akadeemias 9. nov. 2018]

**Soomere, Tarmo** Eesti Teaduste Akadeemia sõnas ja pildis 2018 2019 / lk. 62 : ill

## Akadeemia tegevusest 2016. aastal : president Tarmo Soomere : [ettekanne Eesti TA üldkogu koosolekul 19. apr. 2017]

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 131-136

## Akadeemia uute liikmete valimisest. Lõppsõna : [Eesti TA presidendi sõnavõttud Eesti TA üldkogu aastakoosolekul 20. aprillil 2016]

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 144-148  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

## Akadeemik : auku energeetikaalases hariduses lapime 30 aastat

**Kurnitski, Jarek** aripaev.ee 2022 [Akadeemik: auku energeetikaalases hariduses lapime 30 aastat](http://aripaev.ee/2022/04/akadeemik-aku-energeetikaalases-hariduses-lapime-30-aastat/)

## Akadeemik Jarek Kurnitski pälvis Rydbergi kuldmedali

Uusen, Kaire Trialoog 2024 <https://trialoog.taltech.ee/akadeemik-jarek-kurnitski-palvis-rydbergi-kuldmedali/>

## Akadeemik Jarek Kurnitski: tahame olla maailma tipus, aga piirdume siiski külma kliimaga ehk troopikasse ei trügi

**Kurnitski, Jarek** digi.geenius.ee 2024 [Akadeemik Jarek Kurnitski: tahame olla maailma tipus, aga piirdume siiski külma kliimaga ehk troopikasse ei trügi](https://digi.geenius.ee/2024/04/akadeemik-jarek-kurnitski-tahame-olla-maailma-tipus-aga-piirdume-siiski-kylma-kliimaga-ehk-troopikasse-ei-trugi/)

## Akadeemik selgitab, kuidas käitada haiguspuhangu ajal ventilatsioonisüsteeme [Võrguväljaanne]

**Kurnitski, Jarek** novaator.err.ee 2020 / fot [Akadeemik selgitab, kuidas käitada haiguspuhangu ajal ventilatsioonisüsteeme](https://novaator.err.ee/2020/04/akadeemik-selgitab-kuidas-kaitada-haiguspuhangu-ajal-ventilatsioonisusteeme)

## Akadeemik Soomere miniloeng : Kuidas end veenda, et kliima soojeneb?

**Soomere, Tarmo** Õhtuleht 2018 / lk. 22 <https://www.oh tuleht.ee/loodus/905039/tarmo-soomere-miniloeng-kuidas-end-veenda-et-kliima-soojeneb>

## Akadeemik Soomere sai Klaipeda ülikooli audoktoriks

Õhtuleht 2018 / lk. 2

## Akadeemikud: V3 väljakutsete vanik [Võrguväljaanne]

**Soomere, Tarmo; Kurnitski, Jarek; Randma-Liiv, Tiina;** Vasar, Eero postimees.ee 2021  
<https://leht.postimees.ee/7192307/akadeemikud-v3-valjakutsete-vanik>

## Akende vale paigaldus võib rikkuda uutesse akendesse tehtud investeeringu

Martin, Anni; **Talvik, Martin** delfi.ee 2025 [Akende vale paigaldus võib rikkuda uutesse akendesse tehtud investeeringu](https://kliimaministeerium.ee/buildest/tehnilised-lahendused)  
<https://kliimaministeerium.ee/buildest/tehnilised-lahendused>

## Akna ja seina liitekooha soojuskao ja niiskusturvalisuse arvutuslik uuring : aruanne

**Hallik, Jaanus; Kalamees, Targo** 2020 <https://vbh.ee/wp-content/uploads/2020/10/Akna-seinakinnituse-kulmasildade-uuring.pdf>

## Aksel Jürgensonist

**Jürgenson, Toivo** 100 aastat TTÜ ehitusinseneri 2018 / lk. 473-475 : fot

## Algorithms for online CO2 baseline correction in intermittently occupied rooms

**Vihman, Lauri; Parts, Tuule Mall; Aljas, Hans Kristjan; Thalfeldt, Martin; Raik, Jaan** Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 1 2023 / p. 302-309 : ill <https://www.proceedings.com/content/070/070278webtoc.pdf>

## Allkirjastati roheasfaldi rakendusuuringu leping

Reinla, Siim Viimsi Teataja 2024 / Lk. 3 <https://dea.digar.ee/article/viimsiteataja/2024/03/08/4.3>

## Allveekustika [Võrguteavik] : terminoloogia = Underwater acoustics : terminology (ISO 18405:2017, identical)

2020 [https://www.ester.ee/record=b5352839\\*est](https://www.ester.ee/record=b5352839*est)

**Along-track satellite altimetry to identify coastal sea level dynamics using a synergized geodetic-oceanographic approach = Satelliitaltimetria pikiorbiitse andmestikuga rannikumere veetaseme dünaamika tuvastamine kasutades sünergilist geodeetilist-okeanograafilist meetodit**

**Mostafavi, Majid** 2024 [https://www.ester.ee/record=b5671644\\*est](https://www.ester.ee/record=b5671644*est) <https://doi.org/10.23658/taltech.11/2024>  
<https://digikogu.taltech.ee/et/Item/49eaa519-adfc-42a0-98dd-a69ba649331a>

**Alustas teedevaldkonna järelkasvuprojekt**

**Kask, Mihkel; Tammekivi, Jane-Ly; Peterson, Jan-Daniel** Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2022 / lk. 102-104 : fot <https://digiajakiri.transpordiamet.ee/view/1070695105/102/> [https://www.ester.ee/record=b5495900\\*est](https://www.ester.ee/record=b5495900*est)

**Ambitsioonikad taristueesmärgid - kas nende realiseerimiseks jagub ka ressursse?**

**Kendra, Ain** Transport ja Teed 2020 / lk. 33-34 [http://www.ester.ee/record=b1073099\\*est](http://www.ester.ee/record=b1073099*est)

**An assessment of the scope and effectiveness of soft measures to handle plastic pollution in the Baltic Sea Region**

Filho, Walter Leal; **Voronova, Viktoria; Barbir, Jelena**; Moora, Harri; **Klõga, Marija**; Kliučininkas, Linas; Klavins, Maris; Tirca, Diana-Mihaela Marine pollution bulletin 2024 / art. 117090 <https://doi.org/10.1016/j.marpolbul.2024.117090>

**An improved design models for fire ex-posed CLT floor elements**

Schmid, Joachim; Klippel, Michael; Frangi, Andrea; **Just, Alar; Tiso, Mattia**; Werther, Norman Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 72-73 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

**An Initial report on the effect of the fiber orientation on the fracture behavior of steel fiber reinforced self-compacting concrete**

**Herrmann, Heiko; Braunbrück, Andres; Tuisk, Tanel; Goidyk, Oksana; Naar, Hendrik** Short fibre reinforced cementitious composites and ceramics 2019 / p. 33-50 [https://doi.org/10.1007/978-3-030-00868-0\\_3](https://doi.org/10.1007/978-3-030-00868-0_3) [Article collection metrics at Scopus](https://www.scopus.com/article/details?id=54922111000) [Article at Scopus](https://www.scopus.com/article/details?id=54922111000)

**An overview of the most advanced frameworks for bridge asset management**

Matos, José C.; **Sein, Sander** [The 29th Baltic Road Conference : 27-30 August 2017 Tallinn] 2017 / 10 p. : ill [An overview...](http://hdl.handle.net/1822/46952)  
<http://hdl.handle.net/1822/46952>

**Analüüs : Eesti hoonefondi kaasajastamine nõuab 24 miljardit eurot [Võrguväljaanne]**

Oidermaa, Jaan-Juhan; **Kurnitski, Jarek** novaator.err.ee 2020 / fot [Analüüs: Eesti hoonefondi kaasajastamine nõuab 24 miljardit eurot](https://www.ester.ee/record=b5223461*est)

**Analüüs : mida me teame ja mida ei tea Tartu tselluloositehase mõjust Emajõe**

**Loigu, Enn** Eesti Ekspress 2018 / lk. 24-27 <https://ekspress.delfi.ee/artikkel/82174131/analuuus-mida-me-teame-ja-mida-ei-tea-tartu-tselluloositehase-mojust-emajoele>

**Analüüs uue puidust lignullenergiahoone kuluoptimaalsusest**

**Arumägi, Endrik** Kõik ärikinnisvarast : [ajalehe Äripäev lisa] 2021 / Lk. 10 [https://static-pdf.aripaev.ee/QddBW9e\\_Hq4l1zNz\\_G0UWVGUltE.pdf](https://static-pdf.aripaev.ee/QddBW9e_Hq4l1zNz_G0UWVGUltE.pdf) [https://www.ester.ee/record=b5223461\\*est](https://www.ester.ee/record=b5223461*est)

**Analysis of causes of the end of service life of a spray polyurethane foam and polyurea roof**

**Kalamees, Targo; Ilomets, Simo; Põldaru, Mattias; Klõšeiko, Paul; Kallavus, Urve; Rosenberg, Margit; Öiger, Karl** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 15002, 6 p. : ill <https://doi.org/10.1051/e3sconf/202017215002> [Conference proceedings at Scopus](https://www.scopus.com/article/details?id=54922111000) [Article at Scopus](https://www.scopus.com/article/details?id=54922111000) [Article at WOS](https://www.scopus.com/article/details?id=54922111000)

**Analysis of hull performance on fast patrol boat with an extended study of survivability under damaged conditions**

Pratama, Angga Sifta; Prabowo, Aditya Rio; Muhayat, Nurul; **Putranto, Teguh**; Tuswan, Tuswan IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012046 <https://doi.org/10.1088/1755-1315/1166/1/012046> [Conference Proceedings at Scopus](https://www.scopus.com/article/details?id=54922111000) [Article at Scopus](https://www.scopus.com/article/details?id=54922111000)

**Analysis of measures for managing issues in post-disaster housing reconstruction**

**Bilau, Abdulquadri Ade; Witt, Emlyn David Qivitoq; Lill, Irene** Buildings 2017 / art. 29, p. 1-26 : ill <https://doi.org/10.3390/buildings7020029> [Journal metrics at Scopus](https://www.scopus.com/article/details?id=54922111000) [Article at Scopus](https://www.scopus.com/article/details?id=54922111000)

**Analysis of the impact of predictive models on the quality of the model predictive control for an experimental building**

Proceedings of Building Simulation 2021: 17th Conference of IBPSA 2022 / p. 302-309 <https://doi.org/10.26868/25222708.2021.30566>

**Analysis of the systems of ventilation of residential houses of Ukraine and Estonia**

Savchenko, Olena; Zhelykh, Vasyt; **Voll, Hendrik** Current Issues of Civil and Environmental Engineering in Košice-Lviv-Rzeszow : book of extended abstracts 2017 / p. 1-4

**Analysis of the systems of ventilation of residential houses of Ukraine and Estonia**

Savchenko, Olena; Zhelykh, Vasyt; **Voll, Hendrik** Selected scientific papers - journal of civil engineering 2017 / p. 23-30 : ill <https://doi.org/10.1515/sspjce-2017-0015>

### **Analysis of various ventilation solutions for residential and non-residential buildings in Latvia and Estonia**

Zemitis, Jurgis; Borodinecs, Anatolijs; **Kalamees, Targo** Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March 2019 / p. 51-61  
[https://doi.org/10.1007/978-3-030-00662-4\\_5](https://doi.org/10.1007/978-3-030-00662-4_5)

### **Analyzing the fulfillment of daylight and overheating requirements in residential and office buildings in Estonia**

**Sepulveda Luque, Abel; De Luca, Francesco; Thalfeldt, Martin; Kurnitski, Jarek** Building and environment 2020 / art. 107036, 12 p <https://doi.org/10.1016/j.buildenv.2020.107036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Analytical modelling and prediction formulas for domestic hot water consumption in residential Finnish apartments**

**Ferrantelli, Andrea; Ahmed, Kaiser; Pylsy, Petri; Kurnitski, Jarek** Energy and buildings 2017 / p. 53-60 : ill  
<https://doi.org/10.1016/j.enbuild.2017.03.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Annual performance analysis of heat emission in radiator and underfloor heating systems in the European reference room**

**Vösa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 04009, 8 p <https://doi.org/10.1051/e3sconf/201911104009> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Application of deep conditional generative adversarial networks to fill the gaps of satellite altimetry-based absolute dynamic topography**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p <https://doi.org/10.57757/IUGG23-1627>

### **Application of equivalent single layer approach for ultimate strength analyses of ship hull girder**

**Putranto, Teguh; Körgesaar, Mihkel; Tabri, Kristjan** Journal of marine science and engineering 2022 / art. 1530  
<https://doi.org/10.3390/jmse10101530> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Application of Mindlin Theory to Describe the Scattering of Guided Waves From Notches in a Plate**

**Rasheed, Usman; Lints, Martin; Ratassepp, Madis** ASME 2022 49th Annual Review of Progress in Quantitative Nondestructive Evaluation (QNDE2022) 2022 <https://event.asme.org/Events/media/library/resources/qnde/QNDE-2022-Final-Program.pdf> <https://qnde.secure-platform.com/a/solicitations/178/sessiongallery/11537/application/98050>

### **Application of terrestrial laser scanning technology for engineering structure surveys = Terrestriiline laserskaneerimine ehituskonstruksioonide mõõdistamisel**

**Mill, Tarvo** 2017 <https://digi.lib.ttu.ee/i/?9118> [https://www.ester.ee/record=b4744263\\*est](https://www.ester.ee/record=b4744263*est)

### **Application potential of combining strain hardening cementitious composites and helical reinforcement for 3D concrete printed structures : case study of a spiral staircase**

**Hass, Lauri; Nefs, K.; Bos, F. P.; Salet, T. A. M.** Journal of building engineering 2023 / art. 107926  
<https://doi.org/10.1016/j.jobe.2023.107926> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Applications of airborne laser scanning for determining marine geoid and surface waves properties**

**Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** European journal of remote sensing 2021 / p. 558-568  
<https://doi.org/10.1080/22797254.2021.1981156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Applications of gas-phase ultraviolet photocatalytic oxidation technology in indoor environments**

**Palmiste, Ülar; Voll, Hendrik; Tang, Walter** Zhonghong Healthy Buildings 2017 Europe : July 2-5, 2017, Lublin, Poland 2017 / paper 0278, [6] p

### **Applying machine learning with satellite altimetry data for prediction of absolute dynamic topography for the Baltic Sea**

**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 26 l. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

### **Approach of an elevated criterion for frost resistance of concrete according to Estonian practice in concrete industry**

**Liisma, Eneli** Nordic Concrete Research : proceedings of XXIII Nordic Concrete Research Symposium : Aalborg, Denmark, 21-23 August, 2017 2017 / p. 153-156 : ill

### **Approaches to strengthen the social cohesion between displaced and host communities**

Jayakody, Chathurangane; Malalgoda, Chamindi; **Witt, Emlyn David Qivitoq** Sustainability 2022 / art. 3413  
<https://doi.org/10.3390/su14063413> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Architectural education : methods for integrating Climate Change Design (CCD) in the curriculum**

O'Dwyer, Sarah; Geoghegan, Emma; Nisonen, Essi; Castano-De La Rosa, Raul; Pelsmakers, Sofie; **Lykouras, Ioannis**; Donovan,

Elizabeth; Alvise Bragadin, Marco; Morganti, Caterina; Coraglia, Ugo Maria A Focus on Pedagogy : Teaching, Learning and Research in the Modern Academy 2023 / p. 167-189 : ill <https://amps-research.com/wp-content/uploads/2022/12/Amps-Proceedings-Series-28.2.pdf>

### **Are environmental sustainability and happiness the keys to prosperity in Asian nations?**

Kaklauskas, Arturas; Dias, W.P.S.; Binkyte-Veliene, Arune; Abraham, A.; **Ubarde, Ieva**; Randil, O.P.C.; **Lill, Irene**; **Puust, Raido** Ecological indicators 2020 / art. 106562, 33 p <https://doi.org/10.1016/j.ecolind.2020.106562> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Arengueesmärgid paika**

**Raud, Irina** Sirp 2017 / lk. 26-27 : ill <http://www.sirp.ee/s1-artiklid/arhitektuur/arengueesmargid-paika/>

### **Arhitekt Irina Raud Ugala teatrist : tehnika uueneb, atmosfäär jääb**

Rebane, Katariina; **Raud, Irina** Eesti Päevaleht 2017 / lk. 17 <https://epl.delfi.ee/artikkel/77560270/arhitekt-irina-raud-ugalast-tehnika-uueneb-atmosfaar-jaab>

### **Arhitekt Raine Karp = Architect Raine Karp**

Karp, Raine; Väljas, Mait; **Urbel, Emil** 2016 [http://www.ester.ee/record=b4563060\\*est](http://www.ester.ee/record=b4563060*est)

### **Arhitektid taas TTÜs**

**Raud, Irina** Uuele kvaliteedile ja väärikale positsioonile : Tallinna Tehnikaülikool 2000-2015 2018 / lk. 354-362 : fot [http://www.ester.ee/record=b4775778\\*est](http://www.ester.ee/record=b4775778*est) <https://digi.lib.ttu.ee/i/?10910>

### **Arhitektuurihariduse stalinistlikust korraldamisest Eestis 1944-1950**

**Hallas-Murula, Karin** Kunstiteaduslikke uurimusi = Studies on art and architecture = Studien für Kunstwissenschaft 2017 / lk. 58-83 <http://ktu.kty.ee/index.php?id=page&=est&cont=3> <https://www.proquest.com/docview/1985569894?sourcetype=Scholarly%20Journals> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Arhitektuurikoolide lõpuvile**

Kiivet, Elo Sirp 2019 / lk. 25-26 : fot [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est) <https://www.sirp.ee/s1-artiklid/arhitektuur/arhitektuurikoolide-lopuvile/>

### **Arhitektuurimuuseumi vestlussari võtab luuba alla muinsuskaitsealused elamud**

kultuur.err.ee 2024 [Arhitektuurimuuseumi vestlussari võtab luuba alla muinsuskaitsealused elamud](#)

### **Arhitektuuriõpe tagasi Tallinna Tehnikaülikooli**

**Raud, Irina** 100 aastat TTÜ ehitusinsenere 2018 / lk. 361-364

### **Arne Randlepp 80**

**Ellmann, Artu**; **Kala, Vello** Geodeet 2022 / lk. 84-85 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

### **Arno Kõorna : 2.II 1926-21.XII 2017**

**Soomere, Tarmo** Sirp 2018 / lk. 29 <https://www.sirp.ee/s1-artiklid/c21-teadus/arno-koorna-2-ii-1926-21-xii-2017/>

### **Arvamus. Rahvusoper Estonia juurdeehitus – müüdid ja tegelikkus?**

**Kuusemets, Jaan** err.ee 2024 [Arvamus. Rahvusoper Estonia juurdeehitus – müüdid ja tegelikkus?](#)

### **Arvamusfestival - olla või mitte olla**

**Kurnitski, Jarek** Mente et Manu 2017 / lk. 45 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2017/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html) [https://artiklid.elnet.ee/record=b2827021\\*est](https://artiklid.elnet.ee/record=b2827021*est)

### **Arvamusfestival : töö liginullenergiahoonetega ei lõpe aastal 2020**

Kiisler, Eva; Veske, Andres; **Kurnitski, Jarek**; Koit, Priit; Sillmann, Karin; Hani, Allan Ehitaja 2017 / lk. 17-18 : fot [https://artiklid.elnet.ee/record=b2824285\\*est](https://artiklid.elnet.ee/record=b2824285*est)

### **Arvate, et teile müüdi A-energiaklassi korter? Mõõtke uuesti**

Raig, Tanel arileht.delfi.ee 2023 [Arvate, et teile müüdi A-energiaklassi korter? Mõõtke uuesti](#)

### **Arvutuslik analüüs: Estonia vrakki kahjustas merepõhja pinnas = Analysis: MS Estonia wreck damaged after hitting seabed**

err.ee 2023 [Arvutuslik analüüs: Estonia vrakki kahjustas merepõhja pinnas](#) [Analysis: MS Estonia wreck damaged after hitting seabed](#) [Toorel jõul, mis Estonia külge pragusid rebis on lihtsam seletus, kui müstiline allveelaev](#)

### **Asfaldipäev 2017 : kumb siis - kas asfalt või betoon?**

**Kendra, Ain** Transport ja Teed 2017 / lk. 30-32 : fot [https://artiklid.elnet.ee/record=b2829614\\*est](https://artiklid.elnet.ee/record=b2829614*est)

### **Assembling sustainable smart city transitions : an interdisciplinary theoretical perspective**

**Mora, Luca;** Deakin, Mark; Zhang, Xiaoling; Batty, Michael; de Jong, Martin; Santi, Paolo; Appio, Francesco Paolo Journal of urban technology 2021 / p. 1-27 <https://doi.org/10.1080/10630732.2020.1834831> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Assessing the accuracy of EN ISO 13370 simplified method for edge insulation: A comparative analysis with steady-state and dynamic simulation models**

**Lomp, Siim; Kalamees, Targo; Hallik, Jaanus** Multiphysics and Multiscale Building Physics : Proceedings of the 9th International Building Physics Conference (IBPC 2024) ; Volume 1: Moisture and Materials 2025 / p. 533-539 [https://doi.org/10.1007/978-981-97-8305-2\\_75](https://doi.org/10.1007/978-981-97-8305-2_75)

### **Assessing the applicability of the European standard EN 17037:2018 for office spaces in a cold climate**

**Sepulveda Luque, Abel; De Luca, Francesco; Varjas, Toivo; Kurnitski, Jarek** Building and environment 2022 / art. 109602 <https://doi.org/10.1016/j.buildenv.2022.109602> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An assessment and quantification of sea surface currents using satellite altimetry, in-situ and hydrodynamic model data for the Gulf of Finland, Baltic Sea**

**Delpeche-Ellmann, Nicole Camille; Viikmäe, Bert; Pindsoo, Katri; Soomere, Tarmo** 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int/NikalWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

### **Assessment of along-normal uncertainties for application to terrestrial laser scanning surveys of engineering structures**

**Mill, Tarvo; Ellmann, Artu** Survey review 2019 / p. 1-16 : ill <https://doi.org/10.1080/00396265.2017.1361565> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Assessment of downward draught in high-glazing facades in cold climates – experimental and CFD study into draught control with a 21-type radiator**

**Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 02002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124602002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Assessment of durability of environmentally friendly wood-based panels**

**Kallavus, Urve; Järv, Hele; Kalamees, Targo; Kurik, Lembit** Energy procedia 2017 / p. 207–212 : ill <https://doi.org/10.1016/j.egypro.2017.09.756> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Assessment of hydrodynamic model sea level performance through Geoid-Referenced Tide-Gauge and Satellite Altimetry : poster**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Living Planet Symposium : Bonn, 23-27 May 2022 2022 / 1 p [https://express.converia.de/frontend/index.php?page\\_id=22633&additions\\_conferenceschedule\\_action=detail&additions\\_conferenceschedule\\_controller=paperList&pid=67257&hash=059b7410747f987290de47d36b5b6df4330fe4bcc6b23cd94277df52d3471105](https://express.converia.de/frontend/index.php?page_id=22633&additions_conferenceschedule_action=detail&additions_conferenceschedule_controller=paperList&pid=67257&hash=059b7410747f987290de47d36b5b6df4330fe4bcc6b23cd94277df52d3471105)

### **Assessment of marine geoid models by shipborne GNSS and airborne laser scanning profiles**

**Varbla, Sander; Ellmann, Artu** [EUREF2019 abstracts] 2019 / p. [59] <https://www.maaamet.ee/euref2019/EUREF2019-Abstracts.pdf>

### **Assessment of marine geoid models by ship-borne GNSS profiles**

**Varbla, Sander; Ellmann, Artu; Märdla, Silja;** Gruno, Anti Geodesy and cartography 2017 / p. 41-49 : ill <https://doi.org/10.3846/20296991.2017.1330771> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Assessment of marine geoid models by ship-borne GNSS profiles in the Gulf of Finland ; S3-P21**

**Varbla, Sander; Ellmann, Artu;** Gruno, Anti International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : “Gravity Field Of The Earth” : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 81

### **Assessment of moisture and mould of hempcrete and straw panels**

**Raamets, Jane; Lokko, Laura; Ruus, Aime; Kalamees, Targo; Muoni, Karin** Journal of physics : conference series 2021 / art. 012194, p. 1-3 <https://doi.org/10.1088/1742-6596/2069/1/012194> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Assessment of SARS-CoV-2 transmission in room with mixing ventilation using CO2 tracer gas technique**

**Simson, Raimo; Kiil, Martin; Võsa, Karl-Villem; Kesküll, Andre; Kurnitski, Jarek** Healthy Buildings America 2021, Honolulu, Hawaii, USA, January 18-20, 2022 : virtual format 2022 / 2 p. : ill [https://hb2021-america.exordo.com/files/papers/397/final\\_draft/HB2021\\_SARS-CoV-2\\_infection\\_risk.pdf](https://hb2021-america.exordo.com/files/papers/397/final_draft/HB2021_SARS-CoV-2_infection_risk.pdf)

### **Assessment of strength and stiffness properties of aged structural timber**

**Kauniste, Maarja; Just, Alar; Tuhkanen, Eero** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 170-171 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> [https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

### **Assessment of the potential of reconstruction of historic buildings**



Liiva, Elina; Rummo, Helena; Ambrozevits, Kateriin; Ojari, Andres; **Kalamees, Targo; Lomp, Siim** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 208-209  
<https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> [https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

**Assessment of the proportion of anthropogenic underwater noise levels in passive acoustic monitoring**  
**Mustonen, Mirko; Klauson, Aleksander; Berdnikova, Julia; Tommingas, Mihkel** Proceedings of Meetings on Acoustics 2018 / art. 070003, 10 p.: ill <https://doi.org/10.1121/2.0000939>

**Assessment of the renovation need, material authenticity, and the cultural and environmental value of historic apartment building neighbourhoods**  
Liiva, Elina; Rummo, Helena; Ambrozevits, Kateriin; Ojari, Andres; **Lomp, Siim; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2024 / p. 53-67 <https://doi.org/10.5755/j01.sace.35.2.35747>

**Assessment on strength and stiffness properties of aged structural timber**  
**Kauniste, Maarja; Just, Alar; Tuhkanen, Eero; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2024 / p. 62-74 <https://doi.org/10.5755/j01.sace.34.1.35534>

**Automatic calibration module for an urban drainage system model**  
**Annus, Ivar; Vassiljev, Anatoli; Kändler, Nils; Kaur, Katrin** Water 2021 / art. 1419 <https://doi.org/10.3390/w13101419> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Automatic calibration toolbox for SWMM5**  
**Vassiljev, Anatoli; Suits, Kristjan; Kaur, Katrin; Kändler, Nils; Truu, Murel; Annus, Ivar** Advances in engineering software 2023 / art. 103528 <https://doi.org/10.1016/j.advengsoft.2023.103528> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Automatic detection of real and imaginary parts of electrical impedance with single synchronous demodulation channel**  
**Annus, Paul; Priidel, Eiko; Land, Raul; Metshein, Margus; Krivošei, Andrei; Min, Mart; Ratassepp, Madis; Märten, Olev** 8th European Medical and Biological Engineering Conference : Proceedings of the EMBEC 2020, November 29 - December 3, 2020 Portorož, Slovenia 2021 / p. 151-157 [https://doi.org/10.1007/978-3-030-64610-3\\_18](https://doi.org/10.1007/978-3-030-64610-3_18) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Avaldati nakatumisriskil põhinev ventilatsiooni projekteerimisjuhise**  
**Kurnitski, Jarek** EhitusEST 2023 / lk. 38-39 : fot [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est)

**Avasõna. Akadeemikute valimisest. Lõppsõna : [Eesti TA presidendi Tarmo Soomere sõnavõttud Eesti TA üldkogu istungil 7. detsembril 2016]**  
**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 149-153 [http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

**Balti Teede konverents teadlase pilgu läbi**  
**Aavik, Andrus** Teeleht 2017 / lk. 102 : fot [https://artiklid.elnet.ee/record=b2827882\\*est](https://artiklid.elnet.ee/record=b2827882*est)

**Barotropic trends through the Barents Sea opening for the period 1975–2021**  
**Jahanmard, Vahidreza; Löptien, Ulrike; Sandø, Anne Britt; Gierisch, Andrea M. U.; Dietze, Heiner; Lien, Vidar; Delpeche-Ellmann, Nicole Camille; Hordoir, Robinson** Journal of Geophysical Research: Oceans 2025 / art. e2024JC021663  
<https://doi.org/10.1029/2024JC021663>

**Basic solutions for the renovation of lightweight brick walls of Estonian detached houses**  
**Suvalov, Mihhail; Lomp, Siim; Kalamees, Targo** 2nd International Conference on Moisture in Buildings (ICMB23), online, 3-4 July 2023 2023 / 2 p <https://doi.org/10.14293/ICMB230051>

**Behavior of fin-plate connection of a composite beam subjected to different fire scenarios**  
Sakr, Mohamed; Lu, Wei; **Talvik, Ivar**; Puttonen, Jari Rakenteiden mekaniikka = Journal of structural mechanics 2024 / 23 p <https://doi.org/10.23998/rm.137617>

**Benchmark of methods for annual glare risk assessment**  
**Sepulveda Luque, Abel**; Bueno, Bruno; Wang, Taoning; Wilson, Helen Rose Building and environment 2021 / art. 108006  
<https://doi.org/10.1016/j.buildenv.2021.108006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Benchmarking the measured energy use of Nordic residential buildings and their Zero Energy-readiness**  
**Ferrantelli, Andrea; Thalfeldt, Martin; Kurnitski, Jarek** 2022: CLIMA 2022 The 14th REHVA HVAC World Congress 2022 / p. 1-8  
<https://doi.org/10.34641/clima.2022.171>

**Bending and pull-out tests on a novel screw type reinforcement for extrusion-based 3D printed concrete**  
**Hass, Lauri**; Bos, Freek Second RILEM International Conference on Concrete and Digital Fabrication : Digital Concrete 2020 2020 /

### **Betoon ja asfalt Eesti teedehituses**

**Kendra, Ain** EhitusEST 2020 / lk. 22-23 : ill [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est) <https://ehitusest.ee/uudis/2020/08/31/betoon-ja-asfalt-eesti-teedehituses/>

### **Betoon ja raudbetoon : spetsifitseerimine, tehnoloogia, kvaliteet, vastavushindamine**

2017 [http://www.ester.ee/record=b4741175\\*est](http://www.ester.ee/record=b4741175*est)

### **Betoon on asfaldist üle, mitmekordselt**

Vill, Ants Director. Inseneria 2022 / lk. 70-77 : fot [https://www.ester.ee/record=b1519314\\*est](https://www.ester.ee/record=b1519314*est) <https://director.ee/2021/12/29/betoon-on-asfaldist-ule-mitmekordselt/>

### **Betoon on suur süsinikuladu**

Vill, Ants; **Raado, Lembi-Merike** Ehitaja 2023 / lk.44-49 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est) [https://artiklid.elnet.ee/record=b2907197\\*est](https://artiklid.elnet.ee/record=b2907197*est)

### **Betoon on suur süsinikuladu**

Vill, Ants ehitusuudised.ee 2023 [Betoon on suur süsinikuladu](https://ehitusuudised.ee/2023/08/14/betoon-on-suur-sysinikuladu)

### **Betoonelementide tolerantsid**

Leosk, Vaido; Aeg, Kirsti; **Tuisk, Tanel** 2019 [https://www.ester.ee/record=b5248312\\*est](https://www.ester.ee/record=b5248312*est)

### **Betoonist ja katenditest**

**Kendra, Ain** Transport ja Teed 2023 / lk. 12-16 : fot [https://www.ester.ee/record=b1073099\\*est](https://www.ester.ee/record=b1073099*est)

### **Betoonist ja kulumisest : betoontee katselõik viis aastat hiljem**

**Kendra, Ain** Ehitaja 2021 / lk. 30-32 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

### **Betoonist ja selle kulumisest**

**Kendra, Ain** Transport ja Teed 2021 / lk. 29-30 [http://www.ester.ee/record=b1073099\\*est](http://www.ester.ee/record=b1073099*est)

### **Betoonist teed ei ole liigne luksus, vaid arukas kokkuhoid [Võrguväljaanne]**

Vill, Ants Postimees 2021 "[Betoonist teed](https://dea.digar.ee/article/postimees/2021/01/13/10.5)" <https://dea.digar.ee/article/postimees/2021/01/13/10.5>

### **Betoonpõrandad**

2018 [https://www.ester.ee/record=b4762830\\*est](https://www.ester.ee/record=b4762830*est)

### **Betoonpõrandad**

2023 [https://www.ester.ee/record=b5535401\\*est](https://www.ester.ee/record=b5535401*est)

### **Betoonarandite parandamine ja kaitsmine**

2024 [https://www.ester.ee/record=b5685104\\*est](https://www.ester.ee/record=b5685104*est)

### **BIM adoption in the AEC/FM industry - the case for issuing building permits**

**Ullah, Kaleem; Raitviir, Christopher; Lill, Irene; Witt, Emlyn David Qivitoq** International journal of strategic property management 2020 / p. 400-413 <https://doi.org/10.3846/ijspm.2020.13676> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **BIM adoption processes : findings from a systematic literature review**

**Ullah, Kaleem; Witt, Emlyn David Qivitoq; Lill, Irene** SDGs in Construction Economics and Organization : The 11th Nordic Conference on Construction Economics and Organisation (CREON), May 18-20, 2022 2023 / p. 223-236 [https://doi.org/10.1007/978-3-031-25498-7\\_16](https://doi.org/10.1007/978-3-031-25498-7_16) Conference proceedings at Scopus Article at Scopus

### **BIM for construction education : initial findings from a literature review**

**Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene** Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia 2019 / p. 305-313 <https://doi.org/10.1108/S2516-285320190000002047>

### **BIM for construction education in Nigeria**

**Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene** SDGs in Construction Economics and Organization : The 11th Nordic Conference on Construction Economics and Organisation (CREON), May 18-20, 2022 2023 / p. 63-74 [https://doi.org/10.1007/978-3-031-25498-7\\_5](https://doi.org/10.1007/978-3-031-25498-7_5) Conference proceedings at Scopus Article at Scopus

### **The BIM-based building permit process : factors affecting adoption**

**Ullah, Kaleem; Witt, Emlyn David Qivitoq; Lill, Irene** Buildings 2022 / art. 45 <https://doi.org/10.3390/buildings12010045> Journal

**BIM-enabled education: a systematic literature review**

**Witt, Emlyn David Qivitoq;** Kähkönen, Kalle Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia 2019 / p. 261-269 <https://doi.org/10.1108/S2516-285320190000002042>

**A BIM-Enabled learning environment: a conceptual framework**

**Witt, Emlyn David Qivitoq;** Kähkönen, Kalle Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019), May 7-8, 2019, Tallinn, Estonia 2019 / p. 271-279 <https://doi.org/10.1108/S2516-285320190000002020>

**Biodigitaalsete muutuste lainel = Driving the biodigital transition**

**Valk-Siska, Veronika** Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2021 / lk. 82-87 : ill [https://www.ester.ee/record=b1072550\\*est](https://www.ester.ee/record=b1072550*est) <https://ajakirimaja.ee/veronika- Valk-siska-biodigitaalsete-muutuste-lainetel/>

**Bioreactivity, guttation and agents influencing surface tension of water emitted by actively growing indoor mould isolates**

Andersson, Maria A.; Salo, Johanna; Kedves, Orsolya; Kredics, Laszlo; Druzhinina, Irina; **Kurnitski, Jarek**; Salonen, Heidi Microorganisms 2020 / art. 1940, 20 p <https://doi.org/10.3390/microorganisms8121940> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bituumen ja bituumensideained : bituumenemulsioonide settimiskalduvuse määramine = Bitumen and bituminous binders : determination of settling tendency of bituminous emulsions**

2023 [https://www.ester.ee/record=b5575623\\*est](https://www.ester.ee/record=b5575623*est)

**Bituumen ja bituumensideained : dünaamilise viskoossuse määramine vaakumkapillaaris = Bitumen and bituminous binders : determination of dynamic viscosity by vacuum capillary**

2023 [https://www.ester.ee/record=b5575622\\*est](https://www.ester.ee/record=b5575622*est)

**Bituumen ja bituumensideained : kinemaatilise viskoossuse määramine = Bitumen and bituminous binders : determination of kinematic viscosity**

2023 [https://www.ester.ee/record=b5575621\\*est](https://www.ester.ee/record=b5575621*est)

**Blockage of saline intrusions in restricted, two-layer exchange flows across a submerged sill obstruction**

Cuthbertson, Alan; **Laanearu, Janek**; Carr, Magda; Sommeria, Joel; Viboud, Samuel Environmental fluid mechanics 2018 / p. 27-57 : ill <https://doi.org/10.1007/s10652-017-9523-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Bromides in treated wastewater : limiting the use of post-ozonation for micropollutant removal**

Klauson, Deniss; **Lember, Erki**; **Jaaku, Jaak** 23rd European Meeting on Environmental Chemistry, 3-6 December 2023, Budva, Montenegro : book of abstracts 2023 / p. 53 : ill <https://emec23.com/wp-content/uploads/2023/12/EMEC23-Book-of-Abstracts.pdf>

**Building and ductwork airtightness in Estonia : national trends and requirements**

**Kalamees, Targo**; **Hallik, Jaanus**; **Mikola, Alo** Ventilation challenges in a changing world : the 42nd AIVC, 10th Tightvent and 8th venticool Conference : proceedings 2022 / p. 640-641 [https://www.aivc.org/sites/default/files/download/AIVC2022\\_Proceedings.pdf](https://www.aivc.org/sites/default/files/download/AIVC2022_Proceedings.pdf)

**Building carbon footprint comparison between building permit and as-built with circular material usage**

**Kertsmik, Kadri-Ann**; **Talvik, Martin**; **Lylykangas, Kimmo Sakari**; **Ilomets, Simo**; **Kalamees, Targo** ICEARC'23 : The 3rd International Civil Engineering & Architecture Conference, Trabzon, Türkiye, 12-14 October 2023 : Proceedings ; Vol. 2: Architecture 2023 / p. 392-399 [https://icearc2023.glpmanager.com/documents/ICEARC'23\\_Proceedings\\_Architecture.pdf](https://icearc2023.glpmanager.com/documents/ICEARC'23_Proceedings_Architecture.pdf)

**Building cluster optimization to integrate energy performance and outdoor thermal comfort**

**De Luca, Francesco**; Naboni, Emanuele; Lobaccaro, Gabriele; **Sepulveda Luque, Abel** 2020 Proceedings of the Symposium on Simulation for Architecture and Urban Design 2020 / p. 345-348 : ill [https://www.simaud.org/proceedings/download.php?f=SimAUD2020\\_Proceedings\\_HiRes.pdf](https://www.simaud.org/proceedings/download.php?f=SimAUD2020_Proceedings_HiRes.pdf)

**Building design collaboration : what, why, and how**

**Pikas, Ergo**; **Koskela, Lauri Jaakko**; Gomes, Danilo Routledge Handbook of Collaboration in Construction 2024 / p. 61-72 <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003379553-8/building-design-collaboration-ergo-pikas-lauri-koskela-danilo-gomes>

**Building information modelling (BIM) - enabled construction education : teaching project cash flow concepts**

**Olowa, Theophilus Oluwarotimi Olatunde**; **Witt, Emlyn David Qivitoq**; **Lill, Irene** International Journal of Construction Management 2021 / p. 1494-1505 : ill <https://doi.org/10.1080/15623599.2021.1979300> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Building morphology influence on outdoor comfort in urban environments. An analysis through machine learning**

**Eslamirad, Nasim**; **De Luca, Francesco**; **Lylykangas, Kimmo Sakari** Proceedings of the 12th Annual Symposium on Simulation for Architecture and Urban Design 2021 <http://www.simaud.org/2021/program.php>

### **Building performance indicators and IEQ assessment procedure for the next generation of EPC-s**

**Võsa, Karl-Villem; Ferrantelli, Andrea;** Tzanev, Dragomir; Simeonov, Kamen; Carnero, Pablo; Espigares, Carlos; Navarro Escudero, Miriam; Quiles, Pedro Vicente; Andrieu, Thibault; Battezzati, Florian; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 13003, 9 p <https://doi.org/10.1051/e3sconf/202124613003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Buildings' energy efficiency measures effect on CO2 emissions in combined heating, cooling and electricity production**

**Pylsy, Petri; Lylykangas, Kimmo Sakari; Kurnitski, Jarek** Renewable and sustainable energy reviews 2020 / art. 110299, 18 p : ill <https://doi.org/10.1016/j.rser.2020.110299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **BuildIT 2024 kutsu juubelikonverentsile**

ehitusuudised.ee 2024 [BuildIT 2024 kutsu juubelikonverentsile](#)

### **A built environment perspective on post-disaster and conflict-induced displacement : a report of the REGARD project : rebuilding after displacement**

2022 [https://regardproject.com/portal/images/Downloads/Regard\\_Final\\_Project\\_Report\\_V2.pdf](https://regardproject.com/portal/images/Downloads/Regard_Final_Project_Report_V2.pdf)

### **BÜ11: Betoontarindite paradamine ja kaitsmine**

Vapper, Veikko Ehitaja 2024 / lk. 40-42 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

### **Calculation and compliance procedures of thermal bridges in energy calculations in various European countries**

**Kuusk, Kalle; Kurnitski, Jarek; Kalamees, Targo** Energy procedia 2017 / p. 27-32 : ill <https://doi.org/10.1016/j.egypro.2017.09.626> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Capillary condensation experiment for inverse modelling of porous building materials**

Hirsch, Hauke; Heyn, Rüdiger; **Klõšeiko, Paul** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 17003, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017217003> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Capillary condensation redistribution (CCR) test: measurement results of 5 materials and comparison to modelling**

**Klõšeiko, Paul; Valk, Thorny; Põldaru, Mattias; Kalamees, Targo** Journal of Physics: Conference Series 2023 / 8 p <https://doi.org/10.1088/1742-6596/2654/1/012047> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Carbon emissions of construction operations in a cold climate**

**Pikas, Ergo;** Lõhmus, Rauno; **Koskela, Lauri Jaakko;** Tetik, Müge; **Vendel, Kädi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1063-1073 <https://doi.org/10.24928/2024/0228>

### **Carbonation and leaching behaviors of cement-free monoliths based on high-sulfur fly ashes with the incorporation of amorphous calcium aluminate**

**Usta, Mustafa Cem; Yörük, Can Rüstü; Uibu, Mai; Traksmäa, Rainer; Hain, Tiina; Gregor, Andre; Trikkel, Andres** ACS omega 2023 / p. 29543–29557 : ill <https://doi.org/10.1021/acsomega.3c03286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A case study on construction of CLT building without preliminary roof**

**Liisma, Eneli; Kalamees, Targo;** Kuus, Babette Liseth; **Kukk, Villu** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 44-45 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est) <https://www.digar.ee/viewer/et/nlib-digar:409888/350001/page/45>

### **A case study on the construction of a CLT building without a preliminary roof**

**Liisma, Eneli;** Kuus, Babette Liseth; **Kukk, Villu; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2019 / p. 53-62 : ill <https://doi.org/10.5755/j01.sace.25.2.22263>

### **Case-study analysis of concrete large-panel apartment building at pre- and post low-budget energy-renovation**

**Kuusk, Kalle; Kalamees, Targo; Link, Siim; Ilomets, Simo; Mikola, Alo** Journal of civil engineering and management 2017 / p. 67-75 : ill <https://doi.org/10.3846/13923730.2014.975741> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Causality and interpretation : a new design model inspired by the Aristotelian legacy**

**Pikas, Ergo;** Koskela, Lauri; Seppänen, Olli Construction management and economics 2022 / p. 507-525 : ill <https://doi.org/10.1080/01446193.2021.1934884> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Causality and interpretation : integrating the technical and social aspects of design = Põhjuslikkus ja tõlgendamine : projekteerimise tehniliste ja sotsiaalsete aspektide sidumine**

**Pikas, Ergo** 2019 [https://www.ester.ee/record=b5234938\\*est](https://www.ester.ee/record=b5234938*est) <https://digi.lib.ttu.ee/ii/?11966>

### **Centimetre-range deformations of built environment revealed by drone-based photogrammetry**

**Varbla, Sander; Ellmann, Artu; Puust, Raido** Automation in Construction 2021 / art. 103787

<https://doi.org/10.1016/j.autcon.2021.103787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **CFD simulation of bubbly flow in a long coaxial heat exchanger**

Akhmadullin, Ildar; **Kartušinski, Aleksander** Thermal Science and Engineering Progress 2021 / art. 100991, 11 p

<https://doi.org/10.1016/j.tsep.2021.100991> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Challenges and perspectives of nature-based wastewater treatment and reuse in rural areas of Central and Eastern Europe**

Istenič, Darja; Bodík, Igor; **Merisaar, Maret**; Gajewska, Magdalena; Šereš, Michal; Griessler Bulc, Tjaša Sustainability (Switzerland)

2023 / art. 8145 <https://doi.org/10.3390/su15108145> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Challenges and solutions in construction of Tallinn-Tartu highway over peat deposits**

Dettenborn, Taavi; Forsman, Juha; Skepast, Peeter; **Ellmann, Artu** [The 29th Baltic Road Conference : 27-30 August 2017 Tallinn]

2017 / 10 p. : ill [Challenges and solutions...](#)

### **Challenges and strategies for bio-based and biodegradable plastic waste management in Europe**

Stasiškienė, Žaneta; Barbir, Jelena; Draudvilienė, Lina; Chong, Zhi Kai; Kuchta, Kerstin; **Voronova, Viktorija**; Leal Filho, Walter

Sustainability (Switzerland) 2022 / art. 16476 <https://doi.org/10.3390/su142416476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Challenges and ways forward for performance-driven and simulation-based computational design for sustainable cities and communities**

**De Luca, Francesco** Regenerating the City Performance-driven and Simulation-based Computational Design for Sustainable Cities and Communities : proceedings of the 9th Regional International Symposium on Education and Research in Computer Aided

Architectural Design in Europe, Tallinn University of Technology, 15-16 June 2023 2023 / p. 189-192

<https://digikogu.taltech.ee/et/Item/c29fc911-ec34-45da-afe6-bc1e8515e15d>

### **Challenges of civic engagement in the (post-socialist) transitional society : experiences from waterfront urban areas Mezapark in Riga and Kalarand in Tallinn**

**Prilenska, Viktorija; Paadam, Katrin; Liias, Roode** Three decades of post-socialist transition, May 17-18, 2019 : conference

programme 2019 / p. 88 <http://tuprints.ulb.tu-darmstadt.de/8635/1/Book%20of%20Abstracts.pdf>

### **Challenges of civic engagement in the (post-socialist) transitional society: experiences from waterfront urban areas Mezapark in Riga and Kalarand in Tallinn**

**Prilenska, Viktorija; Paadam, Katrin; Liias, Roode** Journal of architecture and urbanism 2020 / p. 109-121

<https://doi.org/10.3846/jau.2020.12223> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Characterization of the free plume created by stoves using laboratory measurements**

**Thalfeldt, Martin**; Georges, Laurent; Skreiberg, Øyvind Roomvent&Ventilation 2018 : Excellent Indoor Climate and High Performing

Ventilation : proceedings 2018 / p. 505-510 : ill <https://www.lyyti.fi/e/?p=s&k=76eA857eee2A33adcE00b0E>

[https://www.lyyti.fi/reg\\_att/efA658E7F74904eE7C/191245506eEbEE37F1fb.pdf](https://www.lyyti.fi/reg_att/efA658E7F74904eE7C/191245506eEbEE37F1fb.pdf)

### **Characterization of the municipal plastic and multilayer packaging waste in three cities of the Baltic states**

**Lyshtva, Pavlo**; Torkelis, Arturas; **Kobets, Yaroslav**; Carpio-Vallejo, Estefania; Dobri, Andrea; Barbir, Jelena; **Voronova, Viktorija**;

Denafas, Gintaras; Kliucininkas, Linas Sustainability 2025 / art. 986 <https://doi.org/10.3390/su17030986>

### **Characterizing the bond properties of automatically placed helical reinforcement in 3D printed concrete**

**Hass, Lauri**; Bos, F.P.; Salet, T.A.M. Construction and building materials 2022 / art. 129228, 16 p. : ill

<https://doi.org/10.1016/j.conbuildmat.2022.129228> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Charring performance of timber structures protected by traditional lime-based plasters**

**Liblik, Johanna; Nurk, Meeri; Just, Alar** Construction and building materials 2022 / art. 128572

<https://doi.org/10.1016/j.conbuildmat.2022.128572> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Circular renovation of an apartment building with prefabricated additional insulation elements to nearly zero energy building**

Nigumann, Eero; **Kalamees, Targo; Kuusk, Kalle; Pihelo, Peep** Journal of sustainable architecture and civil engineering 2024 / p.

22-34 <https://doi.org/10.5755/j01.sace.34.1.35674>

### **Circular renovation of an apartment building with prefabricated insulation elements**

Nigumann, Eero; **Kalamees, Targo; Kuusk, Kalle; Pihelo, Peep** 5th International Conference Forum Wood Building Baltic : 26-28

February 2024, Tallinn, Estonia : proceedings 2024 / p. 96-97 : ill [https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-](https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17)

[34c9d9677b17](https://www.ester.ee/record=b5668645*est) [https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

### **Circularity concepts for offsite prefabricated energy renovation of apartment buildings**

**Kuusk, Kalle; Kullerkupp, Kristel; Pihelo, Peep; Ritzen, Michiel; Tisov, Ana; Kalamees, Targo** Journal of physics : conference series 2021 / art. 012074 <https://doi.org/10.1088/1742-6596/2069/1/012074> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **City as a product, planning as a service**

**Prilenska, Viktorija; Paadam, Katrin; Liias, Roode** Places and Technologies 2018 : 5th International Academic Conference on Places and Technologies, Belgrade, Serbia, 26-27 April 2018 : Conference proceedings 2018 / p. 262–268

### **Classification of the energy production potential of water lens solar concentrators using machine learning**

**Zarrinkafsh, Hamidreza; Eslamirad, Nasim; De Luca, Francesco** Journal of Physics: Conference Series 2021 / art. 012022, 6 p. : ill <https://doi.org/10.1088/1742-6596/2042/1/012022> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Classifying construction related information : an unified system considering national individualities**

**Liias, Roode** The role of education for Civil Engineers in the implementation of the SDGs : Proceedings of the 1st Joint Conference of EUCEET and AECEF 2022 / p. 111-120 <https://doi.org/10.24840/978-972-752-291-0> <https://books.fe.up.pt/index.php/feup/catalog/book/978-972-752-291-0>

### **Clay and lime plaster as fire protection for timber structures**

**Liblik, Johanna; Just, Alar** INTER Proceedings - Meeting 56 : proceedings of the International Network on Timber Engineering Research 2023 [https://books.google.ee/books/about/International\\_Network\\_on\\_Timber\\_Engineer.html?id=7nFe0AEACAAJ&hl=en&output=html\\_text&redir\\_esc=y](https://books.google.ee/books/about/International_Network_on_Timber_Engineer.html?id=7nFe0AEACAAJ&hl=en&output=html_text&redir_esc=y)

### **CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019**

2019 <https://www.e3s-conferences.org/articles/e3sconf/abs/2019/37/contents/contents.html>

### **Climate zones**

**Kalamees, Targo; Morck, Ove Christen A** Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance 2018 / p. 71-75 : ill [Guide into renovation...](#)

### **CLT compartment fire test**

**Just, Alar; Brandon, Daniel; Mäger, Katrin Nele; Pukk, Rait** WCTE 2018 - World Conference on Timber Engineering 2018 [CLT...](#)

### **CLT compartment test in Estonia**

**Mäger, Katrin Nele** Fire design models for Europe : expert meeting 2018 / p. 80-96 : ill [Expert meeting...](#)

### **CLT protected by gypsum boards : design models**

**Just, Alar; Mäger, Katrin Nele; Kraudok, Kairit** Fire design models for Europe : expert meeting 2018 / p. 62-74 : ill [Expert meeting...](#)

### **CO2 curing of Ca-rich fly ashes to produce cement-free building materials**

**Usta, Mustafa Cem; Yörük, Can Rüstü; Uibu, Mai; Hain, Tiina; Gregor, Andre; Triikkel, Andres** Minerals 2022 / art. 513, 24 p. : ill <https://doi.org/10.3390/min12050513> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **CO2 jalajälje andmebaasil on veel arenguruumi**

**Vilk, Urve** Ehitaja 2024 / lk. 32-34 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est) [https://artiklid.elnet.ee/record=b2909894\\*est](https://artiklid.elnet.ee/record=b2909894*est)

### **Coastal flooding : Joint probability of extreme water levels and waves along the Baltic Sea coast**

**Kudryavtseva, Nadezhda; Räämet, Andrus; Soomere, Tarmo** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 70-71 : ill ["proceedings"](#)

### **Coastal sea level trend using multi mission along track satellite altimetry for the Baltic Sea**

**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p <https://doi.org/10.57757/IUGG23-4967>

### **The collaboration dilemma in smart city projects : time to ask the right questions**

**Thabit Gonzalez, Sara; Mora, Luca** Organization 2023 <https://doi.org/10.1177/13505084231183949> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A combined analytical model for increasing the accuracy of heat emission predictions in rooms heated by radiators**

**Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** Journal of building engineering 2019 / p. 291-300 <https://doi.org/10.1016/j.jobbe.2019.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Combined effect of heavy metals on the activated sludge process**

**Lember, Erki; Retšnoi, Vitali; Pachel, Karin; Loigu, Enn** Proceedings of the Estonian Academy of Sciences 2018 / p. 305-314 : ill [http://www.kirj.ee/public/proceedings\\_pdf/2018/issue\\_4/proc-2018-4-305-314.pdf](http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-305-314.pdf) <https://doi.org/10.3176/proc.2018.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Commissioning of moisture safety of nZEB renovation with prefabricated timber frame insulation wall elements**

**Pihelo, Peep; Kalamees, Targo** Wood material science and engineering 2021 / p. 110-117

<https://doi.org/10.1080/17480272.2019.1635206> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Commissioning of thermal performance of prefabricated timber frame insulation elements for nZEB renovation**

**Pihelo, Peep; Kalamees, Targo** 4th Central European Symposium on Building Physics (CESBP 2019) MATEC web of conferences 2019 / art. 02004, 6 p. : ill <https://doi.org/10.1051/mateconf/201928202004>

### **Commissioning the design and construction of prefabricated renovation**

Jürgenson, Alari; **Pihelo, Peep** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 102-109 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>  
[https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

### **Commitee on Marine Sciences**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 42-45  
[https://www.ester.ee/record=b1874722\\*est](https://www.ester.ee/record=b1874722*est)

### **Committee on Marine Sciences**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 43-47

### **A comparative analysis of NZEB energy performance requirements for residential buildings in Denmark, Estonia and Finland**

**Simson, Raimo; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 14001, 12 p. : ill <https://doi.org/10.1051/e3sconf/202124614001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Comparative assessment of simple and detailed energy performance models for urban energy modelling based on digital twin and statistical typology database for the renovation of existing building stock**

**Hallik, Jaanus; Arumägi, Endrik; Pikas, Ergo; Kalamees, Targo** Energy and buildings 2024 / art. 114775  
<https://doi.org/10.1016/j.enbuild.2024.114775>

### **Comparative studies of various E-learning teaching methodologies in civil engineering courses**

**Puust, Raido** Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 1 2025 / p. 534-546 [https://doi.org/10.1007/978-3-031-85652-5\\_53](https://doi.org/10.1007/978-3-031-85652-5_53)

### **Comparative study of using periodic daily and long-term weather data for cooling system sizing and impact of thermal mass**

**Seyed Salehi, Seyed Shahabaldin; Kurnitski, Jarek; Thalfeldt, Martin** E3S Web Conference: BuildSim Nordic 2022 2022 / art. 06002 <https://doi.org/10.1051/e3sconf/202236206002> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Comparative study on building permit processes in Europe**

Fauth, Judith; Deac-Kaiser, Stefanie-Brigitte; Nørkjær Gade, Peter; Raj, Kavita; Goul Pedersen, Jonas; Olsson, Per-Ola; Mastrolebo Ventura, Silvia; Granja, Jose; Nisbet, Nicholas; Hirvensalo, Antero; **Raitviir, Christopher-Robin** 2024  
<https://doi.org/10.5281/zenodo.14178511>

### **A comparative study on cooling period thermal comfort assessment in modern open office landscape in Estonia**

**Kiil, Martin; Simson, Raimo; Thalfeldt, Martin; Kurnitski, Jarek** Atmosphere 2020 / art. 127, 21 p. : ill  
<https://doi.org/10.3390/atmos11020127> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparative study on numerical hydroelastic analysis of impact-induced loads**

Yan, Dongni; **Hosseinzadeh, Saeed**; Lakshmyraranana, Puramharikrishnan; Mikkola, Tommi; Hirdaris, Spyros 23rd Numerical Towing Tank Symposium : 11th – 13th October 2021 Mülheim an der Ruhr, Germany 2021 / p. 150-155 : ill [https://www.uni-due.de/ISMT/ismt\\_nutts\\_2021.php](https://www.uni-due.de/ISMT/ismt_nutts_2021.php)

### **Comparing the methods of A3 and canvas**

Koskela, Lauri; Broft, Rafaella D.; **Pikas, Ergo**; Tezel, Algan Proceedings 28th Annual Conference of the International Group for Lean Construction (IGLC28), Berkeley, California, USA 2020 / p. 13-24 <https://doi.org/10.24928/2020/0136>

### **Comparison between eddy viscosities for a plunging breaker wave**

**Oldekop, Nelly**; Liiv, Toomas 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 411-412 <https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

### **Comparison of dynamic topography bias in HIROMB and NEMO-Nordic model by utilizing marine geoid**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Geophysical research abstracts 2020 / p. EGU2020-20134 <https://doi.org/10.5194/egusphere-egu2020-20134>

**Comparison of least squares modifications of Stokes's and Hotine's formula using pointwise and gridded gravity data ; S3-P16**

Sakil, Fatima Feyza; Erol, Serdar; Isik, M. Serkan; Erol, Bihter; **Ellmann, Artu** International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 75

**Comparison of measured fiber orientation in fiber concrete with predictions by CFD simulations**

**Herrmann, Heiko; Goidyk, Oksana; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel** M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 1245-1246 : ill [https://paginas.fe.up.pt/~m2d/Proceedings\\_M2D2017/data/papers/Book.pdf](https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf)

**Comparison of methods applied for Marine Geoid Modelling in the Baltic Sea project FAMOS**

Agren, Jonas; Schwabe, Joachim; Saari, T.; **Ellmann, Artu**; Forsberg, R. IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-2965 <http://iugg2019montreal.com/abstract-book.html>

**Comparison of performance-based specification properties for asphalt binders sourced from around the world**

**Lill, Kristjan**; Khan, Ahmad Nawaz; **Kontson, Karli**; Hesp, Simon A. M. Construction and building materials 2020 / art. 120552, 8 p <https://doi.org/10.1016/j.conbuildmat.2020.120552> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparison of physical and oxidative aging tendencies for Canadian and Northern European asphalt binders**

**Lill, Kristjan; Kontson, Karli**; Khan, A. N. Canadian Technical Asphalt Association proceedings 2019 2019 / p. 369–385

**Comparison of static and dynamic shading systems for office buildings energy consumption and cooling load assessment**

**De Luca, Francesco; Voll, Hendrik; Thalfeldt, Martin** Management of environmental quality : an international journal 2018 / p. 978-998 : ill <https://doi.org/10.1108/MEQ-01-2018-0008> [Journal metrics at Scopus](#) [Article at Scopus](#)

**A comparison of waste education in schools and colleges across five European cities**

Lee, Sheryl A.; Mork, Jane; Voca, Neven; **Voronova, Viktoria** International Journal of Sustainable Development & World Ecology 2022 / p. 338-348 <https://doi.org/10.1080/13504509.2021.2019138> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Compressibility of surface flows under the combined effect of currents and winds**

**Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 47 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**Computational method for variable objectives and context aware solar envelopes generation**

**De Luca, Francesco; Voll, Hendrik** 2017 Proceedings of the Symposium on Simulation for Architecture and Urban Design 2017 / p. 335-342 : ill <http://resolver.tudelft.nl/uuid:4857e388-c354-47a3-9671-0bd8038f76bc>

**A computational workflow for generating a voxel-based design approach based on subtractive shading envelopes and attribute information of point cloud data**

Alkadri, Miktha Farid; **De Luca, Francesco**; Turrin, Michel; Sariyildiz, Sevil Remote sensing 2020 / art. 2561 ; 28 p. : ill <https://doi.org/10.3390/rs12162561> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Computationally efficient method for steel column buckling in fire**

**Kervalishvili, Andrei; Talvik, Ivar** Buildings 2023 / 19 p <https://doi.org/10.3390/buildings13020407> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Concentrated solar power (CSP) for sustainable architecture to supply domestic hot water and heating loads of buildings**

Zarrinkafsh, Hamidreza; **Eslamirad, Nasim; De Luca, Francesco** Journal of physics : conference series 2021 / art. 012110, p. 1-6 : ill <https://doi.org/10.1088/1742-6596/2042/1/012110> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A concept to assess the economic importance of the on-site activities of ETICS**

**Sulakatko, Virgo**; Vogdt, Frank U.; **Lill, Irene** World Academy of Science, Engineering and Technology. International journal of civil, environmental, structural, construction and architectural engineering 2017 / p. 518-522 : ill <http://scholar.waset.org/1999.3/10007384>

**Conceptual framework of information flow synchronization throughout the building lifecycle**

Raitviir, Christopher-Robin; **Lill, Irene** Buildings 2024 / art. 2207 <https://doi.org/10.3390/buildings14072207>

**Conceptualising building information modelling for construction education**

**Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene** Journal of civil engineering and management 2020 / p. 551-563 <https://doi.org/10.3846/jcem.2020.12918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)



### **Conservation of Tallinn seaplane hangars**

Mändel, Maris; **Õiger, Karl** Proceedings of the Institution of Civil Engineers - Engineering History and Heritage 2016 / p. 3-10  
<https://doi.org/10.1680/jenhh.15.00011> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Construction classification - approach in small societies**

**Liias, Roode** Current trends in civil & structural engineering 2020 / 2 p. : ill <https://doi.org/10.33552/CTCSE.2020.05.000604>

### **Construction period moisture load on CLT - example of 5 CLT buildings**

**Kalbe, Kristo; Kukk, Villu; Kalamees, Targo** Proceedings of the III Forum Wood Building Baltic, Riga Technical University, 09-10.05, 2022, Riga, Latvia 2022 / p. 42-43 <https://forumwoodbuilding.rtu.lv/wp-content/uploads/sites/37/2022/05/FWBB2022-2022.05.09-speakers-day-1-and-2.pdf>

### **Construction process and measuring initial dryout of PCM mortar in energy activated ETICS façade**

**Talvik, Martin; Ilomets, Simo; Klõšeiko, Paul; Kalamees, Targo;** Heim, Dariusz Thermal performance of the exterior envelopes of whole buildings : Buildings XV Conference 2022 / p. 757-764 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85163701291&origin=inward&txGid=c83aa5cf70cab7322515343c3d634b25>

### **Construction process technical impact factors on degradation of the external thermal insulation composite system**

**Sulakatko, Virgo;** Vogdt, Frank U. Sustainability 2018 / art. 3900, 26 p. : ill <https://doi.org/10.3390/su10113900> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Construction with digital twin information systems**

Sacks, Rafael; Brilakis, Ioannis; **Pikas, Ergo;** Xie, Haiyan Sally; Girolami, Mark Data-centric engineering 2020 / art. e14, 26 p <https://doi.org/10.1017/dce.2020.16>

### **Consumer attitudes and concerns with bioplastics use: An international study**

Filho, Walter Leal; Barbir, Jelena; Abubakar, Ismaila Rimi; Paco, Arminda; Stasiskiene, Zaneta; Hornbogen, Marie; Fendt, Maren Theresa Christin; **Voronova, Viktoria; Klõga, Marija** PLoS ONE 2022 / art. e0266918 <https://doi.org/10.1371/journal.pone.0266918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Continuous automated ventilation heat recovery efficiency performance assessment using building monitoring system**

**Kull, Tuule Mall; Mikola, Alo; Tukia, Andres; Köse, Ahmet; Petlenkov, Eduard; Thalfeldt, Martin** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 10006, 10 p. : ill <https://doi.org/10.1051/e3sconf/202124610006> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Contributions to ventilation system demand response: a case study of an educational building**

**Maask, Vahur; Mikola, Alo; Korõtko, Tarmo; Rosin, Argo; Thalfeldt, Martin** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 11001, 6 p <https://doi.org/10.1051/e3sconf/202124611001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Control dynamics and parameters for low energy heating applications = Juhtimise dünaamika ja parameetrid madalenergia küttesüsteemides**

**Parts, Tuule Mall** 2023 <https://doi.org/10.23658/taltech.50/2023> <https://digikogu.taltech.ee/et/Item/85469015-8f1c-450f-a609-73a70a255bc6> [https://www.ester.ee/record=b5638401\\*est](https://www.ester.ee/record=b5638401*est)

### **Controlling peak runoff from plots by coupling street storage with distributed real time control**

**Kändler, Nils; Annus, Ivar; Vassiljev, Anatoli** Urban water journal 2022 / p. 97-108 : ill <https://doi.org/10.1080/1573062X.2021.1958235> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Controlling stormwater runoff from impermeable areas by using smart inlets**

**Kändler, Nils; Annus, Ivar; Vassiljev, Anatoli; Puust, Raido; Kaur, Katrin** New trends in urban drainage modelling : UDM 2018 : Conference proceedings 2019 / p. 263-268 [https://doi.org/10.1007/978-3-319-99867-1\\_44](https://doi.org/10.1007/978-3-319-99867-1_44) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Cooling thermal comfort and efficiency parameters of ceiling panels, underfloor cooling, fan-assisted radiators, and fan coil**

**Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** Energies 2022 / art. 4156 <https://doi.org/10.3390/en15114156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Coronavirus disease 2019 and airborne transmission : science rejected, lives lost. Can society do better?**

Morawska, Lidia; Bahnfleth, William; Bluysen, Philomena M.; Boerstra, Atze; Buonanno, Giorgio; Dancer, Stephanie J.; Floto, Andres; Franchimon, Francesco; Haworth, Charles; Hogeling, Jaap; Isaxon, Christina; Jimenez, Jose L.; **Kurnitski, Jarek** Clinical infectious diseases 2023 / p. 1854 - 1859 <https://doi.org/10.1093/cid/ciad068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cost and energy reduction of a New nZEB wooden building**

**Arumägi, Endrik; Kalamees, Targo** Energies 2020 / art. 3570, 16 p. : ill <https://doi.org/10.3390/en13143570> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cost reduction of the new NZEB Wooden building – case study of the kindergarten in Estonia**

**Arumägi, Endrik; Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 13002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017213002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Cost-benefit analysis of nZEB energy efficiency strategies with on-site photovoltaic generation**

**Pikas, Ergo; Kurnitski, Jarek; Thalfeldt, Martin;** Koskela, Lauri Energy 2017 / p. 291-301 : ill <https://doi.org/10.1016/j.energy.2017.03.158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cost-effective energy and indoor climate renovation of Estonian residential buildings**

**Kalamees, Targo; Kuusk, Kalle; Arumägi, Endrik; Alev, Üllar** Cost-effective energy-efficient building retrofitting : materials, technologies, optimization and case studies 2017 / p. 405-454 : ill [http://www.ester.ee/record=b4674305\\*est](http://www.ester.ee/record=b4674305*est) <https://doi.org/10.1016/B978-0-08-101128-7.00015-0>

### **Cost-effective energy-efficient building retrofitting : materials, technologies, optimization and case studies**

2017 [http://www.ester.ee/record=b4674305\\*est](http://www.ester.ee/record=b4674305*est) <https://www.sciencedirect.com/science/book/9780081011287>

### **COVID-19 and waste production in households: A trend analysis**

Filho, Walter Leal; **Voronova, Viktoria; Klõga, Marija;** Paco, A; Minhas, A Science of the total environment 2021 / art. 145997, 7 p <https://doi.org/10.1016/j.scitotenv.2021.145997> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Covid-19 leviku tõkestamisel võib mängida võtmerolli hea ventilatsioon [Võrguväljaanne]**

**Kurnitski, Jarek** novaator.err.ee 2020 / fot [Covid-19 leviku tõkestamisel võib mängida võtmerolli hea ventilatsioon](#)

### **CPT, CPTu and DCPT methods for predicting the ultimate bearing capacity of cast in situ displacement piles in silty soils**

**Leetsaar, Lehar;** Korkiala-Tanttu, Leena; **Kurnitski, Jarek** Geotechnical and Geological Engineering 2023 / p. 631-652 <https://doi.org/10.1007/s10706-022-02292-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Crashworthiness performance of stiffened bottom tank structure subjected to impact loading conditions : ship-rock interaction**

Prabowo, Aditya Rio; Sohn, Jung Min; **Putranto, Teguh** Curved and Layered Structures 2019 / p. 245–258 : ill <https://doi.org/10.1515/cls-2019-0016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Creation of digital twin models for renovation: an integrative literature review**

**Lõhmus, Daniel; Pikas, Ergo** Proceedings of the 2023 European Conference on Computing in Construction and the 40th International CIB W78 Conference 2023 / art. 303649 <https://doi.org/10.35490/EC3.2023.307>

### **Creative practice research : a model for architecture and urban design**

**Valk-Siska, Veronika** Formation - architectural education in a Nordic perspective 2018 / p. 330–349 <http://www.b-arki.dk/formation.html>

### **Critical factors for effective BIM-Enabled education : an adaptive structuration theory perspective**

**Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene;** Rasheed, A.; Abdulmumin, A.; Adebisi, R. Buildings 2023 / art. 3044, 18 p. : ill <https://doi.org/10.3390/buildings13123044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cross-laminated timber : Standard fire design model : expert meeting [Online resource]**

2017 <https://ethz.ch/content/dam/ethz/special-interest/baug/ibk/costfp1404-dam/documents/2018/N234-02-ProceedingsExpertMeetingKoeschingWG2TG1.pdf>

### **Damage detection in quasi-isotropic composite bends using ultrasonic feature guided waves**

Yu, Xudong; **Ratassepp, Madis;** Fan, Zheng Composites Science and Technology 2017 / p. 120-129 : ill <https://doi.org/10.1016/j.compscitech.2017.01.011>

### **Danish, Estonian and Finnish NZEB requirements comparison with European Commission recommendations for office buildings in Nordic and Oceanic climates**

**Simson, Raimo; Arumägi, Endrik;** Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** E3S Web Conferences : The 16th ROOMVENT Conference (ROOMVENT 2022) 2022 / art. 01017 <https://doi.org/10.1051/e3sconf/202235601017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Data for occupancy internal heat gain calculation in main building categories**

Ahmed, Kaiser; **Kurnitski, Jarek;** Olesen, Bjarne Data in brief 2017 / p. 1030-1034 : tab <https://doi.org/10.1016/j.dib.2017.10.036>

### **Data generative machine learning model for the assessment of outdoor thermal and wind comfort in a northern urban environment**

**Eslamirad, Nasim; De Luca, Francesco; Lylykangas, Kimmo Sakari; Ben Yahia, Sadok** *Frontiers of architectural research* 2023 / p. 541-555 : ill <https://doi.org/10.1016/j.foar.2022.12.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Data-driven baseline generation for post-retrofit energy saving assessment, a comparison of statistical and machine learning methods**

**Kuivjõgi, Helena; Vasman, Sofia; Petlenkov, Eduard; Thalfeldt, Martin; Kurnitski, Jarek** *Journal of building engineering* 2024 / art. 111016 <https://doi.org/10.1016/j.jobe.2024.111016>

**Data-driven occupancy profile identification and application to the ventilation schedule in a school building**

**Vassiljeva, Kristina; Matson, Margarita; Ferrantelli, Andrea; Petlenkov, Eduard; Thalfeldt, Martin; Belikov, Juri** *Energies* 2024 / art. 3080 <https://doi.org/10.3390/en17133080>

**Data-driven planning and design for spatial justice**

**Partanen, Jenni Vilhelmiina** *Regenerating the city : performance-driven and simulation-based computational design for sustainable cities and communities : proceedings of the 9th Regional International Symposium on Education and Research in Computer Aided Architectural Design in Europe : Tallinn University of Technology, 15-16 June 2023* 2023 / p. 193-196 : ill <https://digikogu.taltech.ee/en/Download/7b73e0ad-359b-4840-a886-4e0b149b3a88>

**Data-driven urban modelling : the case of explainable detection of urban heat island = Andmepõhine linnamodelleerimine : soojusaarte seletatav tuvastamine**

**Eslamirad, Nasim** 2023 [https://www.ester.ee/record=b5645371\\*est](https://www.ester.ee/record=b5645371*est) <https://doi.org/10.23658/taltech.68/2023> <https://digikogu.taltech.ee/et/Item/ff9725f6-fc34-474c-ad5b-0ed6128127ee> [https://www.ester.ee/record=b5645371\\*est](https://www.ester.ee/record=b5645371*est)

**A data-fusion technique for forecasting of absolute sea levels in the Baltic Sea**

**Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** 2023 *Machine Learning And Data Analysis In Oceanography, University of Liège, Belgium* 2023 / 1 p [A data-fusion technique for forecasting of absolute sea levels in the Baltic Sea](#)

**Daylight and overheating prediction formulas for building design in a cold climate**

**Sepulveda Luque, Abel; De Luca, Francesco; Kurnitski, Jarek** *Journal of building engineering* 2022 / art. 103532, 15 p. : ill <https://doi.org/10.1016/j.jobe.2021.103532> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Daylighting and energy performance design for single floor commercial hall buildings**

**De Luca, Francesco; Simson, Raimo; Voll, Hendrik; Kurnitski, Jarek** *Management of environmental quality : an international journal* 2018 / p. 722-739 : ill <https://doi.org/10.1108/MEQ-10-2017-0110> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Decentralized real-time control platform for urban drainage systems in climate proof smart cities = Sademeveesüsteemide detsentraliseeritud juhtimissüsteemi platvorm kliimakindlates tarkades linnades**

**Kändler, Nils** 2021 [https://www.ester.ee/record=b5434231\\*est](https://www.ester.ee/record=b5434231*est) <https://digikogu.taltech.ee/et/Item/f02a02b2-da6e-4341-a69c-eba8d029e433> <https://doi.org/10.23658/taltech.32/2021>

**Deep energy renovation of old concrete apartment building to nZEB by using wooden modular element**

**Kalamees, Targo; Pihelo, Peep; Kuusk, Kalle** *II Miedzynarodowa Konferencja : Forum Holzbau Polska 2018* 2018 / 10 p. : ill <http://forum-holzbau.pl/category/filmy-i-zdjecia/> <https://www.etis.ee/File/DownloadPublic/b9656a11-ef9e-4b34-9033-83254134f617?name=Deep%20energy%20renovation%20of%20old%20concrete%20apartment%20building%20to%20nZEB%20by%20using%20wooden%20modular%20elements.pdf&type=application%2Fpdf>

**Deep energy renovation of old concrete apartment building to nZEB by using wooden modular elements**

**Kalamees, Targo; Pihelo, Peep; Kuusk, Kalle** *Forum Holz Bau Garmisch 17 : 23. Internationales Holzbau-Forum (IHF 2017) : aus der Praxis - für die Praxis : Kongresszentrum, Garmisch-Partenkirchen ; B. 2* 2017 / p. 317-325 : ill <http://www.gbv.de/dms/tib-ub-hannover/1014402786.pdf>

**Deeper insights into the validation of hydrodynamic models using a synergy of remote sensing data**

**Delpeche-Ellmann, Nicole Camille; Varbla, Sander; Jahanmard, Vahidreza; Ellmann, Artu** *Baltic Earth Workshop Climate projections and uncertainties in the northern Baltic Sea region, Helsinki, Finland, 19-20 November, 2019 : Programme, Abstracts, Participants* 2019 / p. 14-15

**Defining a BIM-enabled learning environment - an adaptive structuration theory perspective**

**Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Morganti, Caterina; Teittinine, Toni; Lill, Irene** *Buildings* 2022 / art. 292 <https://doi.org/10.3390/buildings12030292> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Defining requirements for a BIM-enabled learning environment**

**Witt, Emlyn David Qivitoq; Kähkönen, Kalle; Bragadin, Marco** *Alvise SDGs in Construction Economics and Organization : The 11th Nordic Conference on Construction Economics and Organisation (CREON), May 18-20, 2022* 2023 / p. 237-250 [https://doi.org/10.1007/978-3-031-25498-7\\_17](https://doi.org/10.1007/978-3-031-25498-7_17) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Definition of a reference residential building prototype for evaluating IAQ and energy efficiency strategies – Estonia**  
**Palmiste, Ülar**; Lumilaan, Areenika Subtask 2: Pollutant loads in residential buildings (Common exercises) 2020 / p. 97–113 : ill [https://iea-ebc.org/Data/publications/EBC\\_Annex\\_68\\_Subtask\\_2\\_Report\\_Part\\_II\\_October\\_2020.pdf](https://iea-ebc.org/Data/publications/EBC_Annex_68_Subtask_2_Report_Part_II_October_2020.pdf)

**Degradation of a poly(3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV) compound in different environments**

**Lyshtva, Pavlo; Voronova, Viktoria**; Barbir, Jelena; Filho, Walter Leal; Kröger, Silja Denise; Witt, Gesine; Miksch, Lukas; Sabowski, Reinhard; Gutow, Lars; Frank, Carina Heliyon 2024 / art. e24770 <https://doi.org/10.1016/j.heliyon.2024.e24770>

**Delightful daylighting : a framework for describing the experience of daylighting in Nordic homes and 'coupling it with quantitative assessments**

**Viikberg, Hanna; Sepulveda Luque, Abel; De Luca, Francesco** Energies 2022 / art. 1815 <https://doi.org/10.3390/en15051815>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Demokraatia kui alternatiivmõtlemise suplus peavoolus**

**Soomere, Tarmo** Sirp 2019 / lk. 34-35 : fot [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est) <https://www.sirp.ee/s1-artiklid/c21-teadus/demokraatia-kui-alternatiivmõtlemise-suplus-peavoolus/>

**Dependence of measured specific air leakage rate (qE50) on envelope pressure differences and measurement position: A case study in an apartment building in winter conditions**

**Klõšeiko, Paul; Arumägi, Endrik; Hallik, Jaanus; Kalamees, Targo** Journal of Physics: Conference Series 2021 / art. 012229, 3 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012229> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Descriptive geometry. General course : exercises**

2018 [https://www.ester.ee/record=b5203367\\*est](https://www.ester.ee/record=b5203367*est)

**Design and testing of an universal autonomous surface vehicle**

**Roasto, Indrek; Jalakas, Tanel; Mölder, Heigo; Möller, Taavi; Tabri, Kristjan**; Enok, Mart 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 705-710 : ill <https://doi.org/10.1109/PEMC48073.2021.9432567>

**Design criteria for insulation materials applied in timber frame assemblies**

**Tiso, Mattia; Just, Alar** Journal of Structural Fire Engineering 2018 / p. 252 - 263 <https://doi.org/10.1108/JSFE-01-2017-0015> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Design criteria for outdoor air intakes and exhaust air outlets located on an external wall**

**Palmiste, Ülar; Kurnitski, Jarek; Voll, Hendrik** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 9008, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017209008> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Design guidelines of CLT external wall based on stochastic analysis**

**Kukk, Villu; Kers, Jaan; Kalamees, Targo**; Wang, Lin; Ge, Hua Proceedings of the III Forum Wood Building Baltic, Riga Technical University, 09-10.05, 2022, Riga, Latvia 2022 / p. 40-41 <https://forumwoodbuilding.rtu.lv/wp-content/uploads/sites/37/2022/05/FWBB2022-2022.05.09-speakers-day-1-and-2.pdf>

**Design management in a design office : development of the knowledge base**

**Pikas, Ergo**; Koskela, Lauri; Liias, RooDe 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 539-546 : ill [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_2.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf) <https://doi.org/10.24928/2017/0316>

**Design management in a design office : development of the model for 'To-Be'**

**Pikas, Ergo**; Koskela, Lauri; Seppänen, Olli 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 555-562 : ill <https://doi.org/10.24928/2017/0317> [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_2.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf)

**Design management in a design office : solving the problem of relevance**

**Pikas, Ergo**; Koskela, Lauri; Seppänen, Olli 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 547-554 : ill [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_2.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf) <https://doi.org/10.24928/2017/0315>

**Design methods for wood-based I-joists exposed to fire - State-of-the-art and improvements**

**Mäger, Katrin Nele; Just, Alar** 15th International Interflam Conference : Interflam 2019, 1-3 July, 2019 : Programme 2019 / p. 1343–1354 <http://www.intersciencecomms.co.uk/html/conferences/Interflam/if19/Interflam%202019%20Table%20of%20Contents.pdf>

**Design model for the load-bearing capacity : effective cross-section method**

Klippel, Michael; Just, Alar Guidance on Fire design of CLT including best practise, COST Action FP1404 : version 2018 2018 / p. 36- 60 : ill [Guidance on Fire design of CLT including best practise](#)

- Design of indoor climate and energy efficiency of the medieval Episcopal Castle of Haapsalu museum**  
**Tark, Teet; Kalamees, Targo;** Rodin, Artem; **Arumägi, Endrik;** Napp, Margus Conference Report : The 3rd International Conference on Energy Efficiency in Historic Buildings 2018 / p. 318-236 : ill <http://eehb2018.com/wp-content/uploads/2018/09/Conference-Report-The-3rd-International-Conference-on-Energy-Efficiency-in-Historic-Buildings.pdf>
- Design of performance characteristics on laser treated denim fabric : [conference paper]**  
**Mandre, Nele; Plamus, Tiia; Linder, Angelika; Varjas, Toivo; Majak, Jüri; Krumme, Andres** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 36 : ill [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)
- Design parameters for timber members protected by clay plaster at elevated temperatures**  
**Liblik, Johanna; Just, Alar** International Network on Timber Engineering Research : INTER : Meeting 50, 28-31 August 2017, Kyoto, Japan : proceedings 2017 / p. 375-389 : ill
- Designing and planning for transient urbanity**  
**Partanen, Jenni Vilhelmiina** Curious pedagogy : reflections on urban planning education 2023 / p. 147-168  
<https://urn.fi/URN:ISBN:978-952-03-3007-1>
- Designing highly insulated cross-laminated timber external walls in terms of hygrothermal performance : field measurements and simulations**  
**Kukk, Villu; Kaljula, Laura; Kers, Jaan; Kalamees, Targo** Building and Environment 2022 / art. 108805  
<https://doi.org/10.1016/j.buildenv.2022.108805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)
- Designing with demons : in search of living bricks in Estonia : a workshop at TTÜ Academy of Architecture and Urban Studies**  
Amstrong, Rachel; Ferracina, Simone; Hughes, Rolf; **Grišakov, Kristi** 2017 [https://www.ester.ee/record=b4668116\\*est](https://www.ester.ee/record=b4668116*est)  
[https://eprint.ncl.ac.uk/file\\_store/production/242371/69CEE599-1CEE-43EC-97EB-0908CFFFB86A.pdf](https://eprint.ncl.ac.uk/file_store/production/242371/69CEE599-1CEE-43EC-97EB-0908CFFFB86A.pdf)
- Detection of Chaetomium globosum, Ch. cochliodes and Ch. rectangulare during the Diversity Tracking of Mycotoxin-Producing Chaetomium-like Isolates Obtained in Buildings in Finland**  
Salo, Marja Johanna; Kedves, Orsolya; Mikkola, Raimo; Kredics, Laszlo; Andersson, Maria A.; **Kurnitski, Jarek;** Salonen, Heidi Toxins 2020 / art. 443, 22 p. <https://doi.org/10.3390/toxins12070443> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)
- Determination of Accurate Dynamic Topography for the Baltic Sea Using Satellite Altimetry and a Marine Geoid Model**  
**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu; Jahanmard, Vahidreza** Remote sensing 2023 / art. 2189  
<https://doi.org/10.3390/rs15082189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)
- Determination of design fires in compartments with combustible structure – modification of existing design equations**  
Schmid, Joachim; Fahrni, Reto; Frangi, Andrea; Werther, Norman; Brandon, Daniël; **Just, Alar** Proceedings : meeting 52 : 26-29 August 2019, Tacoma WA, USA 2020 / p. 509-511 <https://doi.org/10.3929/ethz-b-000396127>
- Determination of paper plaster hygrothermal performance: influence of different types of paper on sorption and moisture buffering**  
**Vares, Maia-Liisa; Ruus, Aime; Nutt, Nele; Kubjas, Ardo; Raamets, Jane** Journal of building engineering 2021 / art. 101830, 8 p. : ill <https://doi.org/10.1016/j.jobe.2020.101830> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)
- Determination of the corresponding roughness height in a WDS model containing old rough pipes**  
**Annus, Ivar; Vassiljev, Anatoli; Kändler, Nils; Kaur, Katrin** Journal of water supply : research and technology - AQUA 2020 / p. 201–209 <https://doi.org/10.2166/aqua.2019.080>
- Determining asphalt binder aging by using limiting phase angle temperature**  
**Lill, Kristjan; Kontson, Karli; Aavik, Andrus** Baltic journal of road and bridge engineering 2024 / p. 28-49  
<https://doi.org/10.7250/bjrbe.2024-19.647>
- Determining biogas yield from industrial biodegradable waste = Biolagunevatest tootmisjäädikdest biogaasi saagise määramine**  
**Kuusik, Argo** 2017 <https://digi.lib.ttu.ee/ii/?7712> [https://www.ester.ee/record=b4680398\\*est](https://www.ester.ee/record=b4680398*est)
- Determining the Accuracy of Sentinel-3A and Sentinel-6 Satellite Altimetry Data in the Gulf of Finland using a synergy of data : [poster presentation]**  
**Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** The Gulf of Finland Science Days 2021 “New start for the Gulf of Finland co-operation” : Estonian Academy of Sciences, Tallinn, 29-30 November 2021 : abstracts 2021 / p. 45  
<https://www.gulfoffinland.fi>
- Developing a database to capture, store and share fall-related safety knowledge to enhance fall prevention in**

## construction industry

Chellappa, Vigneshkumar; Li, Rita Yi Man; Liias, Roode; Salve, Urmi Ravindra Enabling digital technologies to sustain construction growth and efficiency : 19th International Conference on Construction Applications of Virtual Reality: CONVR 2019 : 13-15 November 2019, Bangkok, Thailand 2019 / p. 152-159 ; ill <http://convr2019.com/PROCEEDINGS-CONVR19.pdf>

## Developing a framework for smart stormwater management in Tallinn, Estonia

**Suits, Kristjan; Vassiljev, Anatoli; Kaur, Katrin; Kõiv, Kerta; Kändler, Nils; Annus, Ivar** Engineering Proceedings 2024 / art. 23 <https://doi.org/10.3390/engproc2024069023>

## Developing case studies for implementing COST TU1406 Quality Control plan procedure for typical highway bridges

Kedar, Amir; **Sein, Sander**; Ademović, Naida; Panetsos, Panagiotis IABSE Symposium Guimarães 2019 : Towards a Resilient Built Environment - Risk and Asset Management, March 27-29, 2019, Guimarães, Portugal 2019 / p. 531-539 : ill [Developing case...](#)

## Developing energy calculation methodology and calculation tool validations : Application in air-heated ice rink arenas

Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; **Kurnitski, Jarek** Energy and buildings 2020 / art. 110389, 19 p. : ill <https://doi.org/10.1016/j.enbuild.2020.110389> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Development and performance assessment of prefabricated insulation elements for deep energy renovation of apartment buildings

**Pihelo, Peep; Kuusk, Kalle; Kalamees, Targo** Energies 2020 / art. 1709, 20 p. : ill <https://doi.org/10.3390/en13071709> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Development of a 5 mm geoid model – a case study for Estonia

**Ellmann, Artu**; Oja, Tõnis International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 51 <https://www.space.dtu.dk/english/gghs2018/programme>

## Development of a harmonised methodology for Narva River water discharge estimation

**Kobets, Yaroslav; Reihan, Alvina** Proceedings 2023 / art. 18 <https://doi.org/10.3390/proceedings2023092018>

## Development of a reduced order model of solar heat gains prediction

**Tamm, Meril**; Cid, Jordi Macia; Paramio, Roser Capdevila; Baulenas, Joan Farnos; **Thalfeldt, Martin; Kurnitski, Jarek** Energies 2020 / art. 6316, 17 p. : ill <https://doi.org/10.3390/en13236316> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Development of airtightness of Estonian wooden buildings

**Hallik, Jaanus; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2019 / p. 36-43 : ill <https://doi.org/10.5755/j01.sace.24.1.23231>

## Development of airtightness of Estonian wooden buildings : [conference paper]

**Hallik, Jaanus; Kalamees, Targo** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 46-47 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

## Development of an optimised condition assessment plan for common reinforced concrete bridges in Estonia = Optimeeritud seisukorra kontrolliplaani välja töötamine tüüpilistele Eesti raudbetoonsildadele

**Sein, Sander** 2021 [https://www.ester.ee/record=b5456535\\*est](https://www.ester.ee/record=b5456535*est) <https://digikogu.taltech.ee/et/Item/f36c3aa5-f766-4b0e-ad1d-66d61a8f9329> <https://doi.org/10.23658/taltech.51/2021>

## Development of continuous dynamic vertical reference for maritime and offshore engineering by applying machine learning strategies

**Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** 2023 Machine Learning And Data Analysis In Oceanography, University of Liège, Belgium 2023 / 1 p [Development of continuous dynamic vertical reference for maritime and offshore engineering by applying machine learning strategies](#)

## Development of fire design models for timber frame assemblies. State of the art AD2018

**Just, Alar** Timber : bonds, connections and structures : commemorative publication honoring Simon Aicher on the occasion of his 65th birthday 2018 / p. 317-330

## Development of prefabricated additional insulation elements for the renovation of high-rise apartment buildings

**Pihelo, Peep; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2024 / p. 8-22 <https://doi.org/10.5755/j01.sace.35.2.35422>

## Development of prefabricated additional insulation elements for the renovation of high-rise apartment buildings

**Pihelo, Peep; Kalamees, Targo** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 98-99 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> [https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

**Development of prefabricated insulation elements for buildings with aerated autoclaved concrete walls**  
**Pihelo, Peep; Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 / art. 18001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017218001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Development of synergized method to determine accurate sea level using satellite altimetry and high-resolution geoid model**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / S5-053 [https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster\\_id=1563486](https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster_id=1563486) [https://files.sciconf.cn/upload/file/20210626/20210626085039\\_69146.pdf](https://files.sciconf.cn/upload/file/20210626/20210626085039_69146.pdf)

**Developments and applications of IoT-based sensors for wastewater and drainage systems : editorial**

Sitzenfrei, Robert; **Annus, Ivar**; Langeveld, Jeroen; Rieckermann, Jörg; Rauch, Wolfgang Water science and technology Water science & technology 2024 / p. 3-5 <https://doi.org/10.2166/wst.2024.058>

**Developments towards deriving realistic dynamic topography by synergizing high-resolution geoid with sea level data = Merepinna realistliku dünaamilise topograafia saavutamine täppisgeoidi ja meretaseme andmestike kooskasutamisel**

**Jahanmard, Vahidreza** 2024 [https://www.ester.ee/record=b5649955\\*est](https://www.ester.ee/record=b5649955*est) <https://digikogu.taltech.ee/et/Item/3cfc4a1d-ff3c-4366-b26b-86571453f628> <https://doi.org/10.23658/taltech.3/2024>

**Diffusion of European modern city planning around 1910 : transferring and implementation of international knowledge in Tallinn, Estonia**

**Hallas-Murula, Karin** Journal of urban history 2017 / p. 615-624 <https://doi.org/10.1177/0096144217705345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Digital last planner system whiteboard for enabling remote collaborative design process planning and control**

**Pikas, Ergo**; Pedo, Barbara; Tezel, Algan; Koskela, Lauri; **Veersoo, Markus** Sustainability 2022 / art. 12030 <https://doi.org/10.3390/su141912030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Digital meets smart : towards a technology-enhanced approach to smart specialisation strategy development**

**Mora, Luca**; Panori, Anastasia; Deakin, Mark; Ortega-Argiles, Raquel Regional studies 2022 / p. 1421-1428 <https://doi.org/10.1080/00343404.2022.2091775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Digital tools to support district regenerative design and scale jumping**

Naboni, Emanuele; **De Luca, Francesco** Scale Jumping: Regenerative Systems Thinking within the Built Environment. A guidebook for regenerative implementation: Interactions, tools, platforms, metrics, practice 2021 / p. 179-196 <https://www.eurestore.eu/wp-content/uploads/2021/10/Restore-WG5.pdf>

**Digital twins for cities and regions : global challenges, regional initiatives, European approaches**

Kern, Leyla; **Dembski, Fabian**; Wössner, Uwe EU Conference on modelling for policy support, 22-26 November 2021, Brussels : Abstracts 2021 / p. 51-54 [https://knowledge4policy.ec.europa.eu/sites/default/files/2021\\_EU\\_CONF\\_MOD\\_Booklet\\_of\\_abstracts.pdf](https://knowledge4policy.ec.europa.eu/sites/default/files/2021_EU_CONF_MOD_Booklet_of_abstracts.pdf)

**Digitalizing planning culture : a change towards information model-based planning in Finland**

**Nummi, Pilvi; Staffans, Aija**; Helenius, Otso Journal of Urban Management 2023 / p. 44 - 56 <https://doi.org/10.1016/j.jum.2022.12.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Discussion of "Rigid Water Column Model for Simulating the Emptying Process in a Pipeline Using Pressurized Air" by**

**Oscar E. Coronado-Hernández, Vicente S. Fuertes-Miquel, Pedro L. Iglesias-Rey, and Francisco J. Martínez-Solano** Hou, Qingzhi; Li, Shunda; Tijsseling, Arris S.; **Laanearu, Janek** Journal of hydraulic engineering 2020 / art. 07020001, 6 p. : ill [https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0001682](https://doi.org/10.1061/(ASCE)HY.1943-7900.0001682) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus (SARS-CoV-2)**

Tang, J.W.; Bahnfleth, William; Bluysen, P.M.; Buonanno, G.; Jimenez, J.L.; **Kumitski, Jarek** Journal of hospital infection 2021 / p. 89-96 <https://doi.org/10.1016/j.jhin.2020.12.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Displaced youth and culture : informal art and culture during the COVID-19 measures in Vienna and future potentials for public space**

**Dembski, Fabian** How pandemics shape the metropolitan space : impact of COVID-19 on urban development in Vienna and Tokyo 2023 / p. 141-156

**Double-hull breaching energy in ship-tanker collision**

Heinvee, Martin; **Tabri, Kristjan** Progress in the Analysis and Design of Marine Structures : proceedings of the 6th International Conference on Marine Structures (MARSTRUCT 2017), Lisbon, Portugal, 8-10 May 2017 2017 / p. 439-448 <https://www.taylorfrancis.com/books/e/9781351653411>

## **Driving decarbonisation of the EU building stock by enhancing a consumer centred and locally based circular renovation process**

Tisov, Ana; **Kuusk, Kalle**; Navarro Escudero, Miriam; **Pihelo, Peep**; **Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020

<https://doi.org/10.1051/e3sconf/202017218006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Dynamic calculations of thermal bridges in curtain wall and its effects on cooling loads and thermal delay**

Cahyadi, Muhammad Raffif; Alkadri, Miktha Farid; **De Luca, Francesco** Proceedings of the 28th International Conference on Computer-Aided Architectural Design Research in Asia (CAADRIA 2023), 21-23 March 2023 ; vol. 2 2023 / p. 441–450 : ill

<https://doi.org/10.52842/conf.caadria.2023.2.441>

## **Dynamic heating control measured and simulated effects on power reduction, energy and indoor air temperature in an old apartment building with district heating**

Hajian, Hatef; Ahmed, Kaiser; **Kurnitski, Jarek** Energy and buildings 2022 / art. 112174 <https://doi.org/10.1016/j.enbuild.2022.112174>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Dynamic processes of air-water flows in urban water systems = Õhu ja vee koosvoolamise dünaamilised protsessid linna veesüsteemides**

**Kaur, Katrin** 2022 <https://doi.org/10.23658/taltech.68/2022> <https://digikogu.taltech.ee/et/Item/0a655a67-74aa-457e-8640-e7b3ab212695>

[https://www.ester.ee/record=b5527832\\*est](https://www.ester.ee/record=b5527832*est)

## **Dynamic reading and delineation of urban areas – Applying cellular phone data in the case of Tallinn, Estonia**

Vanhatalo, Jaana; **Partanen, Jenni Vilhelmiina** ECTQG 2023 : Proceedings, Abstracts 2023 / p. 189-190

[https://ucpages.uc.pt/site/assets/files/1249198/ectqg\\_2023\\_proceedings\\_final.pdf](https://ucpages.uc.pt/site/assets/files/1249198/ectqg_2023_proceedings_final.pdf)

## **Dynamics of apartment building renovation investment costs based on Estonian reovation grant scheme**

**Miller, Grete**; **Lihtmaa, Lauri**; **Kalamees, Targo** Acta Polytechnica CTU proceedings 2022 / p. 579-584

<https://doi.org/10.14311/APP.2022.38.0579> [Journal metrics at Scopus](#) [Article at Scopus](#)

## **Dynatest LWD and stress dependency of materials**

**Kendra, Ain**; Eichfuss, Riho Международная юбилейная научно-техническая конференция "Автомобильные дороги :

безопасность и надежность", посвященная 90-летию Белорусской дорожной науки = International anniversary scientific and technical conference "Highways : safety and reliability", dedicated to the 90th anniversary of the Belarusian road science : сборник докладов, 22—23 ноября 2018 г., Минск : 2 ч. 2018 / с. 93-98 : табл

## **Early design clustering method considering equitable daylight distribution in the adaptive re-use of heritage buildings**

Szentesi-Nejur, Szende; Nejur, Andrei; De Luca, Francesco; **Madelat, Payam** eCAADe 2023 : Digital Design Reconsidered :

Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe ; vol. 2 Proceedings of the International Conference on Education and Research in Computer Aided Architectural Design in Europe 2023 / p. 105-114 <https://doi.org/10.52842/conf.ecaade.2023.2.105> [Conference proceedings at Scopus](#) [Article at Scopus](#)

## **Early experimental investigations on slotted-in steel plate connections with self-perforating dowels in CLT**

**Tuhkanen, Eero**; **Ojamaa, Martin** Wood material science and engineering Wood material science & engineering 2021 / p. 102-109

: ill <https://doi.org/10.1080/17480272.2019.1626482> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Easy-to-implement simulation strategies for dynamic glare risk assessment based on the European Daylighting Standard**

Bueno, Bruno; **Sepulveda Luque, Abel** 17th International Conference of the International Building Performance Simulation

Association (BS 2021), Bruges, Belgium, 1 – 3 September 2021 : proceedings 2021 / p. 1195-1202 [17th International Conference of the International Building Performance Simulation Association \(BS 2021\), Bruges, Belgium, 1 – 3 September 2021](#)

<https://doi.org/10.26868/25222708.2021.30208>

## **eCAADe RIS 2023 : Regenerating the City Performance-driven and Simulationbased Computational Design for Sustainable Cities and Communities : proceedings of the 9th Regional International Symposium on Education and Research in Computer Aided Architectural Design in Europe, 15-16 June 2023, Tallinn University of Technology**

2023 <https://digikogu.taltech.ee/et/Item/c29fc911-ec34-45da-afe6-bc1e8515e15d>

## **Editorial**

International journal of disaster resilience in the built environment 2020 / p. 1-2 <https://doi.org/10.1108/IJDRBE-02-2020-084> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Editorial deciphering convergence : novel insights and future ideas on science, technology, and industry convergence**

Appio, Francesco Paolo; Broring, Stefanie; Sick, Nathalie; Lee, Sungjoo; **Mora, Luca** IEEE Transactions on Engineering

Management 2023 / p. 1389 - 1401 <https://doi.org/10.1109/TEM.2023.3242518> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Eelpuhastus**

Taklai, Mart; Kriipsalu, Mait; Kõrgmaa, Vallo; Tõnisberg, Enn; **Lember, Erki**; Värk, Vahur Reoveepuhastuse käsiraamat 2023 / lk.





### **material to build five blocks of flats**

Rohemäe, Maria-Ann err.ee 2024 [Eesti piirialale punkrite ehitamiseks kulub viie korterelamu jagu materjali Bunkers development to require enough material to build five blocks of flats Эксперты рассказали, как будут выглядеть бункеры в приграничных районах Эстонии](#)

### **Eesti sildade kontroll satelliitide abil**

Sein, Sander Teeleht 2017 / lk. 14–15 : ill [https://www.mnt.ee/sites/default/files/road\\_paper\\_pdf/teeleht\\_25\\_07.pdf](https://www.mnt.ee/sites/default/files/road_paper_pdf/teeleht_25_07.pdf)  
[http://www.ester.ee/record=b1073043\\*est](http://www.ester.ee/record=b1073043*est)

### **Eesti teadlased muudavad veetorude rekonstrueerimine efektiivsemaks**

ehitusuudised.ee 2023 [Eesti teadlased muudavad veetorude rekonstrueerimine efektiivsemaks](#)

### **Eesti teadlased töötasid välja meetodi energiamärgise koheseks määramiseks**

director.ee 2023 [Eesti teadlased töötasid välja meetodi energiamärgise koheseks määramiseks](#) [Eestis töötati välja uudne energiamärgise määramise lahendus](#) [Eestis töötati välja uudne energiamärgise määramise lahendus](#)

### **Eesti teadlased töötasid välja meetodi kohese energiamärgise määramiseks**

jarvateataja.postimees.ee 2023 [Eesti teadlased töötasid välja meetodi kohese energiamärgise määramiseks](#)

### **Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016**

Soomere, Tarmo 2017 [http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017**

Soomere, Tarmo 2018 [http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Eesti Teaduste Akadeemia in words and images 2017**

Soomere, Tarmo; Pilt, Ebe 2018 [https://www.ester.ee/record=b5178522\\*est](https://www.ester.ee/record=b5178522*est)

### **Eesti Teaduste Akadeemia in words and images 2018**

Soomere, Tarmo; Suurväli, Piret; Pilt, Ebe; Steinberg, Külliki; Jakobson, Siiri; Järv, Jaak; Varblane, Urmas 2019  
[https://www.ester.ee/record=b5178522\\*est](https://www.ester.ee/record=b5178522*est)

### **Eesti Teaduste Akadeemia sõnas ja pildis 2017**

Soomere, Tarmo 2018 [http://www.ester.ee/record=b5054043\\*est](http://www.ester.ee/record=b5054043*est)

### **Eesti Teaduste Akadeemia sõnas ja pildis 2018**

Soomere, Tarmo 2019 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

### **[Eesti Teaduste Akadeemia] üldkogu aastakoosolek 20. aprillil 2018 : avasõna**

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018  
2019 / lk. 41-42

### **Eesti teedevõrgu järgmised sada aastat**

Sein, Sander Sada aastat Eesti teedele : Maanteeameti 100. sünnipäevale pühendatud uurimus 2018 / lk. 249

### **Eesti Vabariigi 2018. aasta teaduspreemia laureaadid TTÜst**

Vähi, Kersti; Buldas, Ahto; Kotta, Ülle; Kurnitski, Jarek; Raudla, Ringa *Mente et Manu* 2018 / lk. 26-27 : portr  
[https://www.ttu.ee/ttu-uudised/ajaleht-mente-et-manu/](https://www.ttu.ee/ttu-uudised/ajaleht-mente-et-manu/mente-et-manu/) [http://www.ester.ee/record=b1242496\\*est](http://www.ester.ee/record=b1242496*est)  
[https://artiklid.elnet.ee/record=b2836028\\*est](https://artiklid.elnet.ee/record=b2836028*est)

### **Eesti Vabariigi preemiad 2017 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport**

2017

### **Eesti Vabariigi preemiad 2018 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport**

2018 [https://www.ester.ee/record=b1226072\\*est](https://www.ester.ee/record=b1226072*est)

### **Eesti Vabariigi preemiad 2019 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport**

2019 [https://www.ester.ee/record=b1226072\\*est](https://www.ester.ee/record=b1226072*est)

### **Eesti, Läti ja Leedu võeti Põhjamaade Geodeesia Komisjoni ametlikeks liikmeteks**

Liibusk, Aive; Ellmann, Artu *Geodeet* 2022 / lk. 14-18 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

### **Eestil puudub ratsionaalne teadusplaan**

Piirimäe, Kristjan *Maaleht* 2019 / lk. 16

### **Eestis kehtima hakanud liginullenergiaõuete võrdlus naaberriikidega**

**Kurnitski, Jarek** Eesti Ehituskonsultatsiooniettevõtete Liit, EKEL : [aastaraamat] = Estonian Association of Architectural and Consulting Engineering Companies, EAACEC 2020 / lk. 23-26 : ill, fot [https://ekel.ee/images/files/failid/EKEL\\_AASTARAAMAT\\_2020.pdf](https://ekel.ee/images/files/failid/EKEL_AASTARAAMAT_2020.pdf)  
[https://www.ester.ee/record=b1222961\\*est](https://www.ester.ee/record=b1222961*est)

**Eestis loodud nutiventilatsiooniseade toob leevendust kehvale toaõhule : [ka J. Kurnitski kommentaaridega]**  
Linnaleht 2018 / lk. 17 : fot

**Eestis tasuta betoontee ehitamist siiski kaaluda**  
**Kendra, Ain** Transport ja Teed 2020 / lk. 11-13 : ill [http://www.ester.ee/record=b1073099\\*est](http://www.ester.ee/record=b1073099*est)

**Eestis töötati välja uudne energiamärgise määramise lahendus**  
Ehitaja 2023 / lk. 34 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est) [https://artiklid.elnet.ee/record=b2904595\\*est](https://artiklid.elnet.ee/record=b2904595*est)

**Eestlaste välja mõeldud uus tehnoloogia kiirendaks kortermajade kordategemist**  
Liiva, Siiri; **Kalamees, Targo** Eesti Päevaleht 2019 / lk. 17 <https://arileht.delfi.ee/artikkel/85632109/eestlaste-valja-moeldud-uus-tehnoloogia-kiirendaks-kortermajade-kordategemist>

**Efektivne, hea soojustuse ja planeeringuga maja**  
Vill, Ants Kodu & Ehitus : TM 2022 / lk. 8-10 : fot [https://www.ester.ee/record=b1740684\\*est](https://www.ester.ee/record=b1740684*est)

**Effect of bilge keel variations on the designed fast patrol boats to hull resistance and stability behaviours**  
Rahmaji, Tri; Prabowo, Aditya Rio; Muhyat, Nurul; Tuswan, Tuswan; Putranto, Teguh IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012048 <https://doi.org/10.1088/1755-1315/1166/1/012048> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Effect of freezing and thawing on the performance of “capillary active” insulation systems: a comparison of results from climate chamber study to HAM modelling**  
**Klõšeiko, Paul; Varda, Kadi; Kalamees, Targo** Energy procedia 2017 / P. 525-530 : ill <https://doi.org/10.1016/j.egypro.2017.09.714>  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Effect of hemp fiber surface treatment on the moisture/water resistance and reaction to fire of reinforced PLA composites**  
Alao, Percy Festus; Marrot, Laetitia; **Kallakas, Heikko; Just, Alar; Poltmae, Triinu; Kers, Jaan** Materials 2021 / art. 4332, 17 p. : ill <https://doi.org/10.3390/ma14154332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of Infector’s location and occupants’ activity level on airborne spread in a gym – an experimental and CFD study**  
Ejaz, Muhammad Farhan; Kilpeläinen, Simo; **Mikola, Alo; Kiil, Martin; Kurnitski, Jarek;** Kosonen, Risto E3S Web of Conferences : Roomvent Conference 2024 2024 / 5 p <https://invitepeople.com/public/events/fe41371a0b/pages/ed19d3ae89>

**The effect of material selection, design, and construction on the service life and appearance of a wooden building**  
**Kukk, Villu; Hiiekivi, Jürgen; Kalamees, Targo** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 144-145 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>  
[https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

**The effect of positive pressure on indoor air quality in a deeply renovated school building - a case study**  
Vornanen-Winqvist, Camilla; Toomla, Sander; Ahmed, Kaiser; **Kurnitski, Jarek;** Mikkola, Raimo; Salonen, Heidi Energy procedia 2017 / p. 165-170 : ill <https://doi.org/10.1016/j.egypro.2017.09.679> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**The effect of prestressing and temperature on tensile strength of basalt fiber-reinforced plywood**  
Löhmus, Rünno; **Kallakas, Heikko; Tuhkanen, Eero;** Gulik, Volodymyr; Kiisk, Madis; Saal, Kristjan; **Kalamees, Targo** Materials 2021 / art. 4701, 9 p. : ill <https://doi.org/10.3390/ma14164701> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effect of printing direction on the strength characteristics of a 3D printed concrete wall section**  
**Põldaru, Mattias; Tammkõrv, Karl; Tuisk, Tanel; Kiviste, Mihkel; Puust, Raido** Buildings 2023 / art. 2917  
<https://doi.org/10.3390/buildings13122917> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of process parameters on strength and carbonation of engineered building materials by calcium rich alkali wastes**  
**Usta, Mustafa Cem; Yörük, Can Rüstü; Gregor, Andre; Hain, Tiina; Uibu, Mai; Triikkel, Andres** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 40 [https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

**The effect of temperature, humidity and mechanical properties on crack formation on external thin plasters of ETICS**  
**Volkova, Kristina; Põldaru, Mattias; Ilomets, Simo; Kalamees, Targo; Talvik, Martin;** Heim, Dariusz Journal of physics : conference series 2021 / art. 012025, 8 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012025> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Effective cross-section method for timber frame assemblies – definition of coefficients and zero-strength layers**

**Tiso, Mattia; Just, Alar;** Schmid, Joachim; Klippel, Michael Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 20-24 : ill [Fire Safe Use of Bio-Based Building Product](#)

**Effective cross-sectional method for timber frame assemblies - definition of coefficients and zero strength layers**

**Tiso, Mattia; Just, Alar;** Schmid, Joachim; Klippel, Michael Fire and materials 2018 / p. 897-913 : ill <https://doi.org/10.1002/fam.2645>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effects of local factors on the concentrations and flora of viable fungi in school buildings**

Salonen, Heidi; Castagnoli, Emmanuelle; Vornanen-Winqvist, Camilla; **Kurnitski, Jarek** World Academy of Science, Engineering and Technology. International journal of civil and environmental engineering 2017 / p. 592-595 <http://scholar.waset.org/1307-6892/10007020>

**Effects of the sampling bias on retrieved modes of wave climate variations from satellite altimetry : Baltic Sea case study**

**Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo** 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int>

**The effects of timber species and adhesive type on the behavior of finger joints in tension under fire conditions**

Sciomenta, Martina; **Vihmann, Jane Liise; Tuhkanen, Eero; Just, Alar;** Fragiaco, Massimo Construction and building materials 2024 / art. 138080 <https://doi.org/10.1016/j.conbuildmat.2024.138080>

**Effects of ventilation improvement on measured and perceived indoor air quality in a school building with a hybrid ventilation system**

Vornanen-Winqvist, Camilla; Salonen, Heidi; **Kurnitski, Jarek** International journal of environmental research and public health 2018 / art. 1414, 18 p. : ill <https://doi.org/10.3390/ijerph15071414> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ehitiste niiskusturvalisuse juhend : RIL 107-2022**

2023 [https://www.ester.ee/record=b5645584\\*est](https://www.ester.ee/record=b5645584*est)

**Ehitus on muutumas digitaalseks**

Hint, Siie; **Kurnitski, Jarek** Eesti Päevaleht 2019 / Oma Äri, lk. 6

**Ehituse asjatundja: Eramu energiaklassi annab tõsta vähese vaevaga**

Laks, Liina Pärnu Postimees 2023 / Lk. 6 <https://dea.digar.ee/article/parnupostimees/2023/04/28/9.1>

**Ehituse Mäemaja - ülikooli uusim, tõhusaim ja ägedaim hoone**

**Kurnitski, Jarek** Mente et Manu 2021 / lk. 22-23 : dot [Mente et Manu 2/2021](#)

**Ehituse teekaart 2040 [Võrguväljaanne]**

Freimann, Maria; **Ilomets, Simo;** Karafin, Miina; **Kurnitski, Jarek** 2023 [https://rohetiiger.ee/wp-content/uploads/2023/04/EHITUSE-TEEKAART-2040-v1.pdf?fbclid=IwAR1\\_jjRZmtPtKibMUwLul\\_ru7btzHhmt2h2qceafhQJ6SXQtAqnPcXJwVs](https://rohetiiger.ee/wp-content/uploads/2023/04/EHITUSE-TEEKAART-2040-v1.pdf?fbclid=IwAR1_jjRZmtPtKibMUwLul_ru7btzHhmt2h2qceafhQJ6SXQtAqnPcXJwVs)

**Ehituseksperit: puidust ehitamine ei ole nii kliimasäästlik, kui arvatakse**

**Kontro, Kristin; Kertsmik, Kadri-Ann** delfi.ee 2024 [Ehituseksperit: puidust ehitamine ei ole nii kliimasäästlik, kui arvatakse](#)

**Ehitusfüüsik : pika plaanita jääb riik küttearveid lõputult kinni maksma [Võrguväljaanne]**

**Kalamees, Targo** novaator.err.ee 2022 [Ehitusfüüsik: pika plaanita jääb riik küttearveid lõputult kinni maksma](#)

**Ehitusfüüsika ja energiatõhususe uurimis- ja teadustaristu**

**Kalamees, Targo** 100 aastat TTÜ ehitusinseneri 2018 / lk. 303-309 : ill

**Ehitusgeodeesia õpetamisest Tallinna Tehnikaülikoolis**

**Metsvahi, Tiit; Ellmann, Artu** Geodeet 2018 / lk. 53-54 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

**Ehitusgeodeesia õpetamisest Tallinna Tehnikaülikoolis COVID-19 pandeemia esimesel aastal**

**Sein, Sander; Ellmann, Artu** Geodeet 2020 / lk. 49-51 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

**Ehitusgeodeesiast Tallinna Tehnikaülikoolis**

**Metsvahi, Tiit; Ellmann, Artu** Geodeet 2019 / lk. 61-63 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

**Ehitushanke kulukontroll**

**Nuuter, Tiina** 2019 [https://www.ester.ee/record=b5282071\\*est](https://www.ester.ee/record=b5282071*est)

**Ehitusinseneeria : iga õppija eest tuleb võidelda**

Leet, Lauri; Vilks, Urve; **Kurnitski, Jarek;** Kiisa, Martti Äripäev 2019 / Ehitusuudised, lk. 6

### **Ehitusinseneeria: iga õppija eest tuleb võidelda**

Leet, Lauri; Viik, Urve; **Kurnitski, Jarek** Äripäev 2019 / Ehitusuudised, lk. 6

### **Ehitusinsener - elukutse, mille nimi kõlab uhkelt**

Lill, Irene Ehitusest 2021 / lk. 26 : portr [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est)

### **Ehitusinseneri kutse piirid või piiritus**

**Kendra, Ain** Ehitaja 2020 / lk. 22 : portr [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

### **Ehitusjoonis : harjutusülesanded**

2018 [https://www.ester.ee/record=b5201937\\*est](https://www.ester.ee/record=b5201937*est)

### **Ehituskonverents - kõik on kohal!**

EhitusEST 2024 / lk. 4-5 : fot [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est)

### **Ehituskunst kui väetis = Fertile architecture**

**Paulus, Karin** Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2020 / lk. 16-29 : fot [http://www.ester.ee/record=b1072550\\*est](http://www.ester.ee/record=b1072550*est)

### **Ehituslik põletatud põlevkivi [Võrguteavik] : spetsifikatsioon, toimivus ja vastavus = Burnt shale for building materials : specification, performance and conformity**

2018 [https://www.ester.ee/record=b5171947\\*est](https://www.ester.ee/record=b5171947*est)

### **Ehitusmaterjalid**

**Raado, Lembi-Merike** 2018 [https://www.ester.ee/record=b5151207\\*est](https://www.ester.ee/record=b5151207*est)

### **Ehitusmehaanika : varraskonstruksioonide staatika : õpik kõrgkoolidele**

**Räämet, Andrus; Räämet, Raimund** 2018 [https://www.ester.ee/record=b5053865\\*est](https://www.ester.ee/record=b5053865*est)

### **Ehitusmehaanika : varraskonstruksioonide staatika : [õpik kõrgkoolidele]**

**Räämet, Andrus; Räämet, Raimund** 2022 <https://digikogu.taltech.ee/et/Item/ba0a57f3-6f4d-4fed-8207-ff7d14cbafe9>

### **Ehitusmeistrid heitlevad olevikuga, kuid vaatavad tulevikku**

Alver, Anne-Mari Eesti Ekspress 2023 / Lk. 16

### **Ehitusprofessorid: Praeguse tempoga muudame oma hooneid energiatõhusaks sada aastat**

Jarne, Aivar Pealinn 2023 / Lk. 11 [https://www.ester.ee/record=b1287116\\*est](https://www.ester.ee/record=b1287116*est) [Ehitusprofessorid: Praeguse tempoga muudame oma hooneid energiatõhusaks sada aastat](https://www.ester.ee/record=b1287116*est)

### **Ehitusraamatutest**

Masso, Tiit; **Räämet, Andrus** 100 aastat TTÜ ehitusinsenere 2018 / lk. 460-469 : ill

### **Ehitusteadlased appi rahvusraamatukogu rekonstrueerima**

**Kurnitski, Jarek** Äripäev 2019 / Ehitusuudised, lk. 8

### **Ehitusteadlased selgitavad : miks me kannatame siseruumides liiga kuiva õhu käes?**

**Nöges, Krõõt** Ehitaja 2020 / lk. 45-46 [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

### **Ehitusteadlased selgitavad, miks on talvel siseruumides liiga kuiv õhk [Võrguväljaanne]**

novaator.err.ee 2020 / fot [Ehitusteadlased selgitavad, miks on talvel siseruumides liiga kuiv õhk](https://www.ester.ee/record=b1072123*est)

### **Ehitusteaduskonnast ehituse ja arhitektuuri instituudiks**

**Kurnitski, Jarek** 100 aastat TTÜ ehitusinsenere 2018 / lk. 374-383 : portr

### **Ehitustegevuse kaardistamine kaugseirega**

**Puust, Raido** Horisont 2020 / lk. 49-53 : fot [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

### **Ehitustehniku arhitektuur : Leopold Tensingu majad Meriväljal**

**Hallas-Murula, Karin** Kunstiteaduslikke uurimusi = Studies on art and architecture = Studien für Kunstwissenschaft 2022 / lk. 100-132 : fot., ill [https://www.ester.ee/record=b1227310\\*est](https://www.ester.ee/record=b1227310*est)

### **Ehitustootluse instituut 1992-2016**

**Lill, Irene; Laur, Toomas; Raado, Lembi-Merike; Liias, Roode** 100 aastat TTÜ ehitusinsenere 2018 / lk. 312-316 : fot., ill

**Eksperdid: ajaloolised hooned vajavad kliimamuutuse eest läbimõeldumat kaitset**

**Truu, Murel; Kalamees, Targo;** Martin, Anni; Koit, Katrin novaator.err.ee 2024 [Eksperdid: ajaloolised hooned vajavad kliimamuutuse eest läbimõeldumat kaitset](#)

**Eksperdid: keskkonnasäästlik ehitamine tuleb teha inimestele elamisväärseks**

**Kurnitski, Jarek;** Lokk, Priidu delfi.ee 2024 [Eksperdid: keskkonnasäästlik ehitamine tuleb teha inimestele elamisväärseks](#)

**Eksperdid: kliimaseaduse väljatöötamine käib kiirrongi kiirusega, aga see ei tohi muuta kinnisvara inimestele kättesaamatult kalliks**

**Kurnitski, Jarek;** Lokk, Priidu postimees.ee 2024 [Eksperdid: kliimaseaduse väljatöötamine käib kiirrongi kiirusega, aga see ei tohi muuta kinnisvara inimestele kättesaamatult kalliks](#)

**Ekspert: korralikult renoveerides püsivad magalarajoonide hooned veel 100 aastat**

Sildvee, Reimo err.ee 2023 [Ekspert: korralikult renoveerides püsivad magalarajoonide hooned veel 100 aastat](#)

**Ekspert: Kuressaares tuleb ilmselt paar nädalat vett keeta, vanni minna ei soovita**

maaleht.delfi.ee 2023 [Ekspert: Kuressaares tuleb ilmselt paar nädalat vett keeta, vanni minna ei soovita](#)

**Ekspert: naastrehvid muutuvad tasapisi keskkonnasõbralikumaks**

novaator.err.ee 2024 [Ekspert: naastrehvid muutuvad tasapisi keskkonnasõbralikumaks](#)

**Ekspertarvamus Paide vanalinna muinsuskaitseala territooriumil asuvate nõukogude perioodil ehitatud hoonete kohta 2021** [https://www.muinsuskaitseamet.ee/sites/default/files/paide\\_ekspertarvamus\\_epi\\_tohvri.pdf](https://www.muinsuskaitseamet.ee/sites/default/files/paide_ekspertarvamus_epi_tohvri.pdf)

**Eksperptide memo valitsusele: tähelepanekud Estoniast tehtud videost [Võrguväljaanne]**

**Tabri, Kristjan** err.ee 2020 / fot [Eksperptide memo valitsusele: tähelepanekud Estoniast tehtud videost](#)

**Elamuehituses tuleb üha enam arvestada kuumade suvedega**

novaator.err.ee 2023 [Elamuehituses tuleb üha enam arvestada kuumade suvedega](#)

**Electric lighting predictions in the energy calculation methods**

**De Luca, Francesco; Simson, Raimo; Voll, Hendrik; Kurnitski, Jarek** Improving energy efficiency in commercial buildings and smart communities 2020 / p. 123-141 [https://doi.org/10.1007/978-3-030-31459-0\\_9](https://doi.org/10.1007/978-3-030-31459-0_9)

**Elegantsed ventilatsioonilahendused inseneride ja arhitektide koostööna**

Leet, Lauri Ehitaja 2017 / lk. 36-37 : fot [https://artiklid.elnet.ee/record=b2819288\\*est](https://artiklid.elnet.ee/record=b2819288*est)

**Elementrenoveerimine kui paneelilamu rätsepaülikond = Элементная реновация как костюм для панельного дома**

Trell, Kristel Elamu 2020 / lk. 11-14, 33-35 : fot [https://www.ester.ee/record=b1072137\\*est](https://www.ester.ee/record=b1072137*est)

**Elu naiste võimu all**

**Piirimäe, Kristjan** Maaleht 2020 / Lk. 12 : portr [https://www.ester.ee/record=b1072541\\*est](https://www.ester.ee/record=b1072541*est) <https://maaleht.delfi.ee/arvamus/kristjan-piirimae-imikute-hulgamise-vastu-voib-aidata-see-kui-emasid-ei-jaeta-uksi?id=88573623>

**Elupõhiste andmete kasutamine linnaplaneerimises = Urban planning driven by life-based data**

**Grišakov, Kristi** Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2021 / lk. 88-92 : ill

[https://www.ester.ee/record=b1072550\\*est](https://www.ester.ee/record=b1072550*est) <https://ajakirimaja.ee/>

**Embedment strength of cross-laminated timber for dowels in slotted-in steel plate connections**

**Tuhkanen, Eero;** Hübner, Ulrich World Conference on Timber Engineering 2021, WCTE 2021 2021 / art. 174133

<https://www.scopus.com/record/display.uri?eid=2-s2.0-85120756043&origin=inward&txGid=98d5f676d1869d4562b2d59b5e6a57e9>

**Emergent, adaptive and responsive urban landscape design strategies**

**De Luca, Francesco** Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi 2018 / p. 20–32 : ill

<https://www.maastikuarhitektuur.ee/acta/article/view/64/54> [https://www.ester.ee/record=b2731314\\*est](https://www.ester.ee/record=b2731314*est)

**Emerging renovation strategies and technical solutions for mass-construction of residential districts built after World War II in Europe**

**Lihntmaa, Lauri; Kalamees, Targo** Energy strategy reviews 2024 / art. 101282 <https://doi.org/10.1016/j.esr.2023.101282>

**Emission measurements with gravimetric impactors and electrical devices : An aerosol instrument comparison**

Salo, Laura; Mylläri, Fanni; Maasikmets, Marek; Niemelä, Ville; **Konist, Alar; Kupri, Hanna-Lii** Aerosol science and technology 2019 / p. 526-539 : ill <https://doi.org/10.1080/02786826.2019.1578858> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Emissions of DEHP-free PVC flooring**

Castagnoli, Emmanuelle; Backlund, Peter; Talvitie, Oskari; **Kurnitski, Jarek** Indoor air 2019 / p. 903-912 : ill  
<https://doi.org/10.1111/ina.12591> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Emotions analysis in public spaces for urban planning**

Kaklauskas, Arturas; Bardauskiene, D.; Cerkauskiene, R.; **Ubarste, Ieva**; Raslanas, S.; Radville, E.; Kaklauskaite, Ulijona; Kaklauskiene, Loreta Land Use Policy 2021 / Art. nr. 105458 <https://doi.org/10.1016/j.landusepol.2021.105458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Empirical evaluation of NB-IoT and CAT-M coverage for underground water system**

**Roosipuu, Priit; Annus, Ivar; Kuusik, Alar; Kändler, Nils; Alam, Muhammad Mahtab; Mürsepp, Ivo** IEEE Access 2024 / 14 p  
<https://doi.org/10.1109/ACCESS.2024.3478733>

### **Energia- ja elamumajandus peab olema taskukohane**

Kurnitski, Jarek postimees.ee 2023 [Energia- ja elamumajandus peab olema taskukohane](#)

### **Energiaarvestus toob selguse**

**Kurnitski, Jarek** Äripäev 2019 / Sisustaja, lk. 30

### **Energiat tootev teekate ei ole enam utoopia**

**Kendra, Ain** Transport ja Teed 2017 / lk. 16-18 : ill [http://www.ester.ee/record=b1073099\\*est](http://www.ester.ee/record=b1073099*est) [https://artiklid.elnet.ee/record=b2818050\\*est](https://artiklid.elnet.ee/record=b2818050*est)

### **Energiatõhusus - paradigma muutus ehituses**

**Kurnitski, Jarek** Horisont 2019 / lk. 20-26 : fot [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est)

### **Energy analysis in ice hockey arenas and analytical formula for the temperature profile in the ice pad with transient boundary conditions**

**Ferrantelli, Andrea**; Viljanen, Klaus; **Kurnitski, Jarek** Advances in building energy research 2021 / p. 499-522 : ill  
<https://doi.org/10.1080/17512549.2019.1615549> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Energy and hygrothermal performance challenges in the renovation of a over 100-year-old wooden apartment building into a nearly zero-energy building**

**Evard, Anni; Arumägi, Endrik; Lomp, Siim; Kalamees, Targo** 2nd International Conference on Moisture in Buildings 2023, 3-4 July 2023 2023 / 2 p <https://doi.org/10.14293/ICMB230053>

### **Energy and technical building systems - scientific and technological advances**

2020 <https://doi.org/10.3390/books978-3-03928-179-4>

### **Energy consumption characteristics based on monitored data : a school case study**

**Vassiljeva, Kristina; Matson, Margarita; Petlenkov, Eduard; Belikov, Juri; Thalfeldt, Martin; Kurnitski, Jarek** CLIMA 2022 : REHVA 14th HVAC World Congress 22nd-25th May in Rotterdam, The Netherlands 2022 / 5 p. : ill  
<https://doi.org/10.34641/clima.2022.274>

### **Energy efficiency of hydronic space-heating distribution systems in super-insulated residential buildings**

Georges, Laurent; Iwanek, Tomasz; **Thalfeldt, Martin** Building Simulation 2017 : proceedings of the 15th IBPSA Conference San Francisco, CA, USA, Aug. 7-9, 2017 2017 / p. 1576-1585 : ill [http://www.ibpsa.org/proceedings/BS2017/BS2017\\_421.pdf](http://www.ibpsa.org/proceedings/BS2017/BS2017_421.pdf)

### **Energy performance and indoor climate analysis in buildings**

2019 <https://www.mdpi.com/books/pdfview/book/1828> <https://doi.org/10.3390/books978-3-03921-380-1>

### **Energy performance certificate classes rating methods tested with data : how does the application of minimum energy performance standards to worst-performing buildings affect renovation rates, costs, emissions, energy consumption?**

**Ferrantelli, Andrea; Kurnitski, Jarek** Energies 2022 / art. 7552 <https://doi.org/10.3390/en15207552> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

### **Energy performance of buildings**

2020 [https://www.mdpi.com/journal/energies/special\\_issues/energy\\_performance\\_of\\_buildings](https://www.mdpi.com/journal/energies/special_issues/energy_performance_of_buildings)

### **Energy performance of ETICS integrated with a flexible photovoltaic panel**

Heim, Dariusz; Wieprzowicz, Anna; Knera, Dominika; **Ilomets, Simo; Kalamees, Targo**; Spitalsky, Zdeno Building simulation conference proceedings 2022 / p. 64-71 <https://doi.org/10.26868/25222708.2021.30194>

### **Energy performance, indoor air quality and comfort in new nearly zero energy day-care centres in northern climatic conditions**

**Kuusk, Kalle**; Kaiser, Ahmed; Lolli, Nicola; Johansson, Jan; Kouvola, Tero Hasu; Gunnarshaug Lien, Anne; **Arumägi, Endrik; Kalbe, Kristo; Hallik, Jaanus; Kurnitski, Jarek; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2019 / p. 7-16 <https://doi.org/10.5755/j01.sace.24.1.23228>

### **Energy pile field simulation in large buildings: validation of surface boundary assumptions**

**Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek** Energies 2019 / art. 770, 20 p. : ill <https://doi.org/10.3390/en12050770>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Energy pile field simulation in large buildings: validation of surface boundary assumptions**

**Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek** Energy and technical building systems - scientific and technological advances 2020 / p. 12-31 : ill <https://doi.org/10.3390/books978-3-03928-179-4>

### **Energy saving potential with smart thermostats in low-energy homes in cold climate**

**Kull, Tuule Mall; Penu, Karl-Rihard; Thalfeldt, Martin; Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 09009, 7 p. : ill  
<https://doi.org/10.1051/e3sconf/202017209009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Enhanced automatic calibration toolbox for SWMM5**

Proceedings of the Eleventh International Conference on Engineering Computational Technology 2022 / Paper 14.1  
<https://doi.org/10.4203/ccc.2.14.1>

### **Enhanced sustainability of aerated building blocks: Utilization of accelerated carbonation and oil shale ash in cement composites**

**Thomas, Adheena; Yörük, Can Rüstü; Pantšenko, Nata-Ly; Hain, Tiina; Uibu, Mai; Triikkel, Andres** Book of abstracts of 2nd Central and Eastern European Conference on Physical Chemistry & Material Science (CEEC-PCMS2) 2024 / p. 35-36  
<https://doi.org/10.5755/e01.9786090218693>

### **Enhancing CLT construction – Hygrothermal modelling, novel performance criterion, and strategies for end-grain moisture safety**

**Kalbe, Kristo; Pärn, Roland; Ruus, Aime; Kalamees, Targo** Journal of building engineering 2024 / art. 111411  
<https://doi.org/10.1016/j.jobee.2024.111411>

### **Enhancing urban vitality: integrating traditional metrics with big data and socio-economic insights**

**Osunkoya, Kofoworola Modupe; Partanen, Jenni** Journal of Spatial Information Science 2024 / p. 43-68  
<https://doi.org/10.5311/JOSIS.2024.29.357>

### **Enn Mellikov (1.04.1945-23.07.2018)**

**Soomere, Tarmo** Eesti Teaduste Akadeemia in words and images 2018 2019 / p. 14-15 : portr  
[https://www.ester.ee/record=b5178522\\*est](https://www.ester.ee/record=b5178522*est)

### **Enn Mellikov (1.04.1945-23.07.2018) : Tarmo Soomere järelhüü Enn Mellikovi ärasaatmisel akadeemia saalis 2. augustil 2018**

**Soomere, Tarmo** Eesti Teaduste Akadeemia sõnas ja pildis 2018 2019 / lk. 14-15 : portr

### **Ensemble hindcast of the wave properties in the Baltic Sea [Online resource]**

**Räämet, Andrus; Soomere, Tarmo** Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 42  
[https://www.baltic-earth.eu/multipledrivers2018/material/No.14\\_Tallinn2018.pdf](https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf)

### **Environmental impact assessment of continuous underwater noise in the Baltic Sea**

**Klauson, Aleksander; Mustonen, Mirko;** Folegot, Thomas; Tougaard, Jakob Marine pollution bulletin 2024 / art. 117105  
<https://doi.org/10.1016/j.marpolbul.2024.117105>

### **Environmental performance-driven urban design: parametric design method for the integration of daylight and urban comfort analysis in cold climates**

**De Luca, Francesco** Computer-aided architectural design. "Hello, Culture" : 18th International Conference, CAAD Futures 2019, Daejeon, Republic of Korea, June 26–28, 2019 : selected papers 2019 / p. 15-31 [https://doi.org/10.1007/978-981-13-8410-3\\_2](https://doi.org/10.1007/978-981-13-8410-3_2)  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Epistemological explanation of lean construction**

**Koskela, Lauri;** Ferrantelli, Andrea; Niiranen, Jarkko; **Pikas, Ergo;** Dave, Bhargav Journal of construction engineering and management 2019 / p. 04018131-1 -04018131-10 [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001597](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001597) [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Erinevate koormustingimustega maa-aluste torustike ehituslik projekteerimine. Osa 1, Üldnõuded [Võrguteavik] = Structural design of buried pipelines under various condition of loading. Part 1, General requirements**

2020 [https://www.ester.ee/record=b5373751\\*est](https://www.ester.ee/record=b5373751*est)

### **Eriolukord pani proovile õppejõudude leidlikkuse**

Stubender-Lõugas, Kreet Teeleht 2020 / lk. 16-17 . ill [https://www.ester.ee/record=b1073043\\*est](https://www.ester.ee/record=b1073043*est)



[https://www.mnt.ee/sites/default/files/road\\_paper\\_pdf/mnt\\_teeleht\\_suvi2020\\_nr100\\_veeb\\_1\\_1.pdf](https://www.mnt.ee/sites/default/files/road_paper_pdf/mnt_teeleht_suvi2020_nr100_veeb_1_1.pdf)

**Esimene Tallinki laev sai uued sõukruvi labad, mis vähendavad kütusekulu ja allveemüra**  
rohe.geenius.ee 2023 [Esimene Tallinki laev sai uued sõukruvi labad, mis vähendavad kütusekulu ja allveemüra](#)

**Esimesed kogemused sateliit-tehisavaradari (SAR) aktiivtransponderitega Eestis**  
**Varbla, Sander; Ellmann, Artu** Geodeet 2020 / lk. 30-35 : ill [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

**Estimating microplastics related to laundry wash and personal care products released to wastewater in major Estonian cities: a comparison of calculated and measured microplastics**  
**Ayankunle, Ayankoya Yemi; Buhhalko, Natalja; Pachel, Karin; Lember, Erki; Kõrgmaa, Vallo; Mishra, Arun; Lind, Kati**  
Journal of environmental health science and engineering 2023 / p. 225-237 <https://doi.org/10.1007/s40201-023-00856-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Estimating the impact of indoor relative humidity on SARS-CoV-2 airborne transmission risk using a new modification of the Wells-Riley model**  
**Aganovic, Amar; Bi, Yang; Cao, Guangyu; Drangsholt, Finn; Kurnitski, Jarek; Wargocki, Pawel** Building and environment 2021 / art. 108278, 14 p. : ill <https://doi.org/10.1016/j.buildenv.2021.108278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Estimating time constants for underfloor heating control**  
**Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek** Journal of physics : conference series 2019 / art. 012121, 6 p. : ill <https://doi.org/10.1088/1742-6596/1343/1/012121> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Estimation of energy-saving potential and indoor thermal comfort by the central control of the heating curve in old apartment buildings**  
**Hajian, Hatef; Ahmed, Kaiser; Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09002, 10 p. : ill <https://doi.org/10.1051/e3sconf/202124609002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Estimation of gap fraction and foliage clumping in forest canopies**  
**Kuusk, Andres; Pisek, Jan; Lang, Mait; Märdla, Silja** Remote sensing 2018 / art. 1153, 17 p. : ill <https://doi.org/10.3390/rs10071153> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Estimation of the share of total nutrient load from the territory of Estonia along the Narva river to the Baltic Sea**  
**Reihan, Alvina; Roosalu, Kati** Proceedings 2023 / art. 44 <https://doi.org/10.3390/proceedings2023092044>

## Estonia

**Merisaar, Maret** The greatest water management challenges in the Baltic Sea region 2023 2023 / p. 38-44 <https://irp.cdn-website.com/53007095>

## Estonia : [the More-Connect approach]

**Kalamees, Targo; Pihelo, Peep; Kuusk, Kalle** A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance 2018 / p. 50-55 : ill [Guide into renovation...](#)

## "Estonia" põhjakontakti modelleerimine ja avade tekkepõhjuste analüüs

**Tabri, Kristjan** Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 20-24 : ill [https://www.ester.ee/record=b4646644\\*est](https://www.ester.ee/record=b4646644*est)

## Estonian guideline for pavement geosynthetics

**Sillamäe, Sven** [The 29th Baltic Road Conference : 27-30 August 2017 Tallinn] 2017 / p. 16 : ill [Pavements and materials](#)

## Estonian nature

**Piirimäe, Kristjan** 2017 [https://www.ester.ee/record=b4671596\\*est](https://www.ester.ee/record=b4671596*est)

## Estonian researchers build a platform to make perfect indoor air conditions

estonianworld.com 2023 [Estonian researchers build a platform to make perfect indoor air conditions](#)

## Estonian traffic behaviour monitoring studies 2001-2016 : overview and results

**Ess, Juri; Antov, Dago** The Baltic journal of road and bridge engineering 2017 / p. 167-173 <https://doi.org/10.3846/bjrbe.2017.20> [http://www.ester.ee/record=b2222369\\*est](http://www.ester.ee/record=b2222369*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## Estonian urbanism 1935-1955 : the Soviet-era implementation of pre-war ambitions

**Sultson, Siim** Planning perspectives 2018 / p. 1-25 : ill <https://doi.org/10.1080/02665433.2017.1348977> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ettekandele järgnenud arutelu : [Eesti Energia juhatuse esimehe Hanno Sutteri ettekandele "Eesti energiamajanduse**

**kümne aasta väljavaade", peetud Eesti Teaduste Akadeemia üldkogul 7. detsembril 2022]**

Saari, Peeter; Sutter, Hando; Kurnitski, Jarek; Grossberg-Kuusk, Maarja Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 55-57 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

**EU fisheries policy and Estonia**

Merisaar, Maret Handbook of Green Economics : A Practitioner's Guide 2021 / p. 215-221 <https://www.gbv.de/dms/zbw/715770934.pdf>

**Eulerian–Eulerian RSTM-PDF modeling of turbulent particulate flow**

Kartušinski, Aleksander; Michaelides, Efstathios E.; Hussainov, Medhat; Štšeglov, Igor; Akhmadullin, Ildar Mathematics 2023 / art. 2647, 15 p. : ill <https://doi.org/10.3390/math11122647> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**EUREF2018 sümpoosion Amsterdams**

Kollo, Karin; Ellmann, Artu Geodeet 2018 / lk. 61 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

**Eurocode 5 – 2nd generation – fire design**

Just, Alar; Frangi, Andrea; Hakkarainen, Jouni; Schmid, Joachim; Werther, Norman; Krenn, Harald; Blondeau, Renaud 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 64-73 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> [https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

**Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 1-2, Üldreeglid. Tulepüsivus = Eurocode 2 : design of concrete structures. Part 1-2, General rules. Structural fire design**

2019 [https://www.ester.ee/record=b5272946\\*est](https://www.ester.ee/record=b5272946*est)

**Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 1-2, Üldreeglid. Tulepüsivus = Eurocode 2 : design of concrete structures. Part 1-2, General rules. Structural fire design**

2019 [https://www.ester.ee/record=b5272947\\*est](https://www.ester.ee/record=b5272947*est)

**Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 4, Kinnituste projekteerimine betooni : Eesti standardi rahvuslik lisa = Eurocode 2 : design of concrete structures. Part 4, Design of fastenings for use in concrete : Estonian national annex**

2018 [https://www.ester.ee/record=b5168553\\*est](https://www.ester.ee/record=b5168553*est)

**Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 4, Kinnituste projekteerimine betooni = Eurocode 2 : design of concrete structures. Part 4, Design of fastenings for use in concrete**

2018 <https://www.evs.ee/tooted/evs-en-1992-4-2018+na-2018>

**Eurokoodeks 2 [Võrguteavik] : betoonkonstruktsioonide projekteerimine. Osa 4, Kinnituste projekteerimine betooni = Eurocode 2 : design of concrete structures. Part 4, Design of fastenings for use in concrete**

2018 <https://www.evs.ee/tooted/evs-en-1992-4-2018>

**Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-4, Üldreeglid. Täiendavad reeglid roostevaba terase jaoks = Eurocode 3 : design of steel structures. Part 1-4, General rules. Supplementary rules for stainless steel**

2021 [https://www.ester.ee/record=b5417337\\*est](https://www.ester.ee/record=b5417337*est)

**Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-4, Üldreeglid. Täiendavad reeglid roostevaba terase jaoks = Eurocode 3 : design of steel structures. Part 1-4, General rules. Supplementary rules for stainless steel**

2021 [https://www.ester.ee/record=b5417334\\*est](https://www.ester.ee/record=b5417334*est)

**Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-5, Tasapinnalised konstruktsioonielemendid = Eurocode 3 : design of steel structures. Part 1-5, Plated structural elements**

2020 [https://www.ester.ee/record=b5303425\\*est](https://www.ester.ee/record=b5303425*est)

**Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-5, Tasapinnalised konstruktsioonielemendid = Eurocode 3 : design of steel structures. Part 1-5, Plated structural elements**

2020 [https://www.ester.ee/record=b5303956\\*est](https://www.ester.ee/record=b5303956*est)

**Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-6, Koorikkonstruktsioonide tugevus ja stabiilsus = Eurocode 3 : design of steel structures. Part 1-6, Strength and stability of shell structures**

2018 [https://www.ester.ee/record=b4767167\\*est](https://www.ester.ee/record=b4767167*est)

**Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 4-1, Puistemahutid = Eurocode 3 : design of steel structures. Part 4-1, Silos**

2018 [https://www.ester.ee/record=b4783423\\*est](https://www.ester.ee/record=b4783423*est)

### **Euroopa maastikukonventsioonist**

**Sinjäär, Urve; Konsa, Silja; Levald, Andres; Valk-Siska, Veronika; Grišakov, Kristi; Tintera, Jiri; Kupper, Kristiina; Nutt, Nele** 2019 [https://www.ester.ee/record=b5224222\\*est](https://www.ester.ee/record=b5224222*est)

### **Euroopa ringrenoveerimise projekt tõi Saue elanikele tänapäevase kodu = Рециклинговый Европейский проект дал жителям Сауэ новый дом**

Trell, Kristel Elamu 2022 / lk. 6-9 : fot.; c. 44-45 : фот [https://www.ester.ee/record=b1072137\\*est](https://www.ester.ee/record=b1072137*est)

### **Europarlamendi ettepanek tekitab Eestis renoveerimispaanika**

Gnadenteich, Uwe Postimees 2023 / lk. 6 <https://dea.digar.ee/article/postimees/2023/03/23/3.9>

### **European roadmap for the En-ActivETICS advancement and potential of the PV/PCM unventilated wall system application**

Heim, Dariusz; **Talvik, Martin**; Wieprzkowicz, Anna; **Ilomets, Simo**; Knera, Dominika; **Kalamees, Targo**; Czarny, Dariusz Energy and buildings 2023 / art. 113207 <https://doi.org/10.1016/j.enbuild.2023.113207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The European Smart Readiness Indicator (SRI) for buildings - in the making, get involved!**

Litiu, Andrei; Derjanecz, Anita; **Kurnitski, Jarek** The REHVA European HVAC journal 2018 / p. 47-52 : ill <https://www.rehva.eu/rehva-journal/detail/06-2018>

### **Evaluating construction education interventions**

**Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 138-149 [https://doi.org/10.1007/978-3-030-68201-9\\_49](https://doi.org/10.1007/978-3-030-68201-9_49) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Evaluating daylight factor standard through climate based daylight simulations and overheating regulations in Estonia**

**De Luca, Francesco; Kiil, Martin; Simson, Raimo; Kurnitski, Jarek; Murula, Rein** Proceedings of Building Simulation 2019 : 16th IBPSA International Conference and Exhibition, 2-4 Sept., Rome 2020 / p. 3968-3975 : ill <https://doi.org/10.26868/25222708.2019.210915>

### **Evaluating of sea surface heights from multi-mission satellite altimetry by utilizing hydrodynamic and geoid models**

**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / S5-032; 1 p [https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster\\_id=1566532](https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster_id=1566532)

### **Evaluating outdoor thermal comfort using a mixed-method to improve the environmental quality of a university campus**

**Eslamirad, Nasim; Sepulveda Luque, Abel; De Luca, Francesco; Lylykangas, Kimmo Sakari** Energies 2022 / art. 1577, 26 p. : ill <https://doi.org/10.3390/en15041577> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Evaluating the energy readiness of national building stocks through benchmarking**

**Ferrantelli, Andrea; Belikov, Juri; Petlenkov, Eduard; Thalfeldt, Martin; Kurnitski, Jarek** IEEE Access 2022 / p. 45430-45443 : ill <https://doi.org/10.1109/ACCESS.2022.3170716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Evaluation and comparison of LEED, BREEAM, and the 19th issue of National Building Regulations of Iran (NBRI) in perspective of sustainability by (MCDM) TOPSIS method**

Mahdavinjad, Mohammad Javad; Mehranrad, Mohammad; **Eslamirad, Nasim** Journal of the structural engineering and geotechnics 2019 [http://www.qjseg.ir/article\\_666046.html](http://www.qjseg.ir/article_666046.html)

### **An evaluation of boar spermatozoa as a biosensor for the detection of sublethal and lethal toxicity**

Castagnoli, Emmanuelle; Salo, Johanna; Toivonen, Matti S.; **Kurnitski, Jarek** Toxins 2018 / art. 463, 15 p. : ill <https://doi.org/10.3390/toxins10110463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Evaluation of elastic constants in composite laminates with guided wave tomography [Online resource]**

**Ratassepp, Madis**; Rao, Jing; Yu, X.; Fan, Zheng 12th European Conference on Non-destructive Testing : proceedings 2018 / 7 p. : ill <http://cdn.ecndt2018.com/wp-content/uploads/2018/05/ecndt-0597-2018-File001.pdf> <http://www.ecndt2018.com/programme/list-of-authors/>

### **Evaluation of immersive project-based learning experiences**

**Rüütman, Tiia; Witt, Emlyn David Qivitoq; Olowa, Theophilus Oluwarotimi Olatunde**; Puolitaival, Taija; Bragadin, Marco 18th CDIO : International Conference : proceedings - full papers 2022 / p. 313-323 [https://en.ru.is/media/cdio2022/CDIO\\_2022\\_Proceedings.pdf](https://en.ru.is/media/cdio2022/CDIO_2022_Proceedings.pdf)

### **Evaluation of low power wide area network technologies for smart urban drainage systems**

**Malik, Hassan; Kändler, Nils; Alam, Muhammad Mahtab; Annus, Ivar; Le Moullec, Yannick; Kuusik, Alar** 2018 IEEE : International Conference on Environmental Engineering, March 12-14, 2018 Milan Italy : conference proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/EE1.2018.8385262>

### Evaluation of microalgae production coupled with wastewater treatment

De Francisci, Davide; Su, Yixi; **lital, Arvo**; Angelidaki, Irini Environmental technology 2018 / p. 581–592 : ill

<https://doi.org/10.1080/09593330.2017.1308441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Evaluation of renovation strategies : cost-optimal, COle optimal, or total energy optimal

**Kertsmik, Kadri-Ann; Kuusk, Kalle; Lylykangas, Kimmo Sakari; Kalamees, Targo** Energy and buildings 2023 / art. 112995

<https://doi.org/10.1016/j.enbuild.2023.112995> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Evaluation of swot sea level data in the coastal areas of the Baltic Sea

**Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** 30 years of progress in radar altimetry symposium, Montpellier, France, 2-7. Sept. 2024 : Abstract book 2024 / p. 213, art. 426

<https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/338507f0dac84686b1d40a263ba347c6>

### Evaluation of zero-strength layer depths for timber members of floor assemblies with heat resistant cavity insulations

**Tiso, Mattia; Just, Alar**; Schmid, Joachim; **Mäger, Katrin Nele**; Klippel, Michael Fire safety journal 2019 / p. 137-148 : ill

<https://doi.org/10.1016/j.firesaf.2019.01.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Evaluation of the Component Additive Method until 90 minutes fire exposure

Rauch, Michael; Morelli, Maria Flavia; Wearther, Norman; **Just, Alar** Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 87-90 : ill [Fire Safe Use of Bio-Based Building Product](#)

### Evaluation of the literature syntheses on lean construction contributions to sustainability

Tetik, Müge; **Koskela, Lauri Jaakko; Pikas, Ergo; Vendel, Kädi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1027-1038 <https://doi.org/10.24928/2024/0194>

### Evidence based residential ventilation: sizing procedure and system solutions addressed by REHVA Residential Ventilation Task Force

**Kurnitski, Jarek; Thalfeldt, Martin**; Weele, Harry van; Toksoy, Macit; Carlsson, Thomas; Vladykova Bednarova, Petra; Seppänen, Olli E3S Web of Conferences : CLIMA 2019 Congress, May 26-29, 2019 2019 / art. 01016, 7 p

<https://doi.org/10.1051/e3sconf/201911101016> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### An exact solution of truss vibration problems

**Lahe, Andres; Braunbrück, Andres; Klauson, Aleksander** Proceedings of the Estonian Academy of Sciences 2019 / p. 244–263

: ill <https://doi.org/10.3176/proc.2019.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Examining and quantifying the role of transverse jets in coastal upwellings, from a Lagrangian transport perspective

**Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo; Ellmann, Artu** IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-2212 <http://iugg2019montreal.com/abstract-book.html>

### Examining coastal upwellings from a Lagrangian perspective in the Gulf of Finland, Baltic Sea

**Delpeche-Ellmann, Nicole Camille; Mingelaite, Toma; Soomere, Tarmo** Geophysical research abstracts 2017 / p. EGU2017-18648 <https://meetingorganizer.copernicus.org/EGU2017/EGU2017-18648.pdf>

### Examining Lagrangian surface transport during a coastal upwelling in the Gulf of Finland, Baltic Sea

**Delpeche-Ellmann, Nicole Camille; Mingelaite, Toma; Soomere, Tarmo** Journal of marine systems 2017 / p. 21-30 : ill

<https://doi.org/10.1016/j.jmarsys.2016.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Examining mean dynamic topography using geodetic and oceanographic approaches for the Baltic Sea

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Session 1 - Planet Ocean and Geodesy 2022 / 2 p <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/66B785FC-3925-ED11-84B6-00155D0B0940.pdf> <https://www.conferencemanager.dk/nkg-2022/sessions>

### Examining the performance of along track multi-mission satellite altimetry – a case study for Sentinel-6

Heinoja, Lenne-Liisa; **Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Journal of geodetic science 2023 / art. 20220159

<https://doi.org/10.1515/jogs-2022-0159> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Examining the performance of satellite altimetry along track sea level data for Sentinel-6, Jason3 and Sentinel-3

**Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 24 l. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

### Examining the performance of satellite altimetry (SWOT) sea level data in the coastal areas of the Baltic Sea

**Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu; Soomere, Tarmo** Journal of coastal research 2024 / p. 534-538 <https://doi.org/10.2112/JCR-S1113-105.1>

**Examining the performance of the sentinel-3 coastal altimetry in the Baltic Sea using a regional high-resolution Geoid model**

Birgiel, Elzbieta; **Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** 2018 Baltic Geodetic Congress : BGC Geomatics, Olsztyn, Poland, 21-23 June, 2018 : proceedings 2018 / p. 196–201 : ill <https://doi.org/10.1109/BGC-Geomatics.2018.00043>

**Examining the performance sentinel-3A SAR altimetry retracker and hydrodynamic models using a high-Resolution Geoid model in the Baltic Sea**

**Delpeche-Ellmann, Nicole Camille; Mostafavi, Majid; Ellmann, Artu** 12th Coastal Altimetry Workshop : Coastal Altimetry Training Course, 4-7 February, 2020 : European Space Agency ESRI, Frascati, Italy : abstracts 2020 / p. 14 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/ae128dad984c40168397660cc8d0ede7>

**Examining the role of bottom topography on coastal upwelling jets using a synergy of in-situ, satellite and model data in the Gulf of Finland, Baltic Sea**

**Delpeche-Ellmann, Nicole Camille; Döös, Kristofer; Viikmäe, Bert; Soomere, Tarmo** Geophysical research abstracts 2018 / p. EGU2018-15364 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-15364.pdf>

**Exhaust air heat pump connection schemes and balanced heat recovery ventilation effect on district heat energy use and return temperature**

**Thalfeldt, Martin; Kurnitski, Jarek; Latšov, Eduard** Applied thermal engineering 2018 / p. 402-414 : ill <https://doi.org/10.1016/j.applthermaleng.2017.09.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental analysis of cross-laminated timber rib panels at normal temperature and in fire**

Kleinherz, Miriam; **Just, Alar; Frangi, Andrea** Engineering structures 2021 / art. 113091, 14 p. : ill <https://doi.org/10.1016/j.engstruct.2021.113091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental analysis of emission efficiency of parallel and serial connected radiators in EN442 test chamber**

**Võsa, Karl-Villem; Ferrantelli, Andrea; Kull, Tuule Mall; Kurnitski, Jarek** Applied thermal engineering 2018 / p. 531–544 : ill <https://doi.org/10.1016/j.applthermaleng.2017.12.109> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental analysis of moisture uptake and dry-out in CLT end-grain exposed to free water**

**Kalbe, Kristo; Annuk, Alvar; Ruus, Aime; Kalamees, Targo** Journal of Physics: Conference Series 2021 / art. 012050 <https://doi.org/10.1088/1742-6596/2069/1/012050> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Experimental and numerical modelling of stratified exchange flows and blocking over a submerged sill**

Cuthbertson, Alan; Berntsen, Jarle; **Laanearu, Janek; Asplin, Magdeli** 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 237-238 : ill <https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

**Experimental challenges of guided wave tomography based on full waveform inversion for a pipe bend**

**Rasgado-Moreno, Carlos-Omar; Xu, Panpan; Ratsessepp, Madis** Guided Ultrasonic Waves: Emerging Methods (GUWEM): Linslerhof, Germany, 8-11 July 2024 : Abstracts 2024 / p. 30 <https://doi.org/10.5281/zenodo.12517188>

**Experimental data on filling and emptying of a large-scale pipeline**

Chen, Xifeng; Hou, Qingzhi; **Laanearu, Janek; Tijsseling, Arris S.** Scientific data 2024 / art. 603 <https://doi.org/10.1038/s41597-024-03441-7>

**Experimental dataset on aluminium wedge slamming: Measurements of acceleration, pressure, strain, and video data**

**Hosseinzadeh, Saeed; Tabri, Kristjan; Sahl, Tarmo; Teär, Ruttar** Data in brief 2024 / art. 110818 <https://doi.org/10.1016/j.dib.2024.110818>

**Experimental determination of radiator, underfloor and air heating emission losses due to stratification and operative temperature variations**

**Maivel, Mikk; Ferrantelli, Andrea; Kurnitski, Jarek** Energy and buildings 2018 / p. 220-228 : ill <https://doi.org/10.1016/j.enbuild.2018.01.061> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental investigation of air distribution and ventilation efficiency in an ice rink arena**

Toomla, Sander; Lestinen, Sami; Kilpeläinen, Simo; Leppä, Lauri; Kosonen, Risto; **Kurnitski, Jarek** International journal of ventilation 2019 / p. 187-203 : ill <https://doi.org/10.1080/14733315.2018.1437881> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental measurements of momentum changes at hydraulic jump in a transparent horizontal pipe**

**Kaur, Katrin; Annus, Ivar; Laanearu, Janek** Papers presented at 13th International Conference on Pressure Surges, Bordeaux, France, 14th-16th November, 2018 ; volume 2 2018 / p. 925–935 : ill

**Experimental observation of crack formation on surface of charring timber**

Rinta-Paavola, Aleksii; **Ferrantelli, Andrea; Hostikka, Simo** Fire safety journal 2024 / art. 104231 <https://doi.org/10.1016/j.firesaf.2024.104231>

**Experimental study of eddy viscosity for breaking waves on sloping bottom and comparisons with empirical and numerical predictions**

**Oldekop, Nelly;** Liiv, Toomas; **Laanearu, Janek** Proceedings of the Estonian Academy of Sciences 2019 / p. 299–312 : ill <https://doi.org/10.3176/proc.2019.3.07> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_3/proc-2019-3-299-312.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_3/proc-2019-3-299-312.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental study of radiator, underfloor, ceiling and air heater systems heat emission performance in TUT nZEB test facility**

**Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 04005, 7 p <https://doi.org/10.1051/e3sconf/201911104005> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Experimental study of the charring of I-joists and recession of combustible insulation in light timber frame assemblies with comparison to Eurocode 5**

Bøe, Andreas Sæter; **Mäger, Katrin Nele;** Friquin, Kathinka Leikanger; **Just, Alar** Fire Technology 2023 / p. 3283 - 3325 <https://doi.org/10.1007/s10694-023-01464-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental study of uni- and bi-directional exchange flows in a large scale rotating trapezoidal channel**

De Falco, Maria Chiara; Adduce, Claudia; Cuthbertson, Alan; Negretti, Maria Eletta; **Laanearu, Janek;** Malcangio, Daniela; Sommeria, Joel Physics of Fluids 2021 / art. 036602, 17 p. : ill <https://doi.org/10.1063/5.0039251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experimental study on hygrothermal performance and durability of sandwich wall panels made of fiber reinforced AAC and PU foam insulation**

**Klõšeiko, Paul; Talvik, Martin; Kaljuvee, Kaire; Tuisk, Tanel; Ilomets, Simo; Kalamees, Targo** Multiphysics and Multiscale Building Physics: Proceedings of the 9th International Building Physics Conference (IBPC 2024) ; Volume 3: Building Systems and HVAC Technologies 2025 [https://doi.org/10.1007/978-981-97-8313-7\\_42](https://doi.org/10.1007/978-981-97-8313-7_42)

**Experimental study on the dynamic response of a 3-D wedge under asymmetric impact**

**Hosseinzadeh, Saeed; Tabri, Kristjan** Journal of hydrodynamics 2024 / p. 263-274 <https://doi.org/10.1007/s42241-024-0023-9>

**Experimental testing of exterior wall mounted mechanical ventilation exhaust air outlet devices**

**Palmiste, Ülar; Meier, Tauno; Kurnitski, Jarek; Voll, Hendrik** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 02001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124602001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Experimental validation of simulation and measurement-based overheating assessment approaches for residential buildings**

**Simson, Raimo; Kurnitski, Jarek; Kuusk, Kalle** Architectural science review 2017 / p. 192-204 : ill <https://doi.org/10.1080/00038628.2017.1300130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Experiments on Microclimatically adapt a courtyard to climate change**

Naboni, Emanuele; Siani, Rossella; Turrini, Marcello; Touloupaki, Eleftheria; Gherri, Barbara; **De Luca, Francesco** Iop Conference Series: Earth and Environmental Science 2023 / art. 012032 <https://doi.org/10.1088/1755-1315/1196/1/012032> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Expert: Soviet-era apartment blocks may last another century if maintained**

Sildvee, Reimo news.err.ee 2023 [Expert: Soviet-era apartment blocks may last another century if maintained](#)

**Expert: Studded tired slowly becoming more environmentally friendly**

Piir, Rait news.err.ee 2024 [Expert: Studded tired slowly becoming more environmentally friendly](#)

**Experts: Traffic in Tallinn comparable to Western Europe in the 1970s**

Piir, Rait news.err.ee 2024 [Experts: Traffic in Tallinn comparable to Western Europe in the 1970s](#)

**Exploration of lean construction in Japan and its paradoxical stance**

Shigaki, Jeferson Shin-Iti; **Koskela, Lauri Jaakko;** Tezel, Algan; Pedo, Barbara Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1219-1231 <https://doi.org/10.24928/2024/0193>

**An explorative analysis of European standards on building information modelling**

Bolpagni, Marzia; Bosché, Frédéric; de Boissieu, Aurélie; Akbarieh, Arghavan; Shaw, Conor; Mêda, Pedro; **Puust, Raido;** Medineckiene, Milena; Popov, Vladimir; Sacks, Rafael Proceedings of the 2022 European Conference on Computing in Construction 2022 / p. 363-369 <https://doi.org/10.35490/EC3.2022.170>

**Exploring the performance of CLT external walls enhanced with wood-fibre-based ETICS: preliminary field measurement insights**

**Kukk, Villu; Kalamees, Targo** Multiphysics and Multiscale Building Physics: Proceedings of the 9th International Building Physics Conference (IBPC 2024) ; Volume 3: Building Systems and HVAC Technologies 2025 / p. 392-397 [https://doi.org/10.1007/978-981-97-8313-7\\_54](https://doi.org/10.1007/978-981-97-8313-7_54)

### **Exploring the spectrum of urban area key figures using data from Finland and proposing guidelines for delineation of urban areas**

Vanhatalo, Jaana; **Partanen, Jenni Vilhelmiina** Land use policy 2022 / art. 105822, 12 p. : ill

<https://doi.org/10.1016/j.landusepol.2021.105822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Exposure to indoor air contaminants in school buildings with and without reported indoor air quality problems**

Voronen-Winqvist, Camilla; **Järvi, Kati**; Andersson, Maria A.; **Kurnitski, Jarek** Environment international 2020 / art. 105781, 14 p. :

ill <https://doi.org/10.1016/j.envint.2020.105781> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Extent of geotechnical site investigations for buildings in Estonia**

**Leetsaar, Lehar**; Korkiala-Tanttu, Leena; Jaaniso, Valdo; **Kurnitski, Jarek**; **Idnum, Juhan** 14th Baltic Sea Region Geotechnical Conference : 18-19th of January 2021, Helsinki, Finland 2021 / art. 012001, 12 p. : ill <https://doi.org/10.1088/1755-1315/727/1/012001>

[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Facade-floor-cluster methodology for determining optimal building clusters for solar access and floor plan layout in urban environments**

**De Luca, Francesco**; Nejur, Andrei; Dogan, Timur eCAADe 2018 : Computing for a better tomorrow : proceedings of the 36th International Conference on Education and Research in Computer Aided Architectural Design in Europe : 19th-21st September 2018, Łódź, Poland, Faculty of Civil Engineering, Architecture and Environmental Engineering, Lodz University of Technology ; Vol. 2 2018 / p. 585-594 <https://doi.org/10.52842/conf.ecaade.2018.2.585> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Facilitating BIM-enabled learning in construction education = BIM'i kasutamise ehitusinseneride koolituses**

**Olowa, Theophilus Oluwarotimi Olatunde** 2022 <https://doi.org/10.23658/taltech.19/2022> <https://digikogu.taltech.ee/et/Item/830d134c-4cb9-435a-8e42-ad8f45754ec7> [https://www.ester.ee/record=b5499111\\*est](https://www.ester.ee/record=b5499111*est)

### **Factors affecting performance of municipal wastewater treatment plants = Olmereoveepuhastite tõhusust mõjutavad tegurid**

**Kõrgmaa, Vallo** 2020 <https://digikogu.taltech.ee/et/Item/0ca84c6c-dde8-44fb-b33c-9b15161eadcc> [https://www.ester.ee/record=b5391360\\*est](https://www.ester.ee/record=b5391360*est)

### **Factors affecting SVI in small scale WWTPs**

**Kõrgmaa, Vallo**; Kriipsalu, Mait; Tenno, Taavo; **Lember, Erki**; **Kuusik, Argo**; Lemmiksoo, Vallo; **Pachel, Karin**; **Iital, Arvo** Water science & technology Water science and technology 2019 / p. 1766–1776 <https://doi.org/10.2166/wst.2019.177> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Factors affecting the deep renovation of a single-family building – a case study**

**Bergmann, Triinu**; **Ruus, Aime**; **Kalbe, Kristo**; **Kiviste, Mihkel**; **Tintera, Jiri** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 05004, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124605004> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Failure analysis of a spray polyurethane foam roofing system**

**Kalamees, Targo**; **Põldaru, Mattias**; **Ilomets, Simo**; **Klõšeiko, Paul**; **Kallavus, Urve**; **Rosenberg, Margit**; **Õiger, Karl** Journal of building engineering 2020 / art. 101752, 9 p. : ill <https://doi.org/10.1016/j.jobee.2020.101752> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fall-off times of gypsum boards**

Kraudok, Kairit; **Mäger, Katrin Nele**; **Just, Alar** Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 83-86 : ill [Fire Safe Use of Bio-Based Building Product](#)

### **Fast ship prototype design simulation with fin stabilizer on hydrodynamic characteristics for ship realization planning**

Diatmaja, Hananta; Prabowo, Aditya Rio; Muhayat, Nurul; Tuswan, Tuswan; **Putranto, Teguh** IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012047 <https://doi.org/10.1088/1755-1315/1166/1/012047> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Fast shoreline erosion induced by ship wakes in a coastal lagoon : field evidence and remote sensing analysis**

Zaggia, Luca; Lorenzetti, Giuliano; Manfe, Giorgia; **Soomere, Tarmo** PLoS ONE 2017 / art. e0187210, p. 1-23 : ill

<https://doi.org/10.1371/journal.pone.0187210> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A feasibility study of municipal solid waste incineration fly ash utilisation in Estonia**

**Berber, Hakan**; Frey, Ruedi; **Voronova, Viktoria**; Koroljova, Arina Waste management and research 2017 / p. 904-912 : ill

<https://doi.org/10.1177/0734242X17707574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Fermi Energia uue põlvkonna tuumaenergia konverents „Tark rahvas, tark energia“**

### **Fibenol katsetab ligniini sobivust bituumeni asendajana**

**Kontson, Karli**; Peebo, Karl Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2022 / lk. 93-98 : fot  
<https://transpordiamet.ee/digiajakiri/nr4#Teejuht> [https://www.ester.ee/record=b5495900\\*est](https://www.ester.ee/record=b5495900*est)

### **Fiber orientation in the bottom layer of a small fiber concrete plate**

**Herrmann, Heiko; Tuisk, Tanel; Braunbrück, Andres** Colloquium 582 : Short Fibre Reinforced Cementitious Composites and Ceramics : book of abstracts, March 20-22, 2017 2017 / p. [14-15] : ill [http://www.ester.ee/record=b4658990\\*est](http://www.ester.ee/record=b4658990*est)

### **Fiber-reinforced plywood: Increased performance with less raw material**

**Saal, Kristjan; Kallakas, Heikko; Tuhkanen, Eero; Just, Alar; Rohumaa, Anti; Kers, Jaan; Kalamees, Targo; Lõhmus, Rünno** Materials 2024 / art. 3218 <https://doi.org/10.3390/ma17133218>

### **Field measurements and simulation of an massive wood panel envelope with ETICS**

**Kukk, Villu; Kers, Jaan; Kalamees, Targo** Wood material science and engineering 2021 / p. 27-34 : ill  
<https://doi.org/10.1080/17480272.2020.1712738> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Field measurements of a MHM envelope with ETICS**

**Kukk, Villu; Kalamees, Targo; Kers, Jaan** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 48-49 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

### **5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings**

2024 <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> [https://www.ester.ee/record=b5668645\\*est](https://www.ester.ee/record=b5668645*est)

### **Financing mechanisms for disaster risk reduction in the built environment**

**Witt, Emlyn David Qivitoq; Lill, Irene** Proceedings of the 9th Nordic Conference on Construction Economics and Organization : 13-14 June, 2017 at Chalmers University of Technology, Göteborg, Sweden 2017 / p. 514-524 : ill [https://creon-net.org/wp-content/uploads/2017/07/9th\\_Proceedings.pdf](https://creon-net.org/wp-content/uploads/2017/07/9th_Proceedings.pdf)

### **Finnish energy renovation subsidies in multifamily apartment buildings : Lessons learnt and best practices**

Hajian, Hatef; Pylsy, Petri; **Simson, Raimo**; Ahmed, Kaiser; Sankelo, Paula; **Mikola, Aho; Kurnitski, Jarek** Energy and buildings 2024 / art. 113986 <https://doi.org/10.1016/j.enbuild.2024.113986>

### **Fire and mechanical properties of hemp and clay boards for timber structures**

**Kallakas, Heikko; Liblik, Johanna; Alao, Percy Festus; Poltimäe, Triinu; Just, Alar; Kers, Jaan** IOP conference series : earth and environmental science Central Europe towards Sustainable Building (CESB19) 2-4 July 2019, Prague, Czech Republic 2019 / art. 012019, 8 p. : ill <https://doi.org/10.1088/1755-1315/290/1/012019> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Fire design method of timber frame elements with bio-based insulation**

Werther, Norman; Hofmann, Veronika; Kammerer, Elisabeth; Rauch, Michael; Winter, Stefan; **Mäger, Katrin Nele** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 82-83 [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

### **Fire design model for timber frame assemblies with rectangular and I-shaped members**

**Mäger, Katrin Nele; Tiso, Mattia; Just, Alar** Wood & Fire Safety : proceedings of the 9th International Conference on Wood & Fire Safety 2020 2020 / p. 268-274 [https://doi.org/10.1007/978-3-030-41235-7\\_40](https://doi.org/10.1007/978-3-030-41235-7_40)

### **Fire design of CLT in Europe**

Östman, Birgit; Schmid, Joachim; Klippel, Michael; **Just, Alar**; Werther, Norman; Brandon, Daniel Wood and Fiber Science 2018 / p. 68-82 <https://doi.org/10.22382/wfs-2018-041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fire design of cross-laminated timber and glulam rib panels**

Kleinhenz, Miriam; **Just, Alar**; Frangi, Andrea Proceedings of the III Forum Wood Building Baltic, Riga Technical University, 09-10.05, 2022, Riga, Latvia 2022 / p. 32-33 <https://forumwoodbuilding.rtu.lv/wp-content/uploads/sites/37/2022/05/FWBB2022-2022.05.09-speakers-day-1-and-2.pdf>

### **Fire design of I-joists in wall assemblies**

**Mäger, Katrin Nele; Just, Alar** Proceedings of the II Forum Wood Building Baltic 2021 / p. 72-73 <https://issuu.com/fwbb/docs/fwbb2021>

### **Fire design of initially protected CLT**

**Mäger, Katrin Nele; Kraudok, Kairit; Liblik, Johanna; Just, Alar** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 76-77 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

### **Fire design of timber frame assemblies - a proposal for the next revision of EN 1995-1-2**

**Tiso, Mattia; Just, Alar** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 78-79 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)



### **Fire performance of CLT – a task group report of COST Action FP1404**

Klippel, Michael; Schmid, Joachim; Werther, Norman; **Just, Alar** Fire performance of CLT – A Task Group Report of COST Action FP1404 2018 / p. 65-71 [Fire Safe Use of Bio-Based Building Product](#)

### **Fire protection provided by clay and lime plasters**

**Liblik, Johanna; Küppers, Judith; Maaten, Birgit; Just, Alar** Wood Material Science & Engineering 2021 / p. 290-298

<https://doi.org/10.1080/17480272.2020.1714726> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fire protection provided by clay and lime plasters : [conference paper]**

**Liblik, Johanna; Küppers, Judith; Maaten, Birgit; Just, Alar** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-

1.03.2019, Tallinn] 2019 / p. 84-85 : ill [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

### **Fire protection provided by insulation materials - a new design approach for timber frame assemblies**

**Tiso, Mattia; Just, Alar** Structural engineering international 2017 / p. 231-237 <https://doi.org/10.2749/101686617X14881932435899>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fire resistance of timber frame assemblies with cavities partially filled by insulation materials [Online resource]**

**Tiso, Mattia; Just, Alar** Structures in Fire, SiF'2018 : 10th International Conference on Structures in Fire 2018 / p. 233-240 : ill

<http://www.structuresinfire.com/corpo/conferences/sif18.pdf>

### **Fire safety in timber buildings**

Buchanan, Andrew; Dunn, Andrew; **Just, Alar**; Klippel, Michael; Maluk, Christian; Östman, Birgit; Wade, Colleen Fire safe use of

wood in buildings : global design guide 2022 / p. 33-62 : ill <https://doi.org/10.1201/9781003190318-2>

### **Fire safety of historic timber buildings with traditional plasters in Europe**

**Liblik, Johanna; Küppers, Judith; Just, Alar** WCTE 2018 - World Conference on Timber Engineering 2018 [Fire safety...](#)

### **Fire separating function of wood-based materials**

**Mäger, Katrin Nele**; Werther, Norman; **Just, Alar**; Frangi, Andrea Book of abstracts of the final conference COST FP 1404 "Fire

Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 31-35 : ill [Fire Safe Use of Bio-Based Building Product](#)

### **Fire tests on glued-laminated timber beams with specific local material properties**

Fahmi, Reto; Klippel, Michael; **Just, Alar**; Ollinoc, A.; Frangi, Andrea Fire safety journal 2019 / p. 161-169 : ill

<https://doi.org/10.1016/j.firesaf.2017.11.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fire-separating assemblies**

Werther, Norman; Dagenais, Christian; **Just, Alar**; Wade, Colleen Fire safe use of wood in buildings : global design guide 2022 / p.

193-226 : ill <https://doi.org/10.1201/9781003190318-6>

### **First results from a benchmarking of quality control frameworks**

Kedar, A.; **Sein, Sander** Life cycle analysis and assessment in civil engineering: towards an integrated vision : proceedings of the

Sixth International Symposium on Life-Cycle Civil Engineering (IALCCE 2018), 28-31 October 2018, Ghent, Belgium 2019 / p.

1799–1804 : ill <https://www.taylorfrancis.com/books/9781351857574> <https://doi.org/10.1201/9781315228914>

### **Flexible data acquisition system with custom front-end for ultrasonic NDT research**

**Peng, Chengxiang; Ratassepp, Madis; Annus, Paul; Rist, Marek; Land, Raul; Märtens, Olev** 2024 19th Biennial Baltic

Electronics Conference (BEC) 2024 / 4 p <https://doi.org/10.1109/BEC61458.2024.10737989>

### **Flow dynamics in a pipe containing uneven roughness elements**

**Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Truu, Murel; Kändler, Nils** WDSA CCWI : proceedings book 2022 / 11 p. : ill

<https://drive.google.com/file/d/1sTPCrwL.Pmq-2C0-NX8siSFwP9WLId54A/view>

### **Fluid-structure interaction analysis of impact-induced loads and hydroelastic responses of ship structures = Vedeliku ja konstruktsiooni vastasmõju analüüs löökkormuste ja konstruktsiooni hüdroelastse vaste hindamiseks**

**Hosseinzadeh, Saeed** 2023 <https://doi.org/10.23658/taltech.59/2023> [https://digikogu.taltech.ee/et/Item/eb163b6d-295e-4e54-bc05-](https://digikogu.taltech.ee/et/Item/eb163b6d-295e-4e54-bc05-6d6042ed643b)

[6d6042ed643b](https://www.ester.ee/record=b5640851*est) [https://www.ester.ee/record=b5640851\\*est](https://www.ester.ee/record=b5640851*est)

### **Food recognition and food waste estimation using convolutional neural network**

Lubura, Jelena; Pezo, Lato; Sandu, Mirela Alina; **Voronova, Viktoria**; Donsi, Francesco; Šic Žlabur, Jana; Ribic, Bojan; Peter,

Anamarija; Šuric, Jona; Brandic, Ivan; **Klõga, Marija** Electronics 2022 / art. 3745 <https://doi.org/10.3390/electronics11223746> [Journal](#)

[metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fookuses : Eneli Liisma**

Teder, Erik; **Liisma, Eneli** Studioosus 2019 / lk. 6-9 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Foranstaltninger imod luftbåren transmission af smitsomme sygdomme**

Wargocki, Pawel; Melikov, Arsen Kriko; Bivolarova, Mariya; Nielsen, Peter V.; Heiselberg, Per; Afshari, Alireza; Zhang, Chen; Schild, Peter G.; Gao, Guangyu; **Kurnitski, Jarek** HVAC magasinet : magasin for klima- & energiteknik, miljø, bygningsinstallationer & -netværk 2020 / p. 10-12 <https://ipaper.ipapercms.dk/TechMedia/HVACMagasinet/2020/6/?page=10#/>

### **Forecasting of absolute dynamic topography by utilizing machinelearning with synergy of satellite altimetry data**

**Delpeche-Ellmann, Nicole Camille**; Rajabi-Kiasari, Saeed; **Ellmann, Artu** 13th Coastal Altimetry Workshop & Coastal Altimetry Training, 6-10 February 2023, Universidad de Cádiz, Spain : abstract 2023 / p. 42  
<https://www.coastalaltimetry.org/NikalWebsitePortal/coastal-altimetry-workshop/esa/ExtraContent/ContentSubPage?page=8&subPage=3>

### **Forecasting of absolute dynamic topography using deep learning algorithm with application to the Baltic Sea**

**Rajabi-Kiasari, Saeed**; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Computers & geosciences 2023 / art. 105406, 16 p. : ill <https://doi.org/10.1016/j.cageo.2023.105406> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Forecasting sea level maxima using machine learning models in the Baltic Sea**

**Rajabi-Kiasari, Saeed**; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** International Liège Colloquium 2024 : Ocean Extremes 2024 / 1 p [https://gher-uliege.github.io/liege-colloquium-2024/abstracts/2024-01-26\\_12:01:45\\_IP\\_193.40.250.130.pdf](https://gher-uliege.github.io/liege-colloquium-2024/abstracts/2024-01-26_12:01:45_IP_193.40.250.130.pdf)

### **Foreword**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 5-6  
[https://www.ester.ee/record=b1874722\\*est](https://www.ester.ee/record=b1874722*est)

### **Foreword**

**Soomere, Tarmo** Estonian Academy of Sciences year book : facts and figures = Annales Academiae Scientiarum Estonicae 2019 / p. 5-6 [https://www.ester.ee/record=b1218154\\*est](https://www.ester.ee/record=b1218154*est)

### **Foreword**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 5-7

### **Formation mechanisms of Stalinist oil-shale mining and industrial towns in East Estonia: Soviet nuclear needs and local ambitions**

**Sultson, Siim** Journal of Urban History 2021 / p. 584-605 <https://doi.org/10.1177/0096144219888506> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The forthcoming Baltic Sea Chart Datum 2000 – how harmonized height reference benefits sustainability**

Schwabe, Joachim; Ågren, Jonas; Liebsch, Gunter; **Varbla, Sander**; **Ellmann, Artu**; Teitsson, Hergeir; Forsberg, Rene; Strykowski, Gabriel; Bilker-Koivula, Mirjam; Westfeld, Patrick XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-2441>

### **Fosforiärestus**

**Lember, Erki**; Kõrgmaa, Vallo Reoveepuhastuse käsiraamat 2023 / lk. 230-249 <https://lifecleanest.ee/sites/cleanest/files/2023-10/>

### **Foundational concepts for BIM**

Sacks, Rafael; **Pikas, Ergo** BIM Teaching and Learning Handbook : Implementation for Students and Educators 2021 / p. 5-22 : ill <https://doi.org/10.1201/9780367855192>

### **Fractional Fourier transform-based signal separation for ultrasonic guided wave inspection of plates**

**Peng, Chengxiang**; **Annus, Paul**; **Rist, Marek**; **Land, Raul**; **Ratassepp, Madis** Sensors 2024 / art. 7564  
<https://doi.org/10.3390/s24237564>

### **Fracture and Damage to the Material accounting for Transportation Crash and Accident**

Ridwan; **Putranto, Teguh**; Laksono, Fajar Budi; Prawobo, Aditya Rio Procedia Structural Integrity, vol. 27 2020 / p. 38-45  
<https://doi.org/10.1016/j.prostr.2020.07.006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Framing 'evidence' and scenario stories in strategic spatial planning**

Mäntysalo, Raine; **Grišakov, Kristi** Situated practices of strategic planning : an international perspective 2017 / p. 348-361 : ill

### **Free fall water entry of a two-dimensional asymmetric wedge in oblique slamming : a numerical study**

**Hosseinzadeh, Saeed**; Izadi, Mohammad; **Tabri, Kristjan** ASME 2020 : 39th International Conference on Ocean, Offshore and Arctic Engineering : Vol. 8: CFD and FSI, August 3-7, 2020 : Virtual, Online : proceedings papers 2020 / Paper No: OMAE2020-18645, V008T08A013 ; 8 pages <https://doi.org/10.1115/OMAE2020-18645> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Free-fall water entry of a variable deadrise angle aluminium wedge : an experimental study**

**Hosseinzadeh, Saeed**; **Tabri, Kristjan** Developments in the Analysis and Design of Marine Structures : proceedings of the 8th International Conference on Marine Structures (MARSTRUCT 2021, 7-9 June 2021, Trondheim, Norway) 2021 / 9 p  
<https://doi.org/10.1201/9781003230373-4> <https://www.researchgate.net/publication/355712517> [Free-](#)

[fall\\_water\\_entry\\_of\\_a\\_variable\\_deadrise\\_angle\\_aluminum\\_wedge\\_an\\_experimental\\_study](#)

**From checklists to design process support systems: Initial framing**

**Pikas, Ergo**; Koskela, Lauri; Oehmen, Josef; Dave, Bhargav Proceedings of the 27th Annual Conference of the International Group for Lean Construction (IGLC), IGLC 2019, 1 July 2019 - 7 July, 2019, Dublin, Ireland 2019 / p. 83-96 <https://doi.org/10.24928/2019/0173>

**From Dadaab camp to Kismayo city : a call for local evidence to inform durable solutions**

Mohn, Charlotte; **Tonnarelli, Francesco**; Weaver, Jonathan; Njuguna, Winston; Barkhadle, Abdirahman Journal of Refugee Studies 2023 / p. 489 - 506 <https://doi.org/10.1093/jrs/fead024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**From discrete gravity survey data to a high-resolution gravity field representation in the Nordic-Baltic region**

**Märdla, Silja**; Agren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** Marine geodesy 2017 / p. 416-453 : ill <https://doi.org/10.1080/01490419.2017.1326428> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**From envelope to layout : buildings massing and layout generation for solar access in urban environments**

**De Luca, Francesco** eCAADe 2017 : ShoCK! : Sharing of Computable Knowledge : proceedings of the 35th International Conference on Education and Research in Computer Aided Architectural Design in Europe : 20th-22nd September 2017, Rome, Italy. Volume 2 2017 / p. 431-440 : ill <https://doi.org/10.52842/conf.ecaade.2017.2.431> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**From green to brown: two decades of darkening coastal water in the Gulf of Riga, the Baltic Sea**

Aigars, Juris; Suhareva, Natalija; Cepite-Frisfelde, Daiga; Kokorite, Ilga; **lital, Arvo**; Skudra, Maris; Viska, Maija Frontiers in marine science 2024 / art. 1369537 <https://doi.org/10.3389/fmars.2024.1369537>

**From near real-time urban data to an explainable city-scale model to help reduce the Urban Heat Island (UHI) effect**

**Eslamirad, Nasim**; **De Luca, Francesco**; **Ben Yahia, Sadok**; **Lylykangas, Kimmo Sakari** Journal of Physics: Conference Series 2023 / art. 092012, p. 1-6 : ill <https://doi.org/10.1088/1742-6596/2600/9/092012> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**From repetition to diversity: A workflow for energy-driven optimization of heterogeneous urban blocks in hot climates**

Natanian, Jonathan; **De Luca, Francesco**; Naboni, Emanuele Will Cities Survive? PLEA STGO 2022 : Book of proceedings : online sessions 2022 / p. 842-847 : ill <https://plea2022.org/wp-content/uploads/2023/03/PROCEEDING-ONLINE-FINAL-MARZO.pdf>

**From zero to hero? Changes in the Estonian context for refugees**

**Witt, Emlyn David Qvitoq**; **Nurk, Jane Liise**; **Lill, Irene** Rebuilding Communities After Displacement : Sustainable and Resilience Approaches 2023 / p. 59-78 [https://doi.org/10.1007/978-3-031-21414-1\\_3](https://doi.org/10.1007/978-3-031-21414-1_3)

**Games for enhancing stakeholder participation in spatial planning – the cases of Riga and Tallinn = Mängud kui vahend huvigruppide osaluse suurendamiseks ruumiplaneerimises – Riia ja Tallinna juhtumid**

**Prilenska, Viktorija** 2020 [https://www.ester.ee/record=b5381056\\*est](https://www.ester.ee/record=b5381056*est) <https://digikogu.taltech.ee/et/item/df2bbdca-4ef8-4283-b7fb-106879395342>

**Gas-phase optical fiber photocatalytic reactors for indoor air application : a preliminary study on performance indicators**

**Palmiste, Ülar**; **Voll, Hendrik** 3rd International Conference "Innovative Materials, Structures and Technologies" : Riga, Latvia, 27-29 September 2017 : [abstracts] 2017 / p. 123

**Gas-phase optical fiber photocatalytic reactors for indoor air application : a preliminary study on performance indicators**

**Palmiste, Ülar**; **Voll, Hendrik** IOP conference series : materials science and engineering 2017 / art. 012055, p. 1-7 <https://doi.org/10.1088/1757-899X/251/1/012055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**General Assembly on 6 December 2017 : summary of the activities in 2017**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 92-95 [https://www.ester.ee/record=b1874722\\*est](https://www.ester.ee/record=b1874722*est)

**General Assembly on 19 April 2017 : activities of the academy in 2016**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 83-89 [https://www.ester.ee/record=b1874722\\*est](https://www.ester.ee/record=b1874722*est)

**General Assembly on 19 April 2017 : closing remarks**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 90-92 [https://www.ester.ee/record=b1874722\\*es](https://www.ester.ee/record=b1874722*es)

**General Assembly on 19 April 2017 : opening address**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 80-82 [https://www.ester.ee/record=b1874722\\*est](https://www.ester.ee/record=b1874722*est)

### **Generative reverse-modelling approach to hygrothermal material characterization**

**Klõšeiko, Paul**; Freudenberg, Peggy 4th Central European Symposium on Building Physics (CESBP 2019) MATEC web of conferences 2019 / art. 02088, 6 p. : ill <https://doi.org/10.1051/mateconf/201928202088>

### **Geoanalytical method for linking base wastewater flows with a sanitary sewer model**

**Kändler, Nils; Annus, Ivar; Kaur, Katrin; Koor, Margus** Urban water journal 2025 / p. 109-120  
<https://doi.org/10.1080/1573062X.2024.2445119>

### **Geodeesiakonverentsid Põhjamaades 2018. aastal**

**Varbla, Sander; Ellmann, Artu** Geodeet 2018 / lk. 62-64 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

### **Geodesic equations for guided wave helical path separation for a pipe bend**

**Rasgado Moreno, Carlos Omar; Ratassepp, Madis** Mechanical systems and signal processing 2023 / art. 110820  
<https://doi.org/10.1016/j.ymssp.2023.110820> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geodetic reconciliation of tide gauge network in Estonia**

Kollo, Karin; **Ellmann, Artu** Geophysica 2019 / p. 27-38 : ill [http://www.geophysica.fi/pdf/geophysica\\_2019\\_54\\_kollo.pdf](http://www.geophysica.fi/pdf/geophysica_2019_54_kollo.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Geodetic SAR for Baltic height system unification and Baltic Sea level research : final report**

Gruber, Thomas; Angermann, Detlef; Schlaak, Marius; Oikonomidou, Xanthi; Gisinger, Christoph; Brcic, Ramon; Poutanen, Markku; Marila, Simo; **Ellmann, Artu; Varbla, Sander** 2021 [https://www.asg.ed.tum.de/fileadmin/w00cip/iapg/Baltic/SAR-HSU-FR-0022\\_Final\\_Report.pdf](https://www.asg.ed.tum.de/fileadmin/w00cip/iapg/Baltic/SAR-HSU-FR-0022_Final_Report.pdf)

### **Geodetic SAR for height system unification and sea level research - observation concept and preliminary results in the Baltic Sea**

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu**; Engfeldt, Andreas; Gisinger, Christoph; Jaworski, Leszek; **Varbla, Sander** Remote sensing 2020 / art. 3747, 30 p. : ill <https://doi.org/10.3390/rs12223747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geodetic SAR for height system unification and sea level research - observation concept and results in the Baltic Sea**

Gruber, Thomas; Argen, Jonas; Angermann, Detlef; **Ellmann, Artu**; Gisinger, Christoph; Nastula, Jolanta; Poutanen, Markku; Schlaak, Marius; Nilfouroushan, Faramarz; **Varbla, Sander** Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / p. 78 S1-067 [https://files.sciconf.cn/upload/file/20210626/20210626085039\\_69146.pdf](https://files.sciconf.cn/upload/file/20210626/20210626085039_69146.pdf)

### **Geodetic SAR for height system unification and sea level research - observation concept and results in the Baltic Sea : [poster]**

Gruber, Thomas; Lantmäteriet, Jonas Ågren; Angermann, Detlef; **Ellmann, Artu**; Gisinger, Christoph; Nastula, Jolanta; Poutanen, Markku; Schlaak, Marius; Lantmäteriet, Faramarz Nilfouroushan; **Varbla, Sander** Living Planet Symposium : Bonn, 23-27 May 2022 2022 / 1 p [https://express.converia.de/frontend/index.php?page\\_id=22633&additions\\_conferenceschedule\\_action=detail&additions\\_conferenceschedule\\_controller=paperList&pid=62935&hash=2524229591939d85af23f837766064279e6f1e649f62cdead4778160c1e39e50](https://express.converia.de/frontend/index.php?page_id=22633&additions_conferenceschedule_action=detail&additions_conferenceschedule_controller=paperList&pid=62935&hash=2524229591939d85af23f837766064279e6f1e649f62cdead4778160c1e39e50)

### **Geodetic SAR for height system unification and sea level research in the Baltics**

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu**; Gisinger, Christoph; Nastula, Jolanta; Oikonomidou, Xanthi; Poutanen, Markku Geophysical research abstracts 2020 / EGU2020-3132, 1 p <https://doi.org/10.5194/egusphere-egu2020-3132>

### **Geodetic SAR for height system unification and sea level research-results in the Baltic Sea test network**

Gruber, Thomas; Agren, Jonas; Angermann, Detlef; **Ellmann, Artu**; Engfeldt, Andreas; Gisinger, Christoph; Jaworski, Leszek; Kur, Tomasz; Marila, Simo; Varbla, Sander Remote sensing 2022 / art. 3250 <https://doi.org/10.3390/rs14143250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geodetic validation of sea Level variability in offshore**

**Ellmann, Artu**; Kollo, Karin; **Varbla, Sander** IUGG 2019 : abstract book 2019 / [1] p., abstract: JG06 p-109  
<http://iugg2019montreal.com/abstract-book.html>

### **Geoid modeling by the least squares modification of Hotine's and Stokes' formulae using non-gridded gravity data**

Sakil, Fatima Feyza; Erol, Serdar; **Ellmann, Artu**; Erol, Bihter Computers & geosciences 2021 / art. 104909  
<https://doi.org/10.1016/j.cageo.2021.104909> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geoidi modelleerimine kõrguste lähtenivoopinnana**

**Ellmann, Artu; Märdla, Silja**; Oja, Tõnis Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 21-36 : ill [https://www.ester.ee/record=b5208765\\*est](https://www.ester.ee/record=b5208765*est)

### **Geoprocess of geospatial urban data in Tallinn, Estonia**

**Eslamirad, Nasim; De Luca, Francesco; Lylykangas, Kimmo Sakari; Ben Yahia, Sadok** Data in brief 2023 / art. 109172, 13 p. : ill <https://doi.org/10.1016/j.dib.2023.109172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Georges Frédéric Parrot : Tartu Keiserliku Ülikooli esimene rektor**  
Tohvri, Epi 2019 [https://www.ester.ee/record=b5249288\\*est](https://www.ester.ee/record=b5249288*est)

**GIS-integrated pluvial flood risk assessment methodology for urban areas**  
Truu, Murel; Annus, Ivar; Kändler, Nils WDSA CCWI : proceedings book 2022 / 14 p. : ill  
[https://drive.google.com/file/d/19mrdk9\\_LLOy5mfYDT9IGgmlsW5FFwj4f/view](https://drive.google.com/file/d/19mrdk9_LLOy5mfYDT9IGgmlsW5FFwj4f/view)

**Global construction industry is in the path of digitalisation**  
Sulakatko, Virgo Rakennustekniikka 2019 / p. 38–39 : fot [https://issuu.com/rakennustekniikka/docs/rt\\_2019-4\\_verkkoon\\_linkit/38](https://issuu.com/rakennustekniikka/docs/rt_2019-4_verkkoon_linkit/38)

**GNSS - globaalne satelliitnavigatsioonisüsteem geodeetilise täpsusega asukohamääranguks : praktilised ülesanded**  
Ellmann, Artu; Kall, Tarmo; Kollo, Karin; Liibus, Aive 2022 <http://hdl.handle.net/10492/7805> [https://www.ester.ee/record=b5524660\\*est](https://www.ester.ee/record=b5524660*est)

**GNSS - globaalne satelliitnavigatsioonisüsteem geodeetilise täpsusega asukohamääranguks : õpik kõrgkoolidele**  
Ellmann, Artu; Kall, Tarmo; Kollo, Karin; Liibus, Aive 2022 [https://www.ester.ee/record=b5524661\\*est](https://www.ester.ee/record=b5524661*est)

**Gravity anomaly field over Estonia**  
Oja, Tõnis; Ellmann, Artu; Märdla, Silja Estonian journal of earth sciences 2019 / p.55-75 : ill  
[http://www.eap.ee/public/Estonian\\_Journal\\_of\\_Earth\\_Sciences/2019/issue\\_2/earth-2019-2-55-75.pdf](http://www.eap.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_2/earth-2019-2-55-75.pdf) <https://doi.org/10.3176/earth.2019.06>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Gray box time variant clogging behaviour and pressure drop prediction of the air filter in the HVAC system**  
Alimohammadi, Hossein; Vassiljeva, Kristina; Petlenkov, Eduard; Thalfeldt, Martin; Mikola, Alo; Kull, Tuule Mall; Köse, Ahmet E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 10002 <https://doi.org/10.1051/e3sconf/202124610002>  
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Green, digital, inclusive : new directions in urban and regional planning**  
Dembski, Fabian; Linzer, Helena; Voigt, Andreas; Wieshofer, Isabel AESOP annual congress space for species : redefining spatial justice - book of abstracts 2022 / p. 432-433 <https://proceedings.aesop-planning.eu/index.php/aesopro/issue/view/13/13>

**Growth rate of solar thermal systems in Baltic States : slow but steady wins the race?**  
Valančius, Rokas; Borodinecs, Anatolijs; Kalamees, Targo; Fokaides, Paris; Jurelionis, Andrius; Jonynas, Rolandas Energy Sources, Part B: Economics, Planning and Policy 2020 / p. 423 - 435 <https://doi.org/10.1080/15567249.2020.1813844> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Guest editor preface**  
Journal of sustainable architecture and civil engineering 2019 / p. 5-6 <https://doi.org/10.5755/j01.sace.24.1.23239>

**Guest editorial**  
Lill, Irene; Perera, Srinath International journal of disaster resilience in the built environment 2017 / p. 2-4  
<https://doi.org/10.1108/IJRBE-11-2016-0049> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Guest editorial: Energetically and ecologically sustainable, affordable and healthy built environment**  
Lill, Irene International journal of strategic property management 2018 / p. 234-235 <https://doi.org/10.3846/ijspm.2018.3687>  
[https://www.ester.ee/record=b2509383\\*est](https://www.ester.ee/record=b2509383*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Guidance Documents for Fire Design of Timber Structures produced in WG2 of COST ACTION FP 1404**  
Klippel, Michael; Just, Alar Book of abstracts of the final conference COST FP 1404 "Fire Safe Use of Bio-Based Building Products", Zürich, 1st and 2nd October 2018 2018 / p. 57-59 [Fire Safe Use of Bio-Based Building Product](#)

**Guidance for implementation of materials and products in fire design methods of timber frame assemblies : COST Action FP1404 : Version 1**  
2018 [Guidance for implementation...](#)

**Guidance on Fire design of CLT including best practise, COST Action FP1404 : version 2018 [Online resource]**  
2018 [Guidance on Fire design of CLT including best practise](#)

**A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance [Online resource]**  
Rovers, Ronald; Kuusk, Kalle; Pihelo, Peep; Kalamees, Targo 2018 [A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for \(N\)Zeb Performance](#)

**Guided wave tomography of pipe bends based on full waveform inversion**  
Rasgado-Moreno, Carlos-Omar; Rist, Marek; Land, Raul; Ratassepp, Madis Ultrasonics 2025 / art. 107560  
<https://doi.org/10.1016/j.ultras.2024.107560>

### **Guidelines for selection of tertiary wastewater treatment technology : report**

Lember, Erki; Kuusik, Argo 2020 [https://bestbalticproject.eu/wp-content/uploads/2020/11/BEST\\_report\\_TUT\\_27\\_11.pdf](https://bestbalticproject.eu/wp-content/uploads/2020/11/BEST_report_TUT_27_11.pdf)

### **Harjumaa reovee fosforiga saaks väetada suurema osa maakonna põldudest [Võrguväljaanne]**

Harrik, Airika novaator.err.ee 2020 / fot [Harjumaa reovee fosforiga saaks väetada suurema osa maakonna põldudest](#)

### **Harmful substances in wastewater, possible technical solutions for their removal = Ohtlikud ained reovees, võimalikud tehnilised lahendused nende eemaldamiseks**

Lember, Erki 2018 <https://digi.lib.ttu.ee/i/?11026> [https://www.ester.ee/record=b5163600\\*est](https://www.ester.ee/record=b5163600*est)

### **Hea ventilatsioon teeb õpilased targemaks**

Thalfeldt, Martin Õhtuleht 2022 / Lk. 22 <https://dea.digar.ee/article/ohhtuleht/2022/05/07/15.3>

### **Heat loss characteristics of typology-based apartment building external walls for a digital twin-based renovation strategy tool**

Ilste, Elisa; Lomp, Siim; Pikas, Ergo; Arumägi, Endrik; Hallik, Jaanus; Õiger, Karl; Kisel, Einari; Liiv, Innar; Kalamees, Targo Journal of Physics: Conference Series 2023 / 8 p <https://doi.org/10.1088/1742-6596/2654/1/012125> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Heat loss due to domestic hot water pipes**

Hamburg, Anti; Mikola, Alo; Parts, Tuule Mall; Kalamees, Targo Energies 2021 / art. 6446 <https://doi.org/10.3390/en14206446> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heat recovery ventilation solutions for school building renovation**

Kuivjõgi, Helena; Sarevet, Henri; Thalfeldt, Martin; Kurnitski, Jarek CLIMA 2022: the 14th REHVA HVAC World Congress, 22nd – 25th May in Rotterdam, The Netherlands 2022 / p. 1-8 <https://doi.org/10.34641/clima.2022.208>

### **Heat recovery ventilation system heating energy weather normalization – calculation method and case study**

Kuivjõgi, Helena; Laaneste, Janar; Thalfeldt, Martin; Kurnitski, Jarek E3S Web Conference: BuildSim Nordic 2022 2022 / art. 09003 <https://doi.org/10.1051/e3sconf/202236209003> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Heating sizing power reduction in buildings connected to district heating with dynamically controlled DHW setback and flow limiters**

Hajian, Hatem; Simson, Raimo; Kurnitski, Jarek Energies 2022 / art. 5278 <https://doi.org/10.3390/en15145278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heavy metals removal in biological wastewater treatment dependent on process parameters**

Lember, Erki; Pachel, Karin; Loigu, Enn Desalination and water treatment 2018 / p. 245-251 : ill <https://doi.org/10.5004/dwt.2018.22460> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heli vees. Inimese mürajalg meredes aina suureneb**

Mustonen, Mirko; Klauson, Aleksander Horisont 2023 / lk. 8-13 : ill [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

### **Hendrik Voll : matemaatika eest peitu ei poe!**

visionest.institute 2023 [Hendrik Voll: matemaatika eest peitu ei poe!](#)

### **Hendrik Voll: õppejõu tasu lähtugu vilistlase palgast [Võrguväljaanne]**

Voll, Hendrik err.ee 2022 ["Hendrik Voll: õppejõu tasu lähtugu vilistlase palgast"](#)

### **Hendrik Voll: ülikool vastutab lõpetaja palga ja ka majanduskasvu eest**

Voll, Hendrik err.ee 2024 [Hendrik Voll: ülikool vastutab lõpetaja palga ja ka majanduskasvu eest](#)

### **The hidden power of emotions : How psychological factors influence skill development in smart technology adoption**

Gerli, Paolo; Clement, Jessica; Esposito, Giovanni; Mora, Luca; Crutzen, Nathalie Technological Forecasting and Social Change 2022 / Article nr. 121721 <https://doi.org/10.1016/j.techfore.2022.121721> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Highly insulated crawl spaces with controlled minimal ventilation – proof of concept by field measurements**

Airaksinen, Miimu; Olsson, Lars; Kurnitski, Jarek; Hvidberg, Staffan E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 07004, 5 p. : ill <https://doi.org/10.1051/e3sconf/202017207004> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Holistic approach to design healthy and resilient apartments**

Sepulveda Luque, Abel; Smirnov, Roman; Donaire Galiano, María Dolores REHVA European HVAC Journal 2022 / p. 63-69

<https://www.rehva.eu/rehva-journal/chapter/holistic-approach-to-design-healthy-and-resilient-apartments>

**Hooldus : hoolduse võtmenäitajad = Maintenance : maintenance Key Performance Indicators**

2023 [https://www.ester.ee/record=b5569822\\*est](https://www.ester.ee/record=b5569822*est)

**Hooldus [Võrguteavik] : hoolduse võtmenäitajad = Maintenance : maintenance Key Performance Indicators**

2019 [https://www.ester.ee/record=b5272814\\*est](https://www.ester.ee/record=b5272814*est)

**Hoone kanalisatsioon [Võrguteavik] = Draining system inside buildings**

2019 [https://www.ester.ee/record=b5261771\\*est](https://www.ester.ee/record=b5261771*est)

**Hoone kanalisatsioon [Võrguteavik] = Draining system inside buildings / Eesti Standardimis- ja Akrediteerimiskeskus**

2021 [https://www.ester.ee/record=b5449156\\*est](https://www.ester.ee/record=b5449156*est)

**Hoonete energiatarve ja sisekliima**

Abel, Enno; Voll, Hendrik; Tark, Teet; Pikk, Priit; Daniel, Raul 2022 [https://www.ester.ee/record=b5497552\\*est](https://www.ester.ee/record=b5497552*est)

**Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 : Eesti standardi rahvuslik lisa = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6 : Estonian National Annex**

2019 [https://www.ester.ee/record=b5272875\\*est](https://www.ester.ee/record=b5272875*est)

**Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6**

2019 [https://www.ester.ee/record=b5272879\\*est](https://www.ester.ee/record=b5272879*est)

**Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6**

2019 [https://www.ester.ee/record=b5272854\\*est](https://www.ester.ee/record=b5272854*est)

**Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 3, Mitmeeluhoonete ventilatsioon. Üldnõuded ventilatsiooni- ja ruumiõhu konditsioneerimise süsteemidele (Moodulid M5-1, M5-4) = Energy performance of buildings : ventilation for buildings. Part 3, For non-residential buildings. Performance requirements for ventilation and room-conditioning systems (Modules M5-1, M5-4)**

2017 [http://www.ester.ee/record=b4740834\\*est](http://www.ester.ee/record=b4740834*est)

**Hoonete energiatõhususe direktiiv jõustub peagi**

Kurnitski, Jarek EhitusEST 2024 / lk. 18-19 : fot [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est)

**Hoonete energiatõhususe direktiiv uueneb**

Kurnitski, Jarek EhitusEST 2022 / lk. 14-15 : ill [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est) <https://ehitusest.ee/uudis/2022/02/01/hoonete-energiatõhususe-direktiiv-uueneb/>

**Hoonete energiatõhususe võimalustest ja väljakutsetest [Võrguväljaanne]**

Kurnitski, Jarek Konverents "Kliimaneutraalsus – häving või edu?" 2019 / 16 | [Hoonete energiatõhususe võimalustest ja väljakutsetest Kliimaneutraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiaid paljudes valdkondades](#)

**Hoonete energiatõhusust määrav digiaudit jõuab kinnisvaraomanikeni**

postimees.ee 2024 [Hoonete energiatõhusust määrav digiaudit jõuab kinnisvaraomanikeni Kuhu kulub hoones energia? Eesti teadlaste loodud lahendus teab täpselt](#)

**Hoonete kuluoptimaalsete energiatõhususe miinimumtasemetega analüüs [Võrguteavik]**

Arumägi, Endrik; Simson, Raimo; Kuusk, Kalle; Kalamees, Targo; Kurnitski, Jarek 2017 [https://www.ester.ee/record=b4762265\\*est](https://www.ester.ee/record=b4762265*est)

**Hoonete rekonstrueerimise pikaajaline strateegia**

2020 <https://www.mkm.ee/media/155/download>

**Hoonete ventilatsioon [Võrguteavik] : ventilatsiooni keskseadmed. Keskseadmete komponentide ja seksioonide valik ja toimimine = Ventilation for buildings : air handling units. Rating and performance for units, components and sections**  
2019 [https://www.ester.ee/record=b5294686\\*est](https://www.ester.ee/record=b5294686*est)

**Hot-spots of large wave energy resources in relatively sheltered sections of the Baltic Sea coast**  
**Kovaleva, Olga; Eelsalu, Maris; Soomere, Tarmo** Renewable and sustainable energy reviews 2017 / p. 424-437 : ill  
<https://doi.org/10.1016/j.rser.2017.02.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Household solid waste combustion with wood increases particulate trace metal and lung deposited surface area emissions**  
Timonen, Hilkka; Mylläri, Fanni; Simonen, Pauli; Aurela, Minna; Maasikmets, Marek; Bloss, Matthew; **Kupri, Hanna-Li**; Vainumäe, Keio; Lepistö, T.; Salo, Laura Journal of environmental management 2021 / art. 112793, 10 p. : ill  
<https://doi.org/10.1016/j.jenvman.2021.112793> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**How can airborne transmission of COVID-19 indoors be minimised?**  
Morawska, Lidia; Tang, Julian W.; Bahnfleth, William; **Kurnitski, Jarek** Environment international 2020 / art. 105832, 7 p  
<https://doi.org/10.1016/j.envint.2020.105832> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**How Estonian village structures have evolved: a study into the morphological form of the villages of Paduvere and Vaimastvere from the 1700s to the present day**  
Kaplinski-Sauk, Minea; **Nutt, Nele**; Kotval, Zenia Journal of baltic studies 2023 / p. 309-333  
<https://doi.org/10.1080/01629778.2022.2100432> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**How Research Can Help Transform the Construction Industry**  
Gehbauer, Fritz; Ballard, Glenn; **Leonova, Margarita** 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 1 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 293-330 <https://doi.org/10.24928/2017/0240> [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_1.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_1.pdf)

**How to approach technical challenges in the development of urban digital twins in smart cities. Case study : Tallinn, Estonia**  
**Zarrinkafsh, Hamidreza; Mrosła, Laura; Dembski, Fabian** SIGraDi 2023 : accelerated landscapes 2024 / 12 p  
<https://doi.org/10.5151/sigradi2023-420>

**How to compare energy performance requirements of Japanese and European office buildings**  
Ahmed, Kaiser; Yoon, Gyuyoung; Ukai, Makiko; **Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 03038, 8 p <https://doi.org/10.1051/e3sconf/201911103038> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**How vacancy of dwellings influences energy renovations of multifamily buildings**  
**Lihtmaa, Lauri; Kalamees, Targo** Energies 2025 / art. 603 <https://doi.org/10.3390/en18030603>

**How well are energy performance objectives being achieved in renovated apartment buildings in Estonia?**  
**Hamburg, Anti; Kalamees, Targo** Energy and buildings 2019 / p. 332-341 <https://doi.org/10.1016/j.enbuild.2019.07.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Huvitavat mõnest Eestis nõukogude perioodil ehitatud sillast. [2. osa]**  
**Idnurm, Siim** Transport ja Teed 2017 / lk. 36-38 : ill [http://www.ester.ee/record=b1073099\\*est](http://www.ester.ee/record=b1073099*est) [https://artiklid.elnet.ee/record=b2809663\\*est](https://artiklid.elnet.ee/record=b2809663*est)

**Hydraulic formulae of two-layer exchange flow in an obstructed channel with trapezoidal cross-section**  
**Laanearu, Janek**; Cuthbertson, Alan 6th IAHR Europe Congress, Warsaw, Poland : abstract book 2021 / p. 245-246  
<https://iahr2020.pl/wp-content/uploads/2021/02/Book-of-Abstracts-15-02-2021.pdf>

**Hydraulic modelling challenges of river-basin restoration channels in some Estonian rivers**  
**Laanearu, Janek** 10th International Symposium on Environmental Hydraulics 2024 : book of abstracts 2024 / 2 p

**Hydraulic modelling of interfacial processes for two-layer maximal exchange**  
**Laanearu, Janek**; Cuthbertson, Alan Proceedings of the 7th Europe Congress of the International Association for Hydro-environment Engineering and Research (IAHR), Athens, Greece, September 7 – 9, 2022 : Abstract Book 2022 / p. 305-306  
<https://www.erasmus.gr/microsites/1227/book-of-abstracts>

**Hydraulic modelling of oil spill through submerged orifices in damaged ship hulls**  
**Kollo, Monika; Laanearu, Janek; Tabri, Kristjan** Ocean engineering 2017 / p. 385-397 : ill  
<https://doi.org/10.1016/j.oceaneng.2016.11.032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hydraulics of stratified sill flows within varying channel geometries : investigating energy loss and mixing of maximal two-layer exchange**



**Laanearu, Janek;** Cuthbertson, Alan Environmental fluid mechanics 2023 / p. 429-464 <https://doi.org/10.1007/s10652-022-09899-6>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hydroelastic effects of slamming impact loads during free-fall water entry**

**Hosseinzadeh, Saeed; Tabri, Kristjan** Ships and offshore structures 2021 / p. 68-84 : ill

<https://doi.org/10.1080/17445302.2021.1954320> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hydro-meteorological droughts across the Baltic Region : The role of the accumulation periods**

Meilutyte-Lukauskienė, Diana; Nazarenko, Serhii; **Kobets, Yaroslav;** Akstinas, Vytautas; Sharifi, Alireza; Haghghi, Ali Torabi; Hashemi, Hossein; Kokorite, Ilga; Ozolina, Baiba Science of the total environment 2024 / art. 169669

<https://doi.org/10.1016/j.scitotenv.2023.169669>

**Hygrothermal criteria for design of cross-laminated timber external walls**

**Kukk, Villu; Kers, Jaan; Kalamees, Targo;** Wang, Lin; Ge, Hua Proceedings of the 5th international conference on building energy and environment 2023 / p. 811-815 [https://doi.org/10.1007/978-981-19-9822-5\\_87](https://doi.org/10.1007/978-981-19-9822-5_87) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Hygrothermal criteria for design of cross-laminated timber external walls with ventilated facades = Soojus- ja niiskustehnilised kriteeriumid tuulduva fassaadiga riskihtliimpuidust välisseinte projekteerimiseks**

**Kukk, Villu** 2022 <https://doi.org/10.23658/taltech.33/2022> <https://digikogu.taltech.ee/et/Item/aedf3ed3-26d7-49be-b386-20cd705ac4b7>  
[https://www.ester.ee/record=b5501869\\*est](https://www.ester.ee/record=b5501869*est)

**Hygrothermal performance of a brick wall with interior insulation in cold climate : vapour open vs vapour tight approach**

**Klõšeiko, Paul; Kalamees, Targo** Journal of building physics 2022 / p. 3-35 : ill <https://doi.org/10.1177/17442591211056067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hygrothermal performance of a massive natural stone masonry wall insulated from the internal side with hemp concrete – field measurements in cold climate**

Pau, Markus; **Kalamees, Targo; Kallavus, Urve** Journal of physics : conference series 2021 / art. 012068, 9 p. : ill

<https://doi.org/10.1088/1742-6596/2069/1/012068> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Hygrothermal performance of AAC exterior wall after additional insulation with prefabricated elements in Estonia**

**Pihelo, Peep; Kalamees, Targo** 5th Central European Symposium On Building Physics (CESBP) 2023 / p. 020049-1-020049-8

<https://doi.org/10.1063/5.0170884> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Hygrothermal performance of cross-laminated timber walls with interior insulation**

**Kukk, Villu; Kalamees, Targo** Durability and Climate Change : Changing Climatic loads as may affect the Durability of Building Materials, Components and Assemblies : proceedings of the CIB / NRC Symposium : National Research Council Canada, Construction Research Center, Ottawa, Canada, 21 September, 2018 2018 / p. 23-24 : ill

[https://site.cibworld.nl/dl/publications/W080\\_pub414.pdf](https://site.cibworld.nl/dl/publications/W080_pub414.pdf)

**Hygrothermal performance of masonry walls retrofitted with interior insulation in cold climate = Kiviseinte seespoolse lisasoojustuse soojus- ja niiskustehniline toimivus külmas kliimas**

**Klõšeiko, Paul** 2022 <https://doi.org/10.23658/taltech.41/2022> <https://digikogu.taltech.ee/et/Item/e4e4dc01-f8cf-4d60-b205-3f01529a8fc1>  
[https://www.ester.ee/record=b5508993\\*est](https://www.ester.ee/record=b5508993*est)

**Hygrothermal performance of mass timber wall assembly with external insulation finish system**

**Kukk, Villu; Kers, Jaan; Kalamees, Targo** Buildings XIV : thermal performance of exterior envelopes of whole buildings :

[conference proceedings] 2019 / 9 p [Hygrothermal Performance of Mass Timber](#)

**Hygrothermal performance of paper plaster: influence of different types of paper and production methods on moisture buffering**

**Soolepp, Mihkel; Ruus, Aime; Nutt, Nele; Raamets, Jane; Kubjas, Ardo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 14010, 6 p

<https://doi.org/10.1051/e3sconf/202017214010> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Hygrothermal performance of prefabricated insulation elements for serial renovation of apartment buildings in a moderately continental German climate**

**Pihelo, Peep; Kalamees, Targo** Journal of Physics: Conference Series 2023 / art. 012001 <https://doi.org/10.1088/1742-6596/2654/1/012001>

[Conference proceedings at Scopus](#) [Article at Scopus](#)

**Hygrothermal performance of prefabricated timber frame insulation elements for deep energy renovation of apartment buildings = Puitkarkass-lisasoojustuselementide niiskustehniline toimivus suurpaneelendamute tervikrenoveerimisel**

**Pihelo, Peep** 2020 <https://digikogu.taltech.ee/et/Item/d748bfd8-83e0-4377-a8d3-5e7e327e102e>

**Hygrothermal performance of thick PCM mortar behind PV panels in energy-activated ETICS facades**

**Talvik, Martin; Ilomets, Simo; Klõšeiko, Paul; Kalamees, Targo; Põldaru, Mattias;** Heim, Dariusz Buildings 2023 / art. 1572

**Незванный гость: плесень в многоквартирном доме - чья проблема?**

Truvorova, Olesja Stolitsa 2023 / c. 4-5

**IAG Euroopa referentsraamistike allkomisjoni EUREF Sümpoosion Tallinnas**

Ellmann, Artu; Kollo, Karin Geodeet 2019 / lk. 52-54 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

**Ice-induced loads on offshore wind turbines in the Baltic Sea**

Tabri, Kristjan; Tõns, Tõnis; Suominen, Mikko; Kõrgesaar, Mihkel Proceedings of the ASME 2022 41st International Conference on Ocean, Offshore and Arctic Engineering. Volume 6: Polar and Arctic Sciences and Technology 2022 / art. OMAE2022-79035, V006T07A022; 9 pages <https://doi.org/10.1115/OMAE2022-79035>

**Identification and improvement of critical joints in CLT construction without weather protection**

Kalbe, Kristo; Kukk, Villu; Kalamees, Targo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 10002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017210002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Igatalvine mure : naabri külm korter tuleb teistel majaanikel soojaks kütta**

Hallik, Liina ohtuleht.ee 2024 [Igatalvine mure: naabri külm korter tuleb teistel majaanikel soojaks kütta](#)

**Ignar Fjuk : "Kesklinn ongi Tallinna uus arenduspiirkond"**

Fjuk, Ignar Eesti Ekspress 2018 / lk. 41-43 : fot <https://ekspress.delfi.ee/areen/ignar-fjuk-kesklinn-ongi-tallinna-uus-arenduspiirkond?id=84151242>

**Ignar Fjuk lahkus Korruptsiooniradarist, kui ta pettus selles ettevõtmises**

Kusma, Elis; Fjuk, Ignar Õhtuleht 2018 / lk. 3 : fot

**Ignar Fjuk: mõnel on tahet olla lobistide esirinnas**

Härma, Kristel; Fjuk, Ignar Äripäev 2018 / lk. 8 <https://www.aripaev.ee/uudised/2018/11/28/ignar-fjuk-burokraatlik-venitamine-on-linnas-rutiin>

**Ilmavaihdon ylipaineistuksen vaikutus koulurakennuksen mitattuun ja koettuun sisäilman laatuun**

Vornanen-Winqvist, Camilla; Järvi, Kati; Toomla, Sander; Ahmed, Kaiser; Kurnitski, Jarek Sisäilmastoseminaari 2018 : Messukeskus, Helsinki, 15.3.2018 2018 / s. 351-356 : ill [http://sisailmayhdistys.fi/SISAILMASTO\\_seminaarijulkaisu2018.pdf](http://sisailmayhdistys.fi/SISAILMASTO_seminaarijulkaisu2018.pdf)

**The impact of air pressure conditions on the performance of single room ventilation units in multi-story buildings**

Mikola, Alo; Simson, Raimo; Kurnitski, Jarek Energies 2019 / art. 2633, 18 p. : ill <https://doi.org/10.3390/en12132633> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Impact of built-in moisture on the design of hygrothermally safe cross-laminated timber external walls : a stochastic approach**

Kukk, Villu; Kers, Jaan; Kalamees, Targo; Wang, Lin; Ge, Hua Building and environment 2022 / art. 109736 <https://doi.org/10.1016/j.buildenv.2022.109736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Impact of cracks to the hygrothermal properties of CLT water vapour resistance and air permeability**

Kukk, Villu; Horta, R.; Püssa, Martin; Luciani, Giovanni; Kallakas, Heikko; Kalamees, Targo; Kers, Jaan Energy procedia 2017 / p. 741-746 : ill <https://doi.org/10.1016/j.egypro.2017.10.019> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**The impact of infiltration on heating systems dimensioning in Estonian climate**

Simson, Raimo; Rebane, Taniel; Kiil, Martin; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 05004, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017205004> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Impact of internal heat gain profiles on the design cooling capacity of landscaped offices**

Seyed Salehi, Seyed Shahabaldin; Ferrantelli, Andrea; Aljas, Hans Kristjan; Kurnitski, Jarek; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 07003, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124607003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Impact of linear thermal bridges on thermal transmittance of renovated apartment buildings**

Ilomets, Simo; Kuusk, Kalle; Paap, Leena; Arumägi, Endrik; Kalamees, Targo Journal of civil engineering and management 2017 / p. 96-104 : ill <https://doi.org/10.3846/13923730.2014.976259> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Impact of office tenants' electricity use on the cost-optimal solutions in a cold climate**

Kuivjõgi, Helena; Laas, Liina; Ferrantelli, Andrea; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 05001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124605001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

[WOS](#)

**The impact of parallel energy consumption on the district heating networks**

**Latõšov, Eduard; Siirde, Andres; Volkova, Anna; Thalfeldt, Martin; Kurnitski, Jarek** Environmental and Climate Technologies 2019 / 13 p. : ill <https://doi.org/10.2478/rtuect-2019-0001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The impact of the technical requirements of the renovation grant on the ventilation and indoor air quality in apartment buildings**

**Mikola, Alo; Hamburg, Anti; Kuusk, Kalle; Kalamees, Targo; Voll, Hendrik; Kurnitski, Jarek** Building and environment 2022 / art. 108698 <https://doi.org/10.1016/j.buildenv.2021.108698> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Impacts of lubricating oils on rheology and chemical compatibility of asphalt binders**

Teymourpour, Pouya; **Sillamäe, Sven**; Bahia, Hussain U. Road Materials and Pavement Design 2015 / p. 50 - 74 <https://doi.org/10.1080/14680629.2015.1030833>

**Implementation of COST Action TU1406 Quality Control framework as a part of Bridge Management System in Saint Lucia**

**Sein, Sander**; Sirvio, Konsta Mikael IABSE Symposium Guimarães 2019 : Towards a Resilient Built Environment - Risk and Asset Management, March 27-29, 2019, Guimarães, Portugal 2019 / p. 833-840 [https://www.researchgate.net/publication/332264325\\_Implementation\\_of\\_COST\\_Action\\_TU1406\\_Quality\\_Control\\_framework\\_as\\_a\\_part\\_of\\_Bridge\\_Management\\_System\\_in\\_Saint\\_Lucia/link/5caaccc9a6fdcca26d0659b3/download](https://www.researchgate.net/publication/332264325_Implementation_of_COST_Action_TU1406_Quality_Control_framework_as_a_part_of_Bridge_Management_System_in_Saint_Lucia/link/5caaccc9a6fdcca26d0659b3/download)

**An improved design model for fire exposed cross laminated timber**

Schmid, Joachim; Klippel, Michael; Frangi, Andrea; **Just, Alar; Tiso, Mattia** International Network on Timber Engineering Research : INTER : Meeting 50, 28-31 August 2017, Kyoto, Japan : proceedings 2017 / p. 475-477 : ill

**Improved fire design model for cross-laminated timber and glulam**

**Just, Alar; Nurk, Jane Liise; Mäger, Katrin Nele** 2022 <https://www.diva-portal.org/smash/get/diva2:1711855/FULLTEXT01.pdf>

**Improved fire design models for timber frame assemblies - guidance document COST Action FP1404 : version 1**

2018 [Improved fire design models...](#)

**Improvements of series convergence to the rotating-channel flow problem using hydraulic solutions for a parabolic passage**

Lundberg, Peter; **Laanearu, Janek** Journal of hydraulic research 2018 / p. 313-323 : ill <https://doi.org/10.1080/00221686.2017.1354929> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Improvements to the component additive method**

**Mäger, Katrin Nele; Just, Alar**; Frangi, Andrea Structures in Fire, SiF'2018 : 10th International Conference on Structures in Fire 2018 / p. 283-290 : ill <http://www.structuresinfire.com/corpo/conferences/sif18.pdf>

**Improving building design processes and design management practices: A case study**

**Pikas, Ergo**; Koskela, Lauri; Seppänen, Olli Sustainability 2020 / 18 p. : ill <https://doi.org/10.3390/su12030911>

**Improving design quality by contractor involvement : an empirical study on effects**

Lappalainen, Eelon; Uusitalo, Petteri; **Pikas, Ergo**; Seppänen, Olli; Peltokorpi, Antti; Uusitalo, Petri; Reinbold, Ana; Menzhinskii, Nikolai Buildings 2022 / art. 1188 <https://doi.org/10.3390/buildings12081188> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Improving the indoor climate and energy saving in renovated apartment buildings in Estonia**

**Hamburg, Anti; Kalamees, Targo** Cold Climate HVAC 2018 : Sustainable Buildings in Cold Climates : proceedings of the 9th Cold Climate HVAC Conference, Kiruna, Sweden, 2018, 12-15 March 2019 / p. 243-251 [https://doi.org/10.1007/978-3-030-00662-4\\_21](https://doi.org/10.1007/978-3-030-00662-4_21)

**In memoriam Juhani Antero Kakkuri**

Vallner, Raivo; Rüdja, Andres; **Ellmann, Artu** Geodeet 2022 / lk. 80-81 : portr [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

**Increasing construction quality of External Thermal Insulation Composite System (ETICS) by revealing on-site degradation factors**

**Sulakatko, Virgo; Liisma, Eneli; Soekov, Erki** Procedia environmental sciences 2017 / p. 765-772 : tab <https://doi.org/10.1016/j.proenv.2017.03.160>

**Indicators for resource recovery monitoring within the circular economy model implementation in the wastewater sector**

Preisner, Michal; Smol, Marzena; **Roosalu, Kati** Journal of Environmental Management 2022 / art. 114261 <https://doi.org/10.1016/j.jenvman.2021.114261> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Indoor climate and energy performance in nearly zero energy day care centers and school buildings**

Kaiser, Ahmed; **Kuusk, Kalle**; Heininen, Henrik; **Arumägi, Endrik**; **Kalamees, Targo**; Hasu, Tero; Lolli, Nicola; **Kurnitski, Jarek**  
E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 02003 ; 9 p. : ill  
<https://doi.org/10.1051/e3sconf/201911102003> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Indoor climate loads for dwellings in different cold climates to assess hygrothermal performance of building envelopes**

**Ilomets, Simo**; **Kalamees, Targo**; Tariku, Fitsum Canadian journal of civil engineering 2019 / p. 963–968 <https://doi.org/10.1139/cjce-2019-0079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Indoor climate loads to assess hygrothermal performance of building envelope [Online resource]**

**Ilomets, Simo**; **Kalamees, Targo** Durability and Climate Change : Changing Climatic loads as may affect the Durability of Building Materials, Components and Assemblies : proceedings of the CIB / NRC Symposium : National Research Council Canada, Construction Research Center, Ottawa, Canada, 21 September, 2018 2018 / p. 9-10 : ill  
[https://site.cibworld.nl/dl/publications/W080\\_pub414.pdf](https://site.cibworld.nl/dl/publications/W080_pub414.pdf)

### **Indoor hygrothermal loads for the deterministic and stochastic design of the building envelope for dwellings in cold climates**

**Ilomets, Simo**; **Kalamees, Targo**; Vinha, Juha Journal of building physics 2018 / p. 547-577 : ill  
<https://doi.org/10.1177/1744259117718442> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Indoor Trichoderma strains emitting peptaibols in guttation droplets**

Castagnoli, Emmanuelle; Marik, Tamas; Mikkola, Raimo; Kredics, Laszlo; Andersson, Maria A.; Salonen, Heidi; **Kurnitski, Jarek**  
Journal of applied microbiology 2018 / p. 1408-1422 <https://doi.org/10.1111/jam.13920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Infection risk-based ventilation design method**

**Kurnitski, Jarek** Ventilation challenges in a changing world : the 42nd AIVC, 10th Tightvent and 8th venticool Conference : proceedings 2022 / p. 21-27 [https://www.aivc.org/sites/default/files/download/AIVC2022\\_Proceedings.pdf](https://www.aivc.org/sites/default/files/download/AIVC2022_Proceedings.pdf)

### **Infection risk-based ventilation effectiveness assessment in cruise ship common spaces using tracer gas measurements**

**Mikola, Alo**; **Kiil, Martin**; **Võsa, Karl-Villem**; **Kurnitski, Jarek** E3S Web of Conferences : Roomvent Conference 2024 2024 / 5 p  
<https://invitepeople.com/public/events/fe41371a0b/pages/ed19d3ae89>

### **Influence of adhesives on fire resistance of wooden i-joists**

**Mäger, Katrin Nele**; **Just, Alar**; Sterley, Magdalena; Olofsson, Robert World Conference on Timber Engineering 2021, WCTE 2021 2021 / p. 1172–1179 <http://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1623381&dswid=-1253>

### **The influence of bathymetry on regional marine geoid modeling in Northern Europe**

**Varbla, Sander** Journal of Marine Science and Engineering 2022 / art. 793, 25 p. : ill <https://doi.org/10.3390/jmse10060793> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The influence of carbonation process on concrete bridges and durability in Estonian practice**

**Liisma, Eneli**; **Sein, Sander**; **Järvpõld, M.** IOP conference series : materials science and engineering 2017 / art. 012072, 7 p. : ill  
<https://doi.org/10.1088/1757-899X/251/1/012072> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Influence of interior layer properties to moisture dry-out of CLT walls**

**Kukk, Villu**; **Külaots, Annegrete**; **Kers, Jaan**; **Kalamees, Targo** Canadian journal of civil engineering 2019 / p. 1001–1009  
<https://doi.org/10.1139/cjce-2018-0591> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Influence of internal pressure on hollow section steel members in fire**

**Kervalishvili, Andrei**; **Talvik, Ivar** Applied sciences 2023 / art. 149 <https://doi.org/10.3390/app14010149>

### **Influence of number of layers on embedment strength of dowel-type connections for glulam and cross-laminated timber**

**Tuhkanen, Eero**; Mölder, Joosep; Schickhofer, Gerhard Engineering structures 2018 / p. 361-368 : ill  
<https://doi.org/10.1016/j.engstruct.2018.09.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Influence of production on hemp concrete hygrothermal properties : sorption, water vapour permeability and water absorption**

**Ruus, Aime**; **Koosapoeg, Tarmo**; Pau, Markus; **Kalamees, Targo**; **Põldaru, Mattias** Journal of Physics : Conference Series 2021 / art. 012004, 9 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012004> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Influence of residual stress on the stability of steel columns at elevated temperatures**

**Kervališvili, Andrei**; **Talvik, Ivar** Journal of civil engineering and management 2017 / p. 292-299 : ill  
<https://doi.org/10.3846/13923730.2015.1068845> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Influence of the fiber orientations on the fracture of fiber concrete**

**Herrmann, Heiko; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel** M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 631-632 : ill [https://paginas.fe.up.pt/~m2d/Proceedings\\_M2D2017/data/papers/Book.pdf](https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf)

#### **Influence of time constants on low energy buildings' heating control**

**Kull, Tuule Mall; Simson, Raimo; Thalfeldt, Martin; Kurnitski, Jarek** Energy procedia 2017 / p. 75-80 : ill <https://doi.org/10.1016/j.egypro.2017.09.640> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Influence of wind and waves on Lagrangian transport using a synergy of satellite and in-situ surface drifters for Baltic Sea**

**Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Soomere, Tarmo; Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-3642>

#### **Influence of window details on the energy performance of an nZEB**

**Kalbe, Kristo; Kalamees, Targo** Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 58-59 [https://www.ester.ee/record=b5197207\\*est](https://www.ester.ee/record=b5197207*est)

#### **Influence of window details on the energy performance of an nZEB**

**Kalbe, Kristo; Kalamees, Targo** Journal of sustainable architecture and civil engineering 2019 / p. 61-70 : ill <https://doi.org/10.5755/j01.sace.24.1.23234>

#### **Influencing factors of moisture measurement when using microwave reflection method**

**Kurik, Lembit; Kalamees, Targo; Kallavus, Urve; Sinivee, Veljo** Energy procedia 2017 / p. 159-164 : ill <https://doi.org/10.1016/j.egypro.2017.09.675> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **"Inimesed, majandus ja teenused koonduvad Tallinna linna piirkonda ning ülejäänud Eesti kahaneb ja taandareneb", nii kõlab üks põhijäreldusi värskes Eesti inimarengu aruandes, mida läbib lõng on linna ja maa suhted.**

Ideon, Argo Maaleht 2020 / lk. 8-9 : ill <https://dea.digar.ee/article/maaleht/2020/06/11/9.1> <https://maaleht.delfi.ee/uudised/eesti-kariseb-tallinlased-peaksid-maksma-ulejaanud-rahvale-toetust?id=90120293>

#### **Inimliku teaduskommunikatsiooni võimalikkusest**

**Soomere, Tarmo** Sirp 2017 / lk. 31 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/inimliku-teaduskommunikatsiooni-voimalikkusest/>

#### **Inimtekkeline heli ookeanis ja selle mõju merekeskkonnale**

**Klauson, Aleksander** Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 66-74 : ill [https://www.ester.ee/record=b5208765\\*est](https://www.ester.ee/record=b5208765*est)

#### **An initiative for a European Height Reference Surface**

Schwabe, Joachim; Sacher, Martina; Liebsch, Gunter; Lidberg, Martin; Denker, Heiner; Ågren, Jonas; Alfredsson, Anders; Barzaghi, Riccardo; **Ellmann, Artu; Varbla, Sander** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-2451>

#### **Insights gained from stormwater e-monitoring in Viimsi, Estonia**

**Suits, Kristjan;** Rajarao, Gunaratna K.; **Kändler, Nils; Vassiljev, Anatoli; Annus, Ivar** CEST Proceedings 2023 / 4 p <https://doi.org/10.30955/gnc2023.00303>

#### **An integrated approach to subtractive solar envelopes based on attribute information from point cloud data**

Alkadri, Miktha Farid; **De Luca, Francesco;** Turrin, Michel; Sariyildiz, Sevil Renewable and sustainable energy reviews 2020 / art. 109742, 19 p. : ill <https://doi.org/10.1016/j.rser.2020.109742> <http://resolver.tudelft.nl/uuid:be100809-acfd-4489-8e26-7a35731d514b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Integrated architectural and environmental performance - driven form-finding. A teaching case study in Montreal**

Szentesi-Nejur, Szende; **De Luca, Francesco;** Nejur, Andrei Proceedings of the 39th eCAADe Conference - Towards a new, configurable architecture : University of Novi Sad, Novi Sad, Serbia, 8-10 September 2021. Vol. 2 2021 / p. 105-114 : ill <https://doi.org/10.52842/conf.ecaade.2021.2.105> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **An integrated computational method for calculating dynamic thermal bridges of building facades in tropical countries**

Cahyadi Agung, Muhammad Rafif; Alkadri, Miktha Farid; **De Luca, Francesco** Frontiers of architectural research 2024 / p. 201-218 : ill <https://doi.org/10.1016/j.foar.2023.11.003>

#### **Integrated decision support system for pluvial flood-resilient spatial planning in urban areas**

**Truu, Murel; Annus, Ivar; Roosimägi, Janet; Kändler, Nils; Vassiljev, Anatoli; Kaur, Katrin** Water 2021 / art. 3340, 19 p. : ill <https://doi.org/10.3390/w13233340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Integrated hedonic-utilitarian valuation of the built environment by neutrosophic INVAR method**

Zavadskas, Edmundas Kazimieras; Kaklauskas, Arturas; Bausys, Romualdas; Naumcik, Andrej; **Ubarste, Ieva** Land Use Policy 2021 / Art. nr. 105150 <https://doi.org/10.1016/j.landusepol.2020.105150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

### **Integrated measures for managing permanent housing reconstruction**

**Bilau, Abdulquadri Ade; Witt, Emlyn David Qivitoq;** Malalgoda, Chamindi; **Lill, Irene;** Amaratunga, Dilanthi *Procedia engineering* 2018 / p. 403-410 <https://doi.org/10.1016/j.proeng.2018.01.052> [Conference Proceedings at Scopus Article at Scopus Article at WOS](#)

### **Integrating drone-captured sub-catchment topography with multiphase CFD modelling to enhance urban stormwater management**

**Kaur, Katrin; Annus, Ivar; Truu, Murel; Kändler, Nils; Paalmäe, Iris** *Engineering Proceedings* 2024 / art. 31 <https://doi.org/10.3390/engproc2024069031>

### **Intelligentsus kui ruumivajaduse mõõt**

**Soomere, Tarmo** *Sirp* 2019 / lk. 26-27 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/intelligentsus-kui-ruumivajaduse-moot/>  
[https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est)

### **Interannual coastal processes in Estonia, Peraküla beach monitored by laser scanning technology [Online resource]**

**Eelsalu, Maris; Pindsoo, Katri; Soomere, Tarmo; Julge, Kalev** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 115-116 : ill [https://www.baltic-earth.eu/publications/IBESPublications/No\\_13\\_Helsingor\\_Proceedings/2ndBalticEarthConferenceProceedings\\_IBESP\\_No13\\_web.pdf](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

### **Inter-cell interference reduction scheme for uplink transmission in NB-IoT Systems**

**Mwakwata, Collins Burton; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick; Alam, Muhammad Mahtab; Päränd, Sven; Annus, Ivar** *IWCMC 2021 Wireless Sensors & IoT: 2021 International Wireless Communications and Mobile Computing (IWCMC)*, Harbin, China, June 28 - July 2, 2021 2021 / p. 400-405 <https://doi.org/10.1109/IWCMC51323.2021.9498970>

### **Interfacial mixing of the stratified flow in the trapezoidal-shape channel with presence of background vorticity**

**Laanearu, Janek; Kaur, Katrin;** Malcangio, Daniela 8th IAHR Europe Congress "Water - across boundaries" : book of abstracts 2024 / p. 177-178 [https://www.iahr2024.inec.pt/files/ugd/366a17\\_38aaf3e046644a339de05fee8f280f7a.pdf](https://www.iahr2024.inec.pt/files/ugd/366a17_38aaf3e046644a339de05fee8f280f7a.pdf)

### **Internal moisture excess of residential buildings in Finland**

Vinha, Juha; Salminen, Mikko; Salminen, Kati; **Kalamees, Targo; Kurnitski, Jarek;** Kiviste, Mihkel *Journal of building physics* 2018 / p. 239-258 : ill <http://dx.doi.org/10.1177/1744259117750369>

### **Intervjuu teadlasega: miks loobuti koroonaviirusega võitlemisel ruumide ja pindade desinfitseerimisest**

**Kurnitski, Jarek** forte.delfi.ee 2021 <https://forte.delfi.ee/artikkel/92210123/intervjuu-teadlasega-miks-loobuti-koroonaviirusega-voitlemisel-ruumide-ja-pindade-desinfitseerimisest?>

### **Intervjuu Vilen Künnapuga**

**Künnapu, Vilen** Edasi.org : innustav ja hariv ajakiri 2021 / lk. 122 : ill [https://www.ester.ee/record=b5223051\\*est](https://www.ester.ee/record=b5223051*est)

### **Introduction to building automation, controls and technical building management**

Brook, Bonnie; Corgnati, Stefano Paolo; D'Oca, Simona; **Kurnitski, Jarek** 2017

### **INVAR Neuromarketing Method and System**

Kaklauskas, Arturas; Bucinskas, Vytautas; Vinogradova, Irina; Binkyte-Veliene, Arune; **Ubarte, Ieva** *Studies in informatics and control* 2019 / p. 357-370 <https://doi.org/10.24846/v28i3y201912>

### **Investigating building permit processes across Europe : characteristics and patterns**

Fauth, Judith; Nørkjær Gade, Peter; Kaiser, Stefanie; Raj, Kavita; Goul Pedersen, Jonas; Olsson, Per-Ola; Nisbet, Nicholas; Mastrolembro Ventura, Silvia; Hirvensalo, Antero; **Raitviir, Christopher-Robin** *Building research & information* 2024 / 18 p <https://doi.org/10.1080/09613218.2024.2400467>

### **Investigating the drop-out rate from a BIM course**

**Puust, Raido; Lill, Irene; Liias, Roode** *Proceedings of the 10th Nordic Conference on Construction Economics and Organization (CEO 2019)*, May 7-8, 2019, Tallinn, Estonia 2019 / p. 325-333 <https://doi.org/10.1108/S2516-28532019000002020>

### **Investigating the drop-out rate from a BIM for infrastructure course**

**Puust, Raido; Witt, Emlyn David Qivitoq; Lill, Irene; Liias, Roode** *Proceedings of the 2019 Conference of European Council on Computing in Construction (EC3)* July 10-12, 2019 Chania, Crete, Greece 2019 / p. 229-236 <https://doi.org/10.35490/EC3.2019.149>

### **Investigation of hull design to quantify resistance criteria using holtrop's regression-based method and savitsky's mathematical model: A study case of fishing vessels**

Julianto, Rizki Ispramudita; Prabowo, Aditya Rio; Muhayat, Nurul; **Putranto, Teguh;** Adiputra, Ristiyanto *Journal of engineering science and technology* 2021 / p. 1426-1443 [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

### **Investigation of planing vessels motion using nonlinear strip theory - an experimental and numerical study**

**Hosseinzadeh, Saeed**; Khorasanchi, Mahdi; Seif, Mohammad Saeed Ships and offshore structures 2019 / p. 684-697 : ill <https://doi.org/10.1080/17445302.2018.1552342>

**Investigation of signal separation for ultrasonic nondestructive evaluation**

**Peng, Chengxiang; Ratassepp, Madis; Annus, Paul** 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 l. <https://doi.org/10.1109/BEC56180.2022.9935612>

**Investigation of the eddy viscosity for a breaking wave in the surf zone = Turbulentse viskoossusteguri määramine murdlaine piirkonnas ranna-alal**

**Oldekop, Nelly** 2019 <https://digikogu.taltech.ee/et/Item/4bff81c5-ce66-4efb-a833-0ae8e0fbdd9>

**Investigation of the reconstruction accuracy of guided wave tomography using full waveform inversion**

Rao, Jing; **Ratassepp, Madis**; Fan, Zheng Journal of sound and vibration 2017 / p. 317-328 : ill <https://doi.org/10.1016/j.jsv.2017.04.017>

**Investigation of timber bridges**

**Just, Alar** Forum Holz Bau Garmisch 17 : 23. Internationales Holzbau-Forum (IHF 2017) : aus der Praxis - für die Praxis : Kongresszentrum, Garmisch-Partenkirchen ; B. 2 2017 / p. 293-304 <http://www.gbv.de/dms/tib-ub-hannover/1014402786.pdf>

**Investigations of different control strategies for heat pump systems in a residential ZEB in the nordic climate [Online resource]**

Clauss, John; Sartori, Igor; Alonso, Maria Justo; **Thalfeldt, Martin**; Georges, Laurent 12th IEA Heat Pump Conference : presentations, Wednesday, May 17 2017 / 0.1.3.3, 11 p. : ill <https://hpc2017.org/wp-content/uploads/2017/06/o133.pdf>

**Irene Tiivel : 18. III 1924 - 1. X 2017**

**Engelbrecht, Jüri** Sirp 2017 / lk. 37

**Is water quality based stormwater management actually feasible? A SWMM-based study on the trade-offs of various stormwater management approaches**

**Suits, Kristjan; Vassiljev, Anatoli; Annus, Ivar; Kändler, Nils** WDSA CCWI : proceedings book 2022 / 11 p. : ill [https://drive.google.com/file/d/1sTPCrwL\\_Pmq-2C0-NX8siSFwP9WLd54A/view](https://drive.google.com/file/d/1sTPCrwL_Pmq-2C0-NX8siSFwP9WLd54A/view)

**Isiklikke kogemusi Valdek Kulbachist**

**Õiger, Karl** Mente et Manu 2017 / lk. 58-59 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)  
[https://artiklid.elnet.ee/record=b2820663\\*est](https://artiklid.elnet.ee/record=b2820663*est)

**It is time to address airborne transmission of COVID-19**

Morawska, Lidia; Milton, Donald K. Clinical infectious diseases 2020 / p. 2311-2313 <https://doi.org/10.1093/cid/ciaa939>

**An iterative approach for near-coast Marine Geoid Modelling and sea level analysis using satellite altimetry, in-situ and modeled data**

**Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** IUGG 2019 : abstract book 2019 / [1] p., abstract: JG06 p-107  
<http://iugg2019montreal.com/abstract-book.html>

**Iterative data assimilation approach for the refinement of marine geoid models using sea surface height and dynamic topography datasets**

**Varbla, Sander; Ellmann, Artu** Journal of geodesy 2023 / art. 24, 22 p. : ill <https://doi.org/10.1007/s00190-023-01711-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Iterative data assimilation approach for the refinement of marine geoid models using sea surface height and dynamic topography datasets : [conference paper]**

**Varbla, Sander; Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023  
<https://doi.org/10.57757/IUGG23-0253>

**Iterative refinement and accuracy validation of marine geoid models = Meregeoidi mudelite iteratiivne täpsustamine ja täpsuse valideerimine**

**Varbla, Sander** 2023 <https://doi.org/10.23658/taltech.35/2023> <https://digikogu.taltech.ee/et/Item/4087a2ae-321e-4a1b-b11f-dd8fd5ab1b99>  
[https://www.ester.ee/record=b5568726\\*est](https://www.ester.ee/record=b5568726*est)

**Iterative refinement of regional marine geoid models by using sea surface height and dynamic topography datasets**

**Varbla, Sander; Ellmann, Artu** Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / p. 111 S2a-026 [https://files.sciconf.cn/upload/file/20210626/20210626085039\\_69146.pdf](https://files.sciconf.cn/upload/file/20210626/20210626085039_69146.pdf)

**Iterative refinement of regional marine geoid models using sea surface height and dynamic topography datasets**

**Varbla, Sander; Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 38 l. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

**Ivar Annus: vaja on kliimakindlaid ehitisi ja palju insenere**

Annus, Ivar err.ee 2023 [Ivar Annus: vaja on kliimakindlaid ehitisi ja palju insenere](#) [Vaja on kliimakindlaid ehitisi ja palju insenere](#)

**Jaan Kuusemetsale on arhitekti tööst saanud kutsumus ja elustiil**

Kuusemets, Jaan Hiiu Leht 2024 / lk. 8-9 <https://dea.digar.ee/article/hiiuleht/2024/12/31/10.1>

**Jarek Kurnitski : rektorivalimistel vajab TTÜ lendstarti [Võrguväljaanne]**

Kurnitski, Jarek novaator.err.ee 2020 / fot [Jarek Kurnitski: rektorivalimistel vajab TTÜ lendstarti](#)

**Jarek Kurnitski : teadus peab toetama läbimurret kodude ja töökohtade täisrenoveerimisel**

Kurnitski, Jarek; Aav, Riina rohe.geenius.ee 2024 [Jarek Kurnitski: teadus peab toetama läbimurret kodude ja töökohtade täisrenoveerimisel](#)

**Jarek Kurnitski : tulevik kuulub liginullenergiamajadele [Võrguteavik]**

Kurnitski, Jarek Postimees 2018 [Tulevik kuulub liginullenergiamajadele](#)

**Jarek Kurnitski pälvis oma teadustöö eest kuldse autasu**

Ehitaja 2024 / lk. 10 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

**Jarek Kurnitski: aitab viirusest!**

Kurnitski, Jarek Mente et Manu 2020 / lk. 26-29 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2020/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2020/mobile/index.html)  
[https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Jarek Kurnitski: Eestis ei ole võimalik samaaegselt arendada taastuv- ja tuumaenergeetikat**

Kurnitski, Jarek; Tambur, Silver delfi.ee 2024 [Jarek Kurnitski: Eestis ei ole võimalik samaaegselt arendada taastuv- ja tuumaenergeetikat](#)

**Jarek Kurnitski: energia kokkuvõid aitab talve üle elada [Võrguväljaanne]**

Kurnitski, Jarek err.ee [Jarek Kurnitski: energia kokkuvõid aitab talve üle elada](#)

**Jarek Kurnitski: hoonete fondi ja ehitusturgu ootavad suured muutused**

Kurnitski, Jarek kinnisvarauudised.ee 2024 [Jarek Kurnitski: hoonete fondi ja ehitusturgu ootavad suured muutused](#)

**Jarek Kurnitski: hoonete fondi ja ehitusturgu ootavad suured muutused**

Kurnitski, Jarek Ehitaja 2024 / lk. 21 : portr [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

**Jarek Kurnitski: ka roheehituses võib leida uusi kasumlikke nišše**

Kurnitski, Jarek; Liiviste, Priit ehitusleht.ee 2024 [Jarek Kurnitski: ka roheehituses võib leida uusi kasumlikke nišše](#)

**Jarek Kurnitski: missuguses korterelamus on kõige väiksemad kulud?**

Kurnitski, Jarek Trialoog 2024 [Jarek Kurnitski: missuguses korterelamus on kõige väiksemad kulud?](#)

**Jarek Kurnitski: tõhus ventilatsioon võib olla koroonavõõre leviku tõkestamisel võtmetegur**

Kurnitski, Jarek Ehitaja 2020 / lk. 40-41 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

**Jenni Partanen : inimese ülem hoiak looduse suhtes saab meile kahjulikuks**

Partanen, Jenni Vilhelmiina digi.geenius.ee 2022 [Jenni Partanen : inimese ülem hoiak looduse suhtes saab meile kahjulikuks](#)

**Johann Karl Simon Morgenstern ja Georges Frédéric Parrot -tütarlaste hariduse edendajad 19. sajandi alguses Tartu õpperingkonnas = Johann Karl Simon Morgenstern and Georges Frédéric Parrot – promoters of girls' education in the Tartu school district at the beginning of the 19th century**

Tohvri, Epi Qui vult, potest : Karl Morgenstern 250 2020 / lk. 205–223 [https://www.ester.ee/record=b5386802\\*est](https://www.ester.ee/record=b5386802*est)

**Joonelis-nurgalise vastulõike täpsusest**

Kala, Vello; Ustinova, Nelli Geodeet 2019 / lk. 39-43 : ill [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

**JRC review - evidence based recommendations for IEQ inclusion in EPBD**

Kurnitski, Jarek The REHVA European HVAC journal 2017 / p. 51  
[http://www.rehva.eu/fileadmin/REHVA\\_Journal/REHVA\\_Journal\\_2017/RJ2/RJ1702\\_WEB.pdf](http://www.rehva.eu/fileadmin/REHVA_Journal/REHVA_Journal_2017/RJ2/RJ1702_WEB.pdf)

**Juhised radoonikaitse meetmete kasutamiseks uutes ja olemasolevates hoonetes = Guidance for radon-protective measures for new and existing buildings [Võrguteavik]**

2017 [http://www.ester.ee/record=b4671261\\*est](http://www.ester.ee/record=b4671261*est)

**Julkisten uudisrakennusten sisäilmaongelmat sekä ilmanvaihdon ja puumateriaalien vaikutukset sisäilman laatuun - Työsuojelurahaston hanke 115376**



Voranen-Winqvist, Camilla; Alapieti, Tuomas; Andersson, Maria A.; **Kurnitski, Jarek** 2018 <http://urn.fi/URN:ISBN:978-952-60-8063-5>

### **Jänijõgi ja sealne ainulaadne uhtlammimets**

Kasak, Kuno; **Piirimäe, Kristjan** Eesti Loodus 2018 / lk. 18-21 : fot [http://www.ester.ee/record=b1072059\\*est](http://www.ester.ee/record=b1072059*est)

### **Järjepidevuse ja muutlikkuse tasakaal**

**Soomere, Tarmo** Sirp 2018 / lk. 38 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/jarjepidevuse-ja-muutlikkuse-tasakaal/>  
<https://dea.digar.ee/article/sirp/2018/05/11/15.3>

### **Kadri-Ann Kertsmit: keskkonnasäästlik ehitus pole üksnes süsinikujalajälje hindamine**

**Kertsmit, Kadri-Ann** aripaev.ee 2024 [Kadri-Ann Kertsmit: keskkonnasäästlik ehitus pole üksnes süsinikujalajälje hindamine](http://aripaev.ee/2024/05/11/kadri-ann-kertsmit-keskkonnasaa-stlik-ehitus-pole-uksnes-susini-kujalajalje-hindamine) [Kadri-Ann Kertsmit: keskkonnasäästlik ehitus pole üksnes süsinikujalajälje hindamine](http://aripaev.ee/2024/05/11/kadri-ann-kertsmit-keskkonnasaa-stlik-ehitus-pole-uksnes-susini-kujalajalje-hindamine)

### **Kadunud põlvkonna kuld**

**Soomere, Tarmo** Postimees 2018 / lk. 16 [Tarmo Soomere: kadunud põlvkonna peidetud kuld](http://postimees.ee/2018/05/11/tarmo-soomere-kadunud-polvkonna-peidetud-kuld)

### **2020. aasta ajalookirjanduse saagist võeti sõelale 14 teost**

**Tohvri, Epi**; Rahi-Tamm, Aigi; Oras, Ester Tuna 2021 / lk. 141-146 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)  
<https://www.ra.ee/teadus-ja-publikatsioonid/ajalookirjanduse-aastapremia/>

### **Kahekordse puitmaja süütamiskatse aitab eelarvamusi hajutada**

Ehitaja 2017 / lk. 44-45 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est) [https://artiklid.elnet.ee/record=b2829425\\*est](https://artiklid.elnet.ee/record=b2829425*est)

### **Kahjuks ei soovi inimene saada heaks jumalaks**

**Piirimäe, Kristjan** Maaleht 2019 / lk. 14

### **Kallim, aga energiatõhusam maja aastast 2021**

Luht, Elen; **Kurnitski, Jarek** Postimees 2017 / Kodu, lk. 2-3

### **Kandevõime. Mida me mõõdame?**

Eichfuss, Riho Teeleht 2019 / lk. 49-51 . fot [https://www.ester.ee/record=b1073043\\*est](https://www.ester.ee/record=b1073043*est)

### **KAP 3.0 - kosmeetikast ei piisa, vajame täielikku restarti**

**Kendra, Ain** Teeleht 2017 / lk. 44-47 : fot [http://www.ester.ee/record=b1073043\\*est](http://www.ester.ee/record=b1073043*est) [https://artiklid.elnet.ee/record=b2827858\\*est](https://artiklid.elnet.ee/record=b2827858*est)

### **Karl Siilivask : 20.01.1927-18.11.2017 : in memoriam**

**Soomere, Tarmo** Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2018 / lk. 44-45 : portr [http://www.ester.ee/record=b2459950\\*est](http://www.ester.ee/record=b2459950*est)

### **Karl Õiger: väljapaistvaid ehitisi on meil vähe**

**Õiger, Karl** Ehitaja 2023 / lk. 22-25 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est) [https://artiklid.elnet.ee/record=b2908320\\*est](https://artiklid.elnet.ee/record=b2908320*est)

### **Kas ja kuidas töötab teadus majanduse mootorina?**

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 77-80 : portr [http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Kas linnade kliimastrateegiad on nutikad? = Smartness in the climate strategies of cities**

**Lylykangas, Kimmo Sakari** Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2021 / lk. 75-81 : fot [https://www.ester.ee/record=b1072550\\*est](https://www.ester.ee/record=b1072550*est) <https://ajakirimaja.ee/>

### **Kas moodsad pöörded keeravad ehitussektori argielu pea peale?**

Talve, Tanel arileht.delfi.ee 2023 [Kas moodsad pöörded keeravad ehitussektori argielu pea peale?](https://arileht.delfi.ee/2023/05/11/kas-moodsad-poorded-keeravad-ehitussektori-argielu-pea-peale/)

### **Kas puitarhitektuur on tõepoolest betoonist süsinikneutraalsem?**

delfi.ee 2024 [Kas puitarhitektuur on tõepoolest betoonist süsinikneutraalsem?](https://delfi.ee/2024/05/11/kas-puitarhitektuur-on-toepoolest-betoonist-susini-ku-neutraalsem/)

### **Kas Rail Baltica takistab 2+2 maanteed valmimist?**

**Remmelg, Teeli** Ehitaja 2021 / lk. 14-16 : fot [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

### **Kas renoveerimine tasub vaeva? „Alati on ikka kõik loomulikult kallis, raha on alati vähe.“**

Pinn, Mariliis ohtuleht.ee 2023 [Kas renoveerimine tasub vaeva? „Alati on ikka kõik loomulikult kallis, raha on alati vähe.“](https://ohtuleht.ee/2023/05/11/kas-renoveerimine-tasub-vaeva-ala-ti-on-ikka-koik-loomulikult-kallis-raha-on-alati-vahe/)

### **Kasutaja vajadustest lähtuv nutiliikuvus = User-driven smart mobility**

**Grišakov, Kristi** Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2021 / lk. 58-64 : ill [https://www.ester.ee/record=b1072550\\*est](https://www.ester.ee/record=b1072550*est) <https://ajakirimaja.ee/>

## **Katuse niiskus- ja soojustoimivus**

**Kalamees, Targo** Pööning : ajalooa majad, aiad ja disainiklassika 2020 / lk. 86-90 : ill [https://www.ester.ee/record=b4516546\\*est](https://www.ester.ee/record=b4516546*est)

## **Katuseehitusreeglid. Osa 5, Lamekatused = Requirements for roof building. Part 5, Flat roofs**

2023 [https://www.ester.ee/record=b5652717\\*est](https://www.ester.ee/record=b5652717*est)

## **Kaugseire andmete kasutuselevõtt avalike teenuste väljatöötamisel ja arendamisel. Lisa 4, Ehitustegevuse planeerimine ja järelevalve : lõpparuanne**

**Puust, Raido; Varbla, Sander** 2020 <https://doi.org/10.23673/re-254>

## **Kaugseire sügiskoolist Võrus**

**Varbla, Sander** Geodeet 2019 / lk. 59-60 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

## **Keelele tuleb kasuks**

**Paulus, Karin** Sirp 2019 / lk. 32 : portr <https://www.sirp.ee/s1-artiklid/eesti-keele-aasta/karin-paulus/>  
[https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est)

## **Kehva energiaklassiga kinnisvara omanike tulevik läheb lihtsamaks**

Raig, Tanel Eesti Päevaleht 2024 / Lk. 22-23 [Kehva energiaklassiga kinnisvara omanike tulevik läheb lihtsamaks](#) [Kehva energiaklassiga kinnisvara omanike tulevik läheb lihtsamaks, sest nad peavad vähem investeerima](#)

## **Kes krooniti tänavuseks Eesti iluduskuningannaks? Tallinnas jagati välja ihaldusväärsed tiitlid**

postimees.ee 2024 [Kes krooniti tänavuseks Eesti iluduskuningannaks? Tallinnas jagati välja ihaldusväärsed tiitlid](#)

## **Kes on kes BIM-valdkonnas?**

**Kalamees, Targo** Ehitaja 2018 / lk. 32-34 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est) [https://artiklid.elnet.ee/record=b2868755\\*est](https://artiklid.elnet.ee/record=b2868755*est)

## **Kes tulid TTÜsse õppima? Aga kes ei tulnud?**

**Veinthal, Renno; Voll, Hendrik** Mente et Manu 2017 / lk. 18-21 : ill [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2017/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html) [https://artiklid.elnet.ee/record=b2827001\\*est](https://artiklid.elnet.ee/record=b2827001*est)

## **Keskkonnakaitse ülesanded**

2018 [https://www.ester.ee/record=b4772117\\*est](https://www.ester.ee/record=b4772117*est)

## **Keskkonnakaitse ülesanded**

2020 [https://www.ester.ee/record=b5305082\\*est](https://www.ester.ee/record=b5305082*est)

## **Kihnu suundunud parvlaev Amalie vajus kreeni ja jäi keset torni merehätta**

Pihlak, Aleksander delfi.ee 2023 / Lk. 4 [Kihnu suundunud parvlaev Amalie vajus kreeni ja jäi keset torni merehätta](#) [Meretehnoloogia professor: 15kraadine kreen on laevale väga suur ja ebameeldiv kaldenurk](#) [Ruhnu lähedal kreeni vajunud laev jõudis õnnelikult Lätti](#)

## **Kinematic parameters of internal waves of the second mode in the South China Sea**

Kurkina, Oxana; Talipova, Tatyana; **Soomere, Tarmo**; Giniyatullin, Ayrat; Kurkin, Andrey Nonlinear processes in geophysics 2017 / p. 645-660 : ill <https://doi.org/10.5194/npg-24-645-2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Kinnisvara korrashoid : käsiraamat**

**Liias, Roode**; Murre, Urmas; Jaanus, Sulev 2020 [https://www.ester.ee/record=b5369324\\*est](https://www.ester.ee/record=b5369324*est)

## **Kinnisvarakeskkonna korraldus : sõnavara = Facility management : vocabulary (ISO 41011:2017)**

2022 [https://www.ester.ee/record=b5507301\\*est](https://www.ester.ee/record=b5507301*est)

## **Kirega köidetud**

**Paulus, Karin** Sirp 2020 / lk. 28 <https://www.sirp.ee/s1-artiklid/c6-kunst/kirega-koidetud/> [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est)

## **Kiskjad teadlase rahakoti kallal ja "plaan S"**

**Soomere, Tarmo**; Saari, Peeter Postimees 2018 / AK, lk. 6-7 [Peeter Saari ja Tarmo Soomere kolumn: kiskjad teadlase rahakoti kallal ja "plaan S"](#)

## **Klassifitseerimisest ehituses**

**Liias, Roode** Eesti Ehituskonsultatsiooniettevõtete Liit, EKEL : [aastaraamat] = Estonian Association of Architectural and Consulting Engineering Companies, EAACEC 2019 2019 / lk. 25-28 : fot [https://www.ester.ee/record=b1222961\\*est](https://www.ester.ee/record=b1222961*est) <https://ekel.ee/et/valjaanded>

## **Kliima, teadlaste ja ettevõtjate koostöö : TTÜ pereühiselamust saab moodne liginullenergiahoone**

**Kalamees, Targo** Mente et Manu 2017 / lk. 22-25 : ill [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)  
[https://artiklid.elnet.ee/record=b2820641\\*est](https://artiklid.elnet.ee/record=b2820641*est)

## **Kliimaeesmärgid esitavad korteriühistutele tõsise väljakutse**

**Remmelg, Teeli** kinnisvarauudised.ee 2024 [Kliimaeesmärgid esitavad korteriühistutele tõsise väljakutse](#)

## **Kliimamuutuste kauge kõmin Eestit puudutamas**

**Soomere, Tarmo** Õhtuleht 2018 / lk. 12-13

## **Kliimaneutraalsus nõuab miljonite hoonete renoveerimist**

**Imeline** Teadus 2021 / lk. 20 : fot [https://www.ester.ee/record=b2747925\\*est](https://www.ester.ee/record=b2747925*est)

## **Kliimaseadus ei tohiks muuta kinnisvara kättesaamatuks**

**kinnisvarauudised.ee** 2024 [Kliimaseadus ei tohiks muuta kinnisvara kättesaamatuks](#)

## **A knowledge-based approach for enhancing fall prevention in the construction industry**

**Chellappa, Vigneshkumar; Salve, Urmi Ravindra; Li, Rita Yi Man; Liias, Roode** Journal of statistics and management systems 2020 / p. 373–378 : ill <https://doi.org/10.1080/09720510.2020.1736320>

## **Kohalike omavalitsuste ringmajanduslike tegevuste hetkeseisuga analüüs ja teekaartide koostamine : analüüsi aruanne**

**Hurt, Ulrika; Piirimäe, Kristjan; Tuisk, Tarmo; Voronova, Viktoria; Dulova, Niina; Merisaar, Jaana; Kull, Margit; Niidu, Allan; Klõga, Marija; Pachel, Karin; Küttim, Merle** 2023 <https://doi.org/10.11590/taltech.municipalities.circular.economy.roadmaps.report.2023>

## **Kohalike teede sillahaldus vajab ümberkorraldamist**

**Sein, Sander** Teeleht 2021 / lk. 18-22 : fot [https://www.ester.ee/record=b1073043\\*est](https://www.ester.ee/record=b1073043*est)

## **3 puud, mida ei tohiks maja lähedale istutada**

**postimees.ee** 2024 [3 puud, mida ei tohiks maja lähedale istutada](#)

## **Kolm uut geodeesiadoktorit Tallinna Tehnikaülikoolist**

**Ellmann, Artu** Geodeet 2018 / lk. 56-60 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

## **Kolm x seitseteist minutit uut normaalsust**

**Soomere, Tarmo** Sirp 2017 / lk. 29-30 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/kolm-x-seitseteist-minutit-uut-normaalsust/>

## **Kolm x seitseteist minutit uut normaalsust**

**Soomere, Tarmo** Teadus kolme minutiga : 2017-2019 2019 / lk. 232-239 : fot [https://www.ester.ee/record=b5245642\\*est](https://www.ester.ee/record=b5245642*est)  
<http://www.sirp.ee/s1-artiklid/c21-teadus/kolm-x-seitseteist-minutit-uut-normaalsust/>

## **Kolme minuti pikkune igavik**

**Soomere, Tarmo** Sirp 2019 / lk. 36-37 : ill [https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est) <https://sirp.ee/s1-artiklid/c21-teadus/kolme-minuti-pikkune-igavik/>

## **Kolme minuti pikkune igavik : sissejuhatus**

**Soomere, Tarmo** Teadus kolme minutiga : 2017-2019 2019 / lk. 9-13 [https://www.ester.ee/record=b5245642\\*est](https://www.ester.ee/record=b5245642*est)

## **Kombineerides vastandeid : [teadlaskarjääri süsteemist]**

**Niinemets, Ülo; Randma-Liiv, Tiina; Soomere, Tarmo** Sirp 2017 / lk. 4-6 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/kombineerides-vastandeid/>

## **Konsultant: elamute renoveerimise rahastamine pole siiani olnud stabiilne**

**Pott, Toomas** err.ee 2023 [Konsultant: elamute renoveerimise rahastamine pole siiani olnud stabiilne](#) [Kuidas suudavad väiksemate majade vaesemad pered ja pensionärid euroliidu nõuet täita?](#)

## **Kontroll karmistub: vale energiamärgise kinnitanud spetsialist võetakse pihtide vahele**

**Remmelg, Teeli** ehitusuudised.ee 2023 <https://www.ehitusuudised.ee/uudised/2023/04/04/kontroll-karmistub-vale-energiamargise-kinnitanud-spetsialist-voetakse-pihtide-vahele>

## **Kooliõpilased loovad ülikooli kaasabil jätkusuutlikke idufirmasid**

**Kaur, Katrin; Truu, Murel; Annus, Ivar; Kallau, Kädi** Mente et Manu 2020 / lk. 41 <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

## **Koos on tõhusam. Elamute renoveerimine piirkondlikult = More efficient together. Area-based renovation of residential buildings**

**Lihntmaa, Lauri; Truu, Murel** Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2023 / lk. 60-67  
[https://www.ester.ee/record=b1072550\\*est](https://www.ester.ee/record=b1072550*est)

## **Koostöös planeerimine on eeldus edukaks projekteerimiseks**

**Pikas, Ergo**; Aru, Minni Ehitaja 2019 / lk. 19-22 : ill [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

### **Koroona töi ventilatsiooni paradigma muutuse**

Kurnitski, Jarek Postimees 2023 / Lk. 6 <https://dea.digar.ee/article/postimees/2023/01/14/13.4> Koroona töi ventilatsiooni paradigma muutuse

### **Koroona töi ventilatsiooni paradigma muutuse**

**Kurnitski, Jarek** Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 11-12 : ill [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

### **Koroonaviiruse leviku tõkestamine töökohtadel - tehnosüsteemid**

**Kurnitski, Jarek** Ehitaja 2020 / lk. 42 : ill [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

### **Korrelatsioon- ja regressioonanalüüs: empiirilise uuringu näide [Võrguväljaanne]**

Retšnoi, Vitali; **Lember, Erki** Tallinna Tehnikakõrgkooli Toimetised 2020 / lk. 13-21 : ill [https://issuu.com/tktk8/docs/tktkoppejoududetoimetised\\_26\\_2020\\_vol1](https://issuu.com/tktk8/docs/tktkoppejoududetoimetised_26_2020_vol1)

### **Korrosioonikaitse ehituses**

**Raado, Lembi-Merike** 2022 [https://www.ester.ee/record=b5491613\\*est](https://www.ester.ee/record=b5491613*est)

### **Korterelamu renoveerimine: parem üks kord ja korralikult. Millised remonttööd on vajalikud?**

**Kurnitski, Jarek** maaleht.ee 2023 [Korterelamu renoveerimine: parem üks kord ja korralikult. Millised remonttööd on vajalikud?](https://maaleht.ee/2023/01/14/13.4)

### **Korteriühistud saavad Euroopast 300-miljonilise abikäe**

Puhm, Carl-Robert postimees.ee 2023 [Korteriühistud saavad Euroopast 300-miljonilise abikäe](https://postimees.ee/2023/01/14/13.4)

### **Korteriühistute suurfoorumil on luubi all kaks praeguse aja võtmeteemat**

Kostap, Kristina postimees.ee 2023 [Korteriühistute suurfoorumil on luubi all kaks praeguse aja võtmeteemat](https://postimees.ee/2023/01/14/13.4)

### **Kortermajade renoveerimine läheb visalt: mõnel pool on organiseeritud vastupanuliikumine**

Leet, Lauri kinnisvarauudised.ee 2023 [Kortermajade renoveerimine läheb visalt: mõnel pool on organiseeritud vastupanuliikumine](https://kinnisvarauudised.ee/2023/01/14/13.4)

### **Kosmoseriik Eesti**

Pilvinski, Katre Teeleht 2018 / lk. 11-13 : fot [http://www.ester.ee/record=b1073043\\*est](http://www.ester.ee/record=b1073043*est)  
[https://www.mnt.ee/sites/default/files/road\\_paper\\_pdf/teeleht\\_93\\_veb\\_must.pdf](https://www.mnt.ee/sites/default/files/road_paper_pdf/teeleht_93_veb_must.pdf)

### **Kouvola Housing fair NZEB houses energy, cost and carbon analyses**

Ahmed, Kaiser; Hajian, Hatef; Hasu, Tero; **Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 13001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017213001>  
[Conference proceedings at Scopus Article at Scopus Article at WOS](https://www.scopus.com/search/result?query=Kouvola+Housing+fair+NZEB+houses+energy,+cost+and+carbon+analyses)

### **Kriisiaegne õlekõrs - bituumeni ja tsemendi sümbioos**

**Kendra, Ain** Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2022 / lk. 62-67 : fot <https://digiajakiri.transpordiamet.ee/view/310308800/62/> [https://www.ester.ee/record=b5495900\\*est](https://www.ester.ee/record=b5495900*est)

### **Kristi Grišakov: bussipeatused – ühisveonduse räbaldunud visiitkaart**

**Grišakov, Kristi** postimees.ee 2021 / Lk. 16-17 "Kristi Grišakov: bussipeatused – ühisveonduse räbaldunud visiitkaart" <https://dea.digar.ee/article/postimees/2021/09/30/17.2>

### **Kristjan Tabri ja Heigo Mölder: meretaristut võiksid valvata robotid = Kristjan Tabri, Heigo Mölder: Robots could guard marine infrastructure**

**Tabri, Kristjan; Mölder, Heigo** err.ee 2023 [Kristjan Tabri ja Heigo Mölder: meretaristut võiksid valvata robotid Kristjan Tabri, Heigo Mölder: Robots could guard marine infrastructure](https://err.ee/2023/01/14/13.4) [Кристьян Табри и Хейго Мьльдер: морскую инфраструктуру могли бы охранять роботы](https://err.ee/2023/01/14/13.4)

### **Kristjan Tabri: üllatas, et Estonia vigastused on nii ulatuslikud**

Kipper, Tõnis Saarte Hääl 2023 / lk. 6 <https://dea.digar.ee/article/saartehaal/2023/09/26/9.1>

### **Kui hoonel ja hoones on külm**

**Kurnitski, Jarek** Tööelu : Tööinspektsiooni ajakiri 2022 / Lk. 26-27 <https://www.ti.ee/sites/default/files/documents/2022-11/T%C3%B6%C3%B6elu%202022%20talv.pdf> [https://www.ester.ee/record=b4520813\\*est](https://www.ester.ee/record=b4520813*est)

### **Kui palju 2+2 teid on Eestis juurde vaja?**

**Kendra, Ain** ehitusuudised.ee 2023 [Kui palju 2+2 teid on Eestis juurde vaja?](https://ehitusuudised.ee/2023/01/14/13.4)

### **Kui palju ehitusgeodeesia insenere on vaja, et valmis ehitada 16 kilomeetrit 4-realist maanteed?**

**Kask, Mihkel; Sein, Sander; Ellmann, Artu** Geodeet 2022 / lk. 52-56 : fot [http://www.ester.ee/record=b1072198\\*est](http://www.ester.ee/record=b1072198*est)

## Kui suur on erinevus hinnas ja vastupidavuses betoon- ja asfaltteel?

Kask, Mihkel ohtuleht.ee 2025 [kui suur on erinevus hinnas ja vastupidavuses betoon- ja asfaltteel?](#)

## Kui teadlased Tartu viaduktini jõudsid, oli piirkond juba veeuputuse alla jäänud

Leitmaa, Dannar Ohtuleht 2024 / lk. 4-5 <https://dea.digar.ee/article/ohtuleht/2024/08/10/2.13>

## Kui vähem, siis kvaliteetsem, mitte odavam

Valk-Siska, Veronika Sirp 2020 / lk. 8-9 : ill <https://www.sirp.ee/s1-artiklid/arhitektuur/kui-vahem-siis-kvaliteetsem-mitte-odavam>  
[https://www.ester.ee/record=b1072938\\*est](https://www.ester.ee/record=b1072938*est)

## Kuidas alandada puithoonete maksumust?

Kalamees, Targo Ehitaja 2020 / lk. 32-33 : portr [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

## Kuidas arvutada hoone CO2 jalajälge?

Oviir, Anni Sirp 2024 / lk. 12 : portr <https://www.sirp.ee/s1-artiklid/arhitektuur/kuidas-arvutada-hoone-co2-jalajalge/>

## Kuidas arvutada hoone süsinikujalajälge?

Kurnitski, Jarek; Lylykangas, Kimmo Sakari EhitusEST 2022 / lk. 22-24 : tab [https://www.ester.ee/record=b4442657\\*est](https://www.ester.ee/record=b4442657*est)  
<https://ehitusest.ee/uudis/2022/04/04/hoone-susinikujalajalg/>

## Kuidas ehitusinseneride õppel läheb

Kurnitski, Jarek; Lill, Irene; Annus, Ivar Eesti Ehituskonsultantsiooniettevõtete Liit, EKEL : [aastaraamat] = Estonian Association of Architectural and Consulting Engineering Companies, EAACEC 2019 2019 / lk. 19-24 : ill [https://www.ester.ee/record=b1222961\\*est](https://www.ester.ee/record=b1222961*est)  
<https://ekel.ee/et/valjaanded>

## Kuidas jõuda riigi nõutavasse energiaklassi? Eramajade jaoks on üks kiire nipp

Laks, Liina postimees.ee 2023 [Kuidas jõuda riigi nõutavasse energiaklassi? Eramajade jaoks on üks kiire nipp](#)

## Kuidas kaugel ja külm Lõunaookean meie kliimat säilitab?

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 58-60 : portr [http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

## Kuidas leida üles tühjad eluruumid?

Männigo, Kristjan; Lihtmaa, Lauri Sirp 2022 / lk. 38-39 : fot <https://www.sirp.ee/s1-artiklid/arhitektuur/kuidas-leida-ules-tuhjad-eluruumid/>

## Kuidas me Peipsi järve tagasi saame

Piirimäe, Kristjan Postimees 2018 / lk. 20 [Kristjan Piirimäe: kuidas me Peipsi tagasi saame](#)

## Kuidas paigaldada lift vanasse korterelamusse? = Как установить лифт в старом многоквартирном доме?

Kalamees, Targo Elamu 2021 / lk. 20-21 : fot.; c. 44-45 : фот [https://www.ester.ee/record=b1072137\\*est](https://www.ester.ee/record=b1072137*est)

## Kuidas päästa linnad üleujutustest? Ivar Annuse töögrupil on käsil kümme projekti, mis kõik tegelevad kliimakindlate veesüsteemide loomisega

Annus, Ivar ehitusleht.ee 2024 [Kuidas päästa linnad üleujutustest? Ivar Annuse töögrupil on käsil kümme projekti, mis kõik tegelevad kliimakindlate veesüsteemide loomisega](#)

## Kuidas renoveerida kortermaja, et see ei näeks välja nagu inetu lapitekk

Martin, Anni delfi.ee 2024 [Kuidas renoveerida kortermaja, et see ei näeks välja nagu inetu lapitekk](#)

## Kuidas saada vähesõidetavad teed tolmuvabaks?

Sillamäe, Sven Teeleht 2020 / lk. 23-25 : fot; 100, suvi, lk. 35-37 : fot [https://www.ester.ee/record=b1073043\\*est](https://www.ester.ee/record=b1073043*est)  
[https://www.mnt.ee/sites/default/files/road\\_paper\\_pdf/mnt\\_teeleht\\_nr99\\_veeb\\_0.pdf](https://www.mnt.ee/sites/default/files/road_paper_pdf/mnt_teeleht_nr99_veeb_0.pdf)

## Kuidas saavad ülikoolid reageerida energiakriisile ja rohepöörde ühiskondlikele probleemidele?

Kurnitski, Jarek Mente et Manu 2022 / lk. 4-5 : portr [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## Kuidas säästa?

Thalfeldt, Martin Ohtuleht 2021 / Lk. 17 <https://dea.digar.ee/article/ohtuleht/2021/10/26/13.3>

## Kuidas tõkestada viirushaigusi töökohtadel

Kurnitski, Jarek Äripäev 2020 / Ehitusuudised, Lk. 24-25 : portr [https://www.ester.ee/record=b2050444\\*est](https://www.ester.ee/record=b2050444*est)  
[https://www.ester.ee/record=b1071975\\*est](https://www.ester.ee/record=b1071975*est)

## Kuidas viia Eestis sujuvalt läbi renoveerimislaine?

Kisel, Einari; Kalamees, Targo; Pikas, Ergo; Liiv, Innar; Arumägi, Endrik Mente et Manu 2023 / lk. 40-41 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## Kuidas vältida õhulekkeid tehasemajades?

Kalbe, Kristo Oma Maja : Äripäeva Kuukiri 2021 / Lk. 40, 42 : ill <https://dea.digar.ee/article/apomamaja/2021/04/29/24.3>

## Kuivale jooksnud Eesti

Piirimäe, Kristjan Maaleht 2018 / lk. 16 <https://maaleht.delfi.ee/artikkel/80725381/kuivale-jooksnud-eesti>

## Kujutav geomeetria : harjutusülesanded

2020 [https://www.ester.ee/record=b5260470\\*est](https://www.ester.ee/record=b5260470*est)

## Kujutav geomeetria : harjutusülesanded

2018 [https://www.ester.ee/record=b5260470\\*est](https://www.ester.ee/record=b5260470*est)

## Kujutav geomeetria : harjutusülesanded teedeehituse ja geodeesia erialadele

2024 [https://www.ester.ee/record=b5693291\\*est](https://www.ester.ee/record=b5693291*est)

## Kujutav geomeetria arhitektuurerialadele : harjutusülesanded

2018 [https://www.ester.ee/record=b5201930\\*est](https://www.ester.ee/record=b5201930*est)

## Kujutav geomeetria arhitektuurerialadele : harjutusülesanded

2020 [https://www.ester.ee/record=b5201930\\*est](https://www.ester.ee/record=b5201930*est)

## Kujutav geomeetria. Ehitusjoonis : harjutusülesanded

2018 [https://www.ester.ee/record=b5201918\\*est](https://www.ester.ee/record=b5201918*est)

## Kujutava geomeetria : harjutusülesanded

2019 [https://www.ester.ee/record=b5260470\\*est](https://www.ester.ee/record=b5260470*est)

## Kurnitski : hoonete energiatõhusus takerdub inseneride haridusse

Kurnitski, Jarek ehitusuudised.ee 2022 [Kurnitski: hoonete energiatõhusus takerdub inseneride haridusse](#)

## Kurnitski: Eesti on süsiniku jalajälje osas maha jäänud

Kurnitski, Jarek; Viik, Urve ehitusuudised.ee 2024 [Kurnitski: Eesti on süsiniku jalajälje osas maha jäänud](#)

## Kurnitski: Eesti on süsiniku jalajälje osas maha jäänud

Kurnitski, Jarek; Viik, Urve kinnisvarauudised.ee 2024 [Kurnitski: Eesti on süsiniku jalajälje osas maha jäänud](#)

## Kurnitski: Eestis on renoveerimist vajavate majade hulk erakordselt suur

Kurnitski, Jarek ehitusuudised.ee 2023 [Kurnitski: Eestis on renoveerimist vajavate majade hulk erakordselt suur](#)

## Kurnitski: hoonete energiatõhusus takerdub inseneride haridusse

Kurnitski, Jarek Ehitaja 2023 / lk. 36-37 : ill [https://www.ester.ee/record=b1072123\\*est](https://www.ester.ee/record=b1072123*est)

## Kurnitski: korteri jahutamiseks tuleb päevasel ajal aknad kinni hoida [Võrguväljaanne]

Müller, Arp; Kurnitski, Jarek err.ee 2021 / audio [Kurnitski: korteri jahutamiseks tuleb päevasel ajal aknad kinni hoida](#)

## Kurnitski: pandeemia muutis inimeste arusaama ventilatsiooni vajalikkusest = Курницкий: Пандемия изменила мнение людей о необходимости вентиляции

Kurnitski, Jarek Elamu 2021 / lk. 13 [https://www.ester.ee/record=b1072137\\*est](https://www.ester.ee/record=b1072137*est)

## Kurnitski: pigem võiks ehitada majade alla varjumiskohti = Эксперт: создать бомбоубежища реально только в новостройках

Rohemäe, Maria-Ann err.ee 2024 [Kurnitski: pigem võiks ehitada majade alla varjumiskohti Эксперт: создать бомбоубежища реально только в новостройках](#)

## Kurnitski: rohepööre seab ehituses uusi suuri väljakutseid: millist eriala oleks kaval õppida

Kurnitski, Jarek postimees.ee 2023 [Kurnitski: rohepööre seab ehituses uusi suuri väljakutseid: millist eriala oleks kaval õppida](#)