

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 tehnokraatia

Paulus, Karin Sirp 2019 / lk. 24-25 : fot <https://www.sirp.ee/s1-artiklid/arhitektuur/aadamaulikonnas-tehnokraatia/>
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

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; Rüttnann, 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

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, keskkonnavalased 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](#)

Accuracy of the Mindlin model in A0 Lamb mode scattering from partial through-thickness damage

Lints, Martin; Ratassepp, Madis Applied Sciences (Switzerland) 2024 / art. 9351 <https://doi.org/10.3390/app14209351> [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/NikalWebsitePortal/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](#)

Data acquisition workflow utilizing lod3 geometry templates and point clouds for urban building energy modelling

Ilste, Elisa; Pikas, Ergo; Kalamees, Targo; Viik, Joosep Proceedings of the 2024 European Conference on Computing in Construction 2024 / p. 689-696 <https://doi.org/10.35490/EC3.2024.221> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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>

Advantages of using a seismic piezocone penetration test for analysis of a single screw in situ displacement pile in silty soils

Leetsaar, Lehar; Korkiala-Tanttu, Leena Indian geotechnical journal 2025 / p. 802-815 : ill <https://doi.org/10.1007/s40098-024-00942-5>

An affect-based built environment video analytics

Kaklauskas, Arturas; Zavadskas, Edmundas Kazimieras; Bardauskiene, D.; **Ubarte, 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.; **Ubarte, 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 [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 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 <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** 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 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 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

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 SEANOE 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

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

Ajaloolised katusekonstruktsioonid

Kalamees, Targo Pööning : ajalooga majad, aiad ja disainiklassika 2020 / lk. 86-90 : fot 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

Akadeemik : auku energeetikaalases hariduses lapime 30 aastat

Kurnitski, Jarek aripaev.ee 2022 [Akadeemik: auku energeetikaalases hariduses lapime 30 aastat](http://aripaev.ee/2022/akadeemik-auku-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 tutvustab teekaarti, mis juhataks Tehnikaülikooli kadunud megavati otsingule

Kurnitski, Jarek digi.geenius.ee 2025 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/akadeemik-jarek-kurnitski-tutvustab-teekaarti-mis-juhataks-tehnikaulikooli-kadunud-megavati-otsingule/>

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/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/akadeemik-selgitab-kuidas-kaitada-haiguspuhangu-ajal-ventilatsioonisysteeme)

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 sein liitekohta 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>

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

2020 https://www.ester.ee/record=b5352839*est

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

Mostafavi, Majid 2024 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

Ambitsioonikad taristueesmärgid - kas nende realiseerimiseks jagub ka ressursse?

Kendra, Ain Transport ja Teed 2020 / lk. 33-34 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, 10 p. : ill <https://doi.org/10.1016/j.marpolbul.2024.117090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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](#)

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 liginullenergiahoone kuluoptimaalsusest

Arumägi, Endrik Kõik ärikinnisvarast : [ajalehe Äripäev lisa] 2021 / Lk. 10 https://static-pdf.aripaev.ee/QddBW9e_Hq4l1zNz_G0UWVGUltE.pdf 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](#) [Article at Scopus](#) [Article at WOS](#)

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

Pratama, Angga Sifta; Prabowo, Aditya Rio; Muhyat, 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](#) [Article at Scopus](#)

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

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, Vasy; **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, Vasy; **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

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](#)

Andmepõhine maailm vajab insenere rohkem kui kunagi varem

Rammus, Kristin; Annus, Ivar Trialoog 2025 <https://trialoog.taltech.ee/andmepohine-maailm-vajab-insenere-rohkem-kui-kunagi-varem/>

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

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

Applicability of limiting phase angle temperatures for measuring the low temperature performance and aging of asphalt binders = Piiravate faasinurga temperatuuride rakendatavus bituumenite madala temperatuuri ja vananemislase toimivuse mõõtmiseks

Lill, Kristjan 2024 https://www.ester.ee/record=b5712446*est <https://digikogu.taltech.ee/et/Item/7e247788-70ef-4a2b-b0d1-d72c16a9b993>
<https://doi.org/10.23658/taltech.70/2024>

The applicability of limiting phase angle temperatures for specifying asphalt binder low temperature performance

Lill, Kristjan; Kontson, Karli; Aavik, Andrus Baltic journal of road and bridge engineering 2023 / p. 166-184
<https://doi.org/10.7250/bjrbe.2023-18.623> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; Kõrgesaar, 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 = Terrestriline laserskaneerimine ehituskonstruksioonide mõõdistamisel

Mill, Tarvo 2017 <https://digi.lib.ttu.ee/ii/?9118> 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.jobbe.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 I. <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.; **Ubarste, 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/arengueesmaargid-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-ugala-st-tehnika-uueneb-atmosfaar-jaab>

Arhitekt Raine Karp = Architect Raine Karp

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

Arhitektid taas TTÜs

Raud, Irina Uuele kvaliteedile ja värikale positsioonile : Tallinna Tehnikaülikool 2000-2015 2018 / lk. 354-362 : fot
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.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 ehitusinseneri 2018 / lk. 361-364

Arne Randlepp 80

Ellmann, Artu; Kala, Vello Geodeet 2022 / lk. 84-85 : fot 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. Rahvusooper Estonia juurdeehitus – müüdid ja tegelikkus?

Kuusemets, Jaan err.ee 2024 [Arvamus. Rahvusooper 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://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

Arvate, et teile müüdi A-energiaklassi korter? Mõõtku uuesti

Raig, Tanel arileht.delfi.ee 2023 [Arvate, et teile müüdi A-energiaklassi korter? Mõõtku 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 Eestonia 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

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

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; Järvi, 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 (LPS22) 2022 / 1 p <https://www.lps22.eu/>

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

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

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

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

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

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; Ratasseppe, Madis; Märtens, 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 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Avaldati nakatumisriskil põhinev ventilatsiooni projekteerimisjuhis

Kurnitski, Jarek EhitusEST 2023 / lk. 38-39 : fot 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

Balti Teede konverents teadlase pilgu läbi

Aavik, Andrus Teeleht 2017 / lk. 102 : fot 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> Journal metrics at Scopus Article at Scopus

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 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.2022.171>

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 / p. 632–645 : ill https://doi.org/10.1007/978-3-030-49916-7_64 Journal metrics at Scopus Article at Scopus

Betoon ja asfalt Eesti teedehituses

Kendra, Ain EhitusEST 2020 / lk. 22–23 : ill https://www.ester.ee/record=b4442657*est <https://ehitusest.ee/uudis/2020/08/31/betoon-ja-asfalt-est-tee-dehituses/>

Betoon ja raudbetoon : spetsifitseerimine, tehnoloogia, kvaliteet, vastavushindamine

2017 http://www.ester.ee/record=b4741175*est

Betoon on asfaldist üle, mitmekordselt

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

Betoon on suur süsinikuladu

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

Betoon on suur süsinikuladu

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

Betoonelementide tolerantsid

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

Betooni paradoks

Kertsmik, Kadri-Ann Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2025 / lk. 10–20
https://www.ester.ee/record=b1072550*est

Betoonist ja katenditest

Kendra, Ain Transport ja Teed 2023 / lk. 12–16 : fot 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

Betoonist ja selle kulumisest

Kendra, Ain Transport ja Teed 2021 / lk. 29–30 http://www.ester.ee/record=b1073099*est

Betoonist teed ei ole liigne luksus, vaid arukas kokkuvõtte [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

Betoonpõrandad

2023 https://www.ester.ee/record=b5535401*est

Betoontarindite parandamine ja kaitsmine

2024 https://www.ester.ee/record=b5685104*est

Betoontarindite pinnad

2025 https://www.ester.ee/record=b5757553*est

Beyond the blind spot : enhancing polyphony through city planning activism using public participation GIS

Harsia, Eveliina; Nummi, Pilvi Urban Planning 2024 / art. 7096 <https://doi.org/10.17645/up.7096> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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://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

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

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

2023 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](#)

Bond governed interactions between helical reinforcement and 3D printed concrete

Hass, Lauri; Bos, F.P.; Salet, T.A.M. Journal of building engineering 2025 / art. 111447, 28 p. : ill <https://doi.org/10.1016/j.jobbe.2024.111447>

Breaking barriers for breaking ground: A categorisation of public sector challenges to smart city project implementation

Akgün, Emine Zehra; Gerli, Paolo; **Mora, Luca**; McTigue, Clare Public policy and administration 2024 / 53 p. : ill <https://doi.org/10.1177/09520767241263233> [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

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

Building cluster optimization to integrate energy performance and outdoor thermal comfort

De Luca, Francesco; Nabori, 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

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 conflictinduced displacement : a report of the REGARD project : rebuilding after displacement

2022 https://regardproject.com/portal/images/Downloads/Regard_Final_Project_Report_V2.pdf

BÜ11: Betoontarindite parandamine ja kaitsmine

Vapper, Veikko Ehitaja 2024 / lk. 40-42 : fot 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 / 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; Traksmaa, 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; Kuk, 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.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; Kuk, 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://digi.lib.ttu.ee/i/?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, Viktoria; 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

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, Viktoria;** 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> [Journal metrics at Scopus](#) [Article at Scopus](#)

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-42f1-88c7-34c9d9677b17> 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

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**; **Trikkel, 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://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 2024 <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.jobe.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 <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

Committee 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

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 Englund; 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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; Mastrolemba 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; Lakshmyanarayana, 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

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

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. : ill <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

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

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; Kuk, 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

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

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 [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](#)

Corrigendum to “New dose-response model and SARS-CoV-2 quanta emission rates for calculating the long-range airborne infection risk” [Build. Environ. 228 (2023) 109924] (S0360132322011544), (10.1016/j.buildenv.2022.109924)

Aganovic, Amar; Cao, Guangyu; **Kurnitski, Jarek**; Wargocki, Pawel Building and environment 2024 / art. 111494, 1 p
<https://doi.org/10.1016/j.buildenv.2024.111494> [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 <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 <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 2022 / p. 631-652 : ill
<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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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://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

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://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 / 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; Teittinene, 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 Alise 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 [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

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

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.sirp.ee/s1-artiklid/c21->

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

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 <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

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 <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 crosssection 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://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; Fahmi, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determining biogas yield from industrial biodegradable waste = Biolagunevatest tootmisjäädikdest biogaasi saagise määramine

Kuusik, Argo 2017 <https://digi.lib.ttu.ee/i/?77712> 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>

Deterministic and probabilistic analyses of the bearing capacity of screw cast in situ displacement piles in silty soils as measured by CPT and SDT

Leetsaar, Lehar; Korkiala-Tanttu, Leena The Baltic journal of road and bridge engineering 2023 / p. 99-127 : ill

<https://doi.org/10.7250/bjrbe.2023-18.600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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](#)

Developing guided wave tomography for a pipe bend = Ultrahelitimograafia toru põlvede kontrollimiseks
Rasgado Moreno, Carlos Omar 2025 https://www.ester.ee/record=b5736911*est <https://digikogu.taltech.ee/et/Item/aac8515a-2964-40c0-9048-983c52f48f1d> <https://doi.org/10.23658/taltech.18/2025>

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; Reiha, Alvin 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

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://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 pavement temperature estimation models and the impact of climate change on pavement temperatures in Estonia = Teekatte temperatuuride arvutamise mudelite arendamine ja kliimamuutuste mõju Eesti teekatete temperatuuridele
Kontson, Karli 2025 https://www.ester.ee/record=b5744381*est <https://digikogu.taltech.ee/et/Item/9c8d3c4e-b1f5-42b4-8bda-77fea5c05c0b> <https://doi.org/10.23658/taltech.27/2025>

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

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

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://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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Jahanmard, Vahidreza 2024 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

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.; **Kurnitski, 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>

Draught and Infection Risk Control in Modern Educational and Office Spaces = Tõmbus- ja nakkusriski ohjamine kaasaegsetel haridus- ja büroopindadel

Kiil, Martin 2025 https://www.ester.ee/record=b5754732*est <https://digikogu.taltech.ee/et/Item/e12facc0-069c-455a-b91b-ed472db43f80>
<https://doi.org/10.23658/taltech.50/2025>

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 Rafif; 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, Hatem; 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

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

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)
<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

Eelpuhastus

Taklai, Mart; Kriipsalu, Mait; Kõrgmaa, Vallo; Tõnisberg, Enn; **Lember, Erki**; Värk, Vahur Reoveepuhastuse käsiraamat 2023 / lk. 102-134 <https://lifecleanest.ee/sites/cleanest/files/2023-10/>

Eessõna

Räämet, Andrus Ehitusmehaanika : varraskonstruksioonide staatika : [kõrgkooliõpik] 2022 / lk. 3-4 <https://digikogu.taltech.ee/et/Item/ba0a57f3-6f4d-4fed-8207-ff7d14cbafe9>

Eessõna

Urbel, Emil Arhitekt Raine Karp = Architect Raine Karp 2016 / 1 lk https://www.ester.ee/record=b4563060*est

[Eessõna]

Lahe, Andres Varrassüsteemide võnkumine. EST-meetod 2018 / lk. 3-4 https://www.ester.ee/record=b4769813*est <https://digikogu.taltech.ee/et/Item/100d0d73-65fc-498d-bc26-11666bea925e>

Eessõna

Räämet, Andrus Ehitusmehaanika : varraskonstruksioonide staatika : õpik kõrgkoolidele 2018 / lk. 4-5 https://www.ester.ee/record=b5053865*est

Eesti 2050 stsenaariumid

Grišakov, Kristi; Kaevats, Mihkel Linnastunud ühiskonna ruumilised valikud 2020 / Lk. 268–277 https://www.ester.ee/record=b5362642*est

Eesti ajalooliste mõisaparkide ja metsade puistu liigilise koosseisu võrdluse meetod

Nutt, Nele; **Kubjas, Ardo**; Kaplinski-Sauk, Minea Agraarteadus 2020 / lk. 66-69 : ill <https://doi.org/10.15159/jas.20.01> <https://dea.digar.ee/article/AKagraarteadus/2020/06/0/22> [Journal metrics at Scopus](#) [Article at Scopus](#)

Eesti ehitusettevõtted on tehaselises renoveerimises olümpiavõitjad

ehitusleht.ee 2024 [Eesti ehitusettevõtted on tehaselises renoveerimises olümpiavõitjad](#)

Eesti Elukeskkond aastal 2050

Grišakov, Kristi Linnastunud ühiskonna ruumilised valikud 2020 / Lk. 254–267 https://www.ester.ee/record=b5362642*est

Eesti esimesel rehvideel sõidavad ka Kaitseväe raskeliiklusvahendid

Sillamäe, Sven Teeleht 2021 / lk. 35-37 : fot https://www.ester.ee/record=b1073043*est <https://transpordiamet.ee/uudised-ametist-ja-kontakt/trukised-ja-valjaanded#item-1>

Eesti geodeedid rahvusvahelises teaduses

Varbla, Sander; **Ellmann, Artu** Geodeet 2019 / lk. 56-58 : fot http://www.ester.ee/record=b1072198*est https://artiklid.elnet.ee/record=b2883052*est

Eesti hooned liiguvad heitevabade standardite suunas

ehitusuudised.ee 2025 <https://www.ehitusuudised.ee/uudised/2025/06/11/eesti-hooned-liiguvad-heitevabade-standardite-suunas>

Eesti kodusid kimbutab liiga kõrge CO2 tase

Piir, Rait novaator.err.ee 2024 [Eesti kodusid kimbutab liiga kõrge CO2 tase](#)

Eesti kodusid ootab peagi ees renoveerimismaraton [Võrguväljaanne]

Kalamees, Targo Äripäev 2021 / Lk. 12 "[Eesti kodusid ootab peagi ees renoveerimismaraton](#)"

Eesti korterelamute renoveerimine : tulemused = Реновация многоквартирных домов в Эстонии : результаты

Elamu 2022 / lk. 10-11 : fot https://www.ester.ee/record=b1072137*est

Eesti kultuuri ja eneseteadvuse märkamatud tugisambad

Soomere, Tarmo; Tammiksaar, Erki Postimees 2018 / AK lk. 7 [Tarmo Soomere ja Erki Tammiksaar: Eesti teaduse märkamatud tugisambad tuleb varjusurmast välja tuua](#)

Eesti linnad ja põllumehed peavad harjuma üha tugevamate vihmasadudega

Piir, Rait novaator.err.ee 2025 <https://novaator.err.ee/1609644656/eesti-linnad-ja-pollumehed-peavad-harjuma-uha-tugevamate-vihmasadudega>

Eesti maju gaasiplahvatus rängalt ei kahjustaks

Kurnitski, Jarek Postimees 2017 / lk. 6 <https://www.postimees.ee/4309273/eesti-kortermaju-gaasiplahvatus-rangalt-ei-kahjustaks>

Eesti Nokia leitud : poole energiatarbimisest saaks maailmas kokku hoida

Berendson, Risto; Kurnitski, Jarek Õhtuleht 2019 / lk. 4-5 : portr <https://www.oh tuleht.ee/982581/eesti-nokia-leitud-poole-energiatarbimisest-saaks-maailmas-kokku-hoida> https://www.ester.ee/record=b1408161*est

Eesti on Euroopa Ruumiandmete Rakendusühtluse Ühingu EuroSDR liige

Tiits, Tambet; Ellmann, Artu Geodeet 2020 / lk. 19-25 : fot http://www.ester.ee/record=b1072198*est

Eesti otsib pääseteed tuleviku veekriiside vältimiseks

rohe.geenius.ee 2025 [Eesti otsib pääseteed tuleviku veekriiside vältimiseks](#)

Eesti piirialale punkrite ehitamiseks kulub viie korterelamu jagu materjali = Bunkers development to require enough 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 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

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017

Soomere, Tarmo 2018 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

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

Eesti Teaduste Akadeemia sõnas ja pildis 2017

Soomere, Tarmo 2018 http://www.ester.ee/record=b5054043*est

Eesti Teaduste Akadeemia sõnas ja pildis 2018

Soomere, Tarmo 2019 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 tudengeid saatis rahvusvahelisel arhitektuurivõistlusel edu

postimees.ee 2025 <https://haridus.postimees.ee/8279287/eesti-tudengeid-saatis-rahvusvahelisel-arhitektuurivoistlusel-edu>

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/mente-et-manu/> http://www.ester.ee/record=b1242496*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

Eesti Vabariigi preemiad 2019 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport
2019 https://www.ester.ee/record=b1226072*est

Eesti, Läti ja Leedu võeti Põhjamaade Geodeesia Komisjoni ametlikeks liikmeteks
Liibus, Aive; Ellmann, Artu Geodeet 2022 / lk. 14-18 : fot http://www.ester.ee/record=b1072198*est

Eestil puudub ratsionaalne teadusplaan
Piirimäe, Kristjan Maaleht 2019 / lk. 16

Eestis kehtima hakanud liginullenergiaühete 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://www.ester.ee/record=b1222961*est

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

Eestis tasuks betoontee ehitamist siiski kaaluda
Kendra, Ain Transport ja Teed 2020 / lk. 11-13 : ill 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://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

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; Poltimäe, 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

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
Lõhmus, 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

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-](http://scholar.waset.org/1307-6892/10007020)

[6892/10007020](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; Fragiocomo, Massimo Construction and building materials

2024 / art. 138080 <https://doi.org/10.1016/j.conbuildmat.2024.138080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at](#)

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

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

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-](https://rohetiiger.ee/wp-content/uploads/2023/04/EHITUSE-TEEKAART-2040-v1.pdf?fbclid=IwAR1_jlRZmtPtKibMUwLul_ru7btzHhmt2h2qceafhQJ6SXQtAgnPcXJvWs)

[TEEKAART-2040-v1.pdf?fbclid=IwAR1_jlRZmtPtKibMUwLul_ru7btzHhmt2h2qceafhQJ6SXQtAgnPcXJvWs](https://rohetiiger.ee/wp-content/uploads/2023/04/EHITUSE-TEEKAART-2040-v1.pdf?fbclid=IwAR1_jlRZmtPtKibMUwLul_ru7btzHhmt2h2qceafhQJ6SXQtAgnPcXJvWs)

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

Kala, Vello; **Varbla, Sander; Kakko, Mairolt; Ellmann, Artu** 2025 https://www.ester.ee/record=b5756579*est
<https://digikogu.taltech.ee/et/Item/069877a2-ba55-4dec-8cf4-65d08f60bd4b> <https://doi.org/10.23658/dy4b-gq54>

Ehitusgeodeesia õpetamisest Tallinna Tehnikaülikoolis

Metsvahi, Tiit; Ellmann, Artu Geodeet 2018 / lk. 53-54 : fot 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

Ehitusgeodeesiast Tallinna Tehnikaülikoolis

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

Ehitushanke kulukontroll

Nuuter, Tiina 2019 https://www.ester.ee/record=b5282071*est

Ehitusinseneeria : iga õppija eest tuleb võidelda

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

Ehitusinseneeria: iga õppija eest tuleb võidelda

Leet, Lauri; Vilk, 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

Ehitusinseneri kutse piirid või piiritus

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

Ehitusjoonis : harjutusülesanded

2018 https://www.ester.ee/record=b5201937*est

Ehituskonverents - kõik on kohal!

EhitusEST 2024 / lk. 4-5 : fot 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

Ehituslik põletatud põlevkivi : spetsifikatsioon, toimivus ja vastavus = Burnt shale for building materials : specification, performance and conformity

2024 https://www.ester.ee/record=b5700632*est

Ehituslik põletatud põlevkivi : spetsifikatsioon, toimivus ja vastavus = Burnt shale for building materials : specification, performance and conformity

2024 https://www.ester.ee/record=b5728400*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

Ehitusmaterjalid

Raado, Lembi-Merike 2018 https://www.ester.ee/record=b5151207*est

Ehitusmehaanika : varraskonstruksioonide staatika : õpik kõrgkoolidele

Räämet, Andrus; Räämet, Raimund 2018 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 Ehitusprofessorid: Praeguse tempoga muudame oma hooneid energiatõhusaks sada aastat

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

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

novaator.err.ee 2020 / fot [Ehitusteadlased selgitavad, miks on talvel siseruumides liiga kuiv õhk](http://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

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

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](https://www.ester.ee/record=b1072123*est)

Eksperdid: keskkonnasäästlik ehitamine tuleb teha inimestele elamisväärses

Kurnitski, Jarek; Lökk, Priidu delfi.ee 2024 [Eksperdid: keskkonnasäästlik ehitamine tuleb teha inimestele elamisväärses](https://www.ester.ee/record=b1072123*est)

Eksperdid: kliimaseaduse väljatöötamine käib kiirrongi kiirusega, aga see ei tohi muuta kinnisvara inimestele kättesaamatult kalliks

Kurnitski, Jarek; Lökk, Priidu postimees.ee 2024 [Eksperdid: kliimaseaduse väljatöötamine käib kiirrongi kiirusega, aga see ei tohi muuta kinnisvara inimestele kättesaamatult kalliks](https://www.ester.ee/record=b1072123*est)

Eksperdid: korralikult renoveerides püsivad magalarajoonide hooned veel 100 aastat

Sildvee, Reimo err.ee 2023 [Eksperdid: korralikult renoveerides püsivad magalarajoonide hooned veel 100 aastat](https://www.ester.ee/record=b1072123*est)

Eksperdid: Kuressaares tuleb ilmselt paar nädalat vett keeta, vanni minna ei soovita

maaleht.delfi.ee 2023 [Eksperdid: Kuressaares tuleb ilmselt paar nädalat vett keeta, vanni minna ei soovita](https://www.ester.ee/record=b1072123*est)

Eksperdid: naastrehvid muutuvad tasapisi keskkonnasõbralikumaks

novaator.err.ee 2024 [Eksperdid: naastrehvid muutuvad tasapisi keskkonnasõbralikumaks](https://www.ester.ee/record=b1072123*est)

Eksperitarvamus Paide vanalinna muinsuskaitseala territooriumil asuvate nõukogude perioodil ehitatud hoonete kohta

2021 https://www.muinsuskaitseamet.ee/sites/default/files/paide_eksperitarvamus_epi_tohvri.pdf

Eksperdid: memo valitsusele: tähelepanekud Estoniast tehtud videost [Võrguväljaanne]

Tabri, Kristjan err.ee 2020 / fot [Eksperdid: memo valitsusele: tähelepanekud Estoniast tehtud videost](https://www.ester.ee/record=b1072123*est)

Elamuehituses tuleb üha enam arvestada kuumade suvedega

novaator.err.ee 2023 [Elamuehituses tuleb üha enam arvestada kuumade suvedega](https://www.ester.ee/record=b1072123*est)

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

Elegantne ventilatsioonilahendus inseneride ja arhitektide koostööna

Leet, Lauri Ehitaja 2017 / lk. 36-37 : fot https://artiklid.elnet.ee/record=b2819288*est

Elementrenoveerimine kui paneelilammutuse rätsepaülikond = Элементарная реновация как костюм для панельного дома

Trell, Kristel Elamu 2020 / lk. 11-14, 33-35 : fot https://www.ester.ee/record=b1072123*est

Elu naiste võimu all

Piirimäe, Kristjan Maaleht 2020 / Lk. 12 : portr https://www.ester.ee/record=b1072541*est <https://maaleht.delfi.ee/arvamus/kristjan-piirimae-imikute-hulgamise-vastu-voib-aidata-see-kui-emasid-ei-jaeta-ukse?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://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

Emerging renovation strategies and technical solutions for mass-construction of residential districts built after World War II in Europe

Lihtmaa, Lauri; **Kalamees, Targo** Energy strategy reviews 2024 / art. 101282 <https://doi.org/10.1016/j.esr.2023.101282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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.**; **Cerkauskienė, R.**; **Ubarte, Ieva**; **Raslanas, S.**; **Radville, E.**; **Kaklauskaitė, Ulijona**; **Kaklauskienė, 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**; **Müürsepp, Ivo** IEEE Access 2024 / p. 187290-187301 <https://doi.org/10.1109/ACCESS.2024.3478733> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Energia tootv teekate ei ole enam utoopia

Kendra, Ain Transport ja Teed 2017 / lk. 16-18 : ill http://www.ester.ee/record=b1073099*est https://artiklid.elnet.ee/record=b2818050*est

Energiaühendus - paradigma muutus ehituses

Kurnitski, Jarek Horisont 2019 / lk. 20-26 : fot 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

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

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; Trikkel, 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.jobbe.2024.111411> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Enn Mellikov (1.04.1945-23.07.2018) : Tarmo Soomere järelehüüe 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

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, 12 p. : ill
<https://doi.org/10.1016/j.marpolbul.2024.117105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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
[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

Eriolukord pani proovile õppejõudude leidlikkuse

Stubender-Lõugas, Kreet Teeleht 2020 / lk. 16-17 . ill 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

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

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, Hatem; 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 juurdeehituse suur mõju Tallinna vanalinnale: kas Päike siiski tiirleb ümber Maa?

Kuusemets, Jaan kultuur.err.ee 2025 <https://kultuur.err.ee/1609684412/estonia-juurdeehituse-suur-moju-tallinna-vanalinnale-kas-paike-siiski-tiirleb-umber-maa>

"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

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

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 [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, Hanno; Kurnitski, Jarek; Grossberg-Kuusk, Maarja Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 55-57 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, Efsthios 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 Amsterdamis

Kollo, Karin; Ellmann, Artu Geodeet 2018 / lk. 61 : fot 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

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

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

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

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

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

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

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

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

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

Euroopa maastikukonventsioonist

Sinijärv, Urve; Konsa, Silja; Levald, Andres; Valk-Siska, Veronika; Grišakov, Kristi; Tintera, Jiri; Kupper, Kristiina; Nutt, Nele 2019 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

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 [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 moisture safety strategies in CLT buildings – predictions vs actual outcomes

Kalbe, Kristo; Kalamees, Targo Case studies in construction materials 2025 / art. e04958, 17 p. : ill
<https://doi.org/10.1016/j.cscm.2025.e04958>

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

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](#)

Evaluating the Power Mismatch Dynamics of Deeply Renovated Apartment Buildings with On-site PV Panels in Estonia
Olayiwola, Tofopefun Nifise; Thalfeldt, Martin; Kuusk, Kalle; Blinov, Andrei Clima 2025 : 15th REHVA HVAC World Congress 2025

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

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

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; Iital, 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, Kādi-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-SI113-105.1>

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 retracers and hydrodynamic models sing 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 ESRIN, 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; Latõšov, 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

Kleinhenz, 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, 8 p. : ill
<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; **Ratassepp, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental dataset on aluminium wedge slamming: Measurements of acceleration, pressure, strain, and video data

Hosseinzadeh, Saeed; Tabri, Kristjan; Sahk, Tarmo; Teär, Ruttar Data in brief 2024 / art. 110818
<https://doi.org/10.1016/j.dib.2024.110818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, Aleks; **Ferrantelli, Andrea**; Hostikka, Simo Fire safety journal 2024 / art. 104231
<https://doi.org/10.1016/j.firesaf.2024.104231> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 [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 / 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

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

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: Faulty construction led to Kuressaare's 2023 water contamination

err.ee 2025 <https://news.err.ee/1609635455/experts-faulty-construction-led-to-kuressaare-s-2023-water-contamination>

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; Pedro, 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

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

Voranan-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; Idnurm, 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; Nejuri, 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-c4b9-435a-8e42-ad8f45754ec7> 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

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; Öiger, Karl Journal of building engineering 2020 / art. 101752, 9 p. : ill <https://doi.org/10.1016/j.jobe.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“

delfi.ee 2024 [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

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

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

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

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

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

Finnish energy renovation subsidies in multifamily apartment buildings : Lessons learnt and best practices

Hajian, Hatef; Pylsy, Petri; **Simson, Raimo**; Ahmed, Kaiser; Sankelo, Paula; **Mikola, Alo**; **Kurnitski, Jarek** Energy and buildings 2024 / art. 113986 <https://doi.org/10.1016/j.enbuild.2024.113986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Kleinherz, 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

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

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

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> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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/1sTPCrwLPmq-2C0-NX8siSfWp9WLd54A/view>

Fluid-structure interaction analysis of impact-induced loads and hydroelastic responses of ship structures = Vedeliku ja konstruktsiooni vastasmõju analüüs löökkoomuste 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-bc05-6d6042ed643b> 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

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

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

Foreword

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 5-7

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

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>

Fosforiärastus

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

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

Friends or enemies? Unraveling niche-regime interactions in grassroots digital innovations

Gerli, Paolo; **Mora, Luca**; Zhang, Jun; Sancino, Alessandro Technological forecasting and social change 2024 / art. 123342, 14 p. : ill
<https://doi.org/10.1016/j.techfore.2024.123342> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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; Ågren, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 Qivitoq; 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

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://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

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

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

General Assembly on 19 April 2017 : opning 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

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

Geodesic equations for guided wave helical path separation for a pipe bend

Rasgado Moreno, Carlos Omar; Ratssepp, Madis Mechanical systems and signal processing 2023 / art. 110820

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 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

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; Agren, 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

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 (LPS22) 2022 / 1 p <https://www.lps22.eu/>

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

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

Tohvre, Epi 2019 https://www.ester.ee/record=b5249288*est

Geotehniliste eritööde tegemine : sulundseinad, kombi-sulundseinad, suure jäikusega seinad = Execution of special geotechnical work : sheet pile walls, combined pile walls, high modulus walls

2024 https://www.ester.ee/record=b5713882*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_LL0y5mfYDT9IGgmlsW5FFWj4f/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

GNSS - globaalne satelliitnavigatsioonisüsteem geodeetilise täpsusega asukohamääranguks : praktilised ülesanded
Ellmann, Artu; Kall, Tarmo; Kollo, Karin; Liibusk, Aive 2022 <http://hdl.handle.net/10492/7805> https://www.ester.ee/record=b5524660*est

GNSS - globaalne satelliitnavigatsioonisüsteem geodeetilise täpsusega asukohamääranguks : õpik kõrgkoolidele
Ellmann, Artu; Kall, Tarmo; Kollo, Karin; Liibusk, Aive 2022 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 <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

Kalamees, Targo Journal of Sustainable Architecture and Civil Engineering 2024 / p. 5-7 <https://doi.org/10.5755/j01.sace.34.1.36400>
[Journal metrics at Scopus](#) [Article at Scopus](#)

Guest Editor Preface

Kalamees, Targo Journal of Sustainable Architecture and Civil Engineering 2024 / p. 5-7 <https://doi.org/10.5755/j01.sace.35.2.37676>
[Journal metrics at Scopus](#) [Article at Scopus](#)

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/IJDRBE-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 [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

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

Hea ventilatsioon teeb õpilased targemaks

Thalfeldt, Martin Õhtuleht 2022 / Lk. 22 <https://dea.digar.ee/article/oh tuleht/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; Öiger, 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, Hatf; 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 mürajälg meredes aina suureneb

Mustonen, Mirko; Klauson, Aleksander Horisont 2023 / lk. 8-13 : ill https://www.ester.ee/record=b1072243*est

Helical reinforcement in 3D printed concrete : development and characterization of a novel reinforcement technique = Heeliksarmatuur 3D-prinditud betoonis : uudse armeerimistehnika väljatöötamine ja iseloomustamine

Hass, Lauri 2025 https://www.ester.ee/record=b5729299*est <https://digikogu.taltech.ee/et/Item/8dbb1c2d-6025-4491-a2ce-60867c902d90> <https://doi.org/10.23658/taltech.1/2025>

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

Hooldus [Võrguteavik] : hoolduse võtmenäitajad = Maintenance : maintenance Key Performance Indicators

2019 https://www.ester.ee/record=b5272814*est

Hoone kanalisatsioon [Võrguteavik] = Draining system inside buildings

2019 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

Hoone piirdetarindi soojusjuhtivuse arvutusjuhend. Osa 1, Välisõhuga kontaktis olev läbipaistmatu piire = Guidance for calculation of thermal transmittance of building envelope. Part 1, Opaque building envelope in contact with outdoor-air

2025 https://www.ester.ee/record=b5733425*est

Hoonete energiatarve ja sisekliima

Abel, Enno; Voll, Hendrik; Tark, Teet; Pikk, Priit; Daniel, Raul 2022 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

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

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

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

Hoonete energiatõhususe direktiiv jõustub peagi

Kurnitski, Jarek EhitusEST 2024 / lk. 18-19 : fot 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://ehitusest.ee/uudis/2022/02/01/hoonete-energiatohususe-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

Hoonete rekonstrueerimise pikaajaline strateegia

2020 <https://www.mkm.ee/media/155/download>

Hoonete ventilatsioon [Võrguteavik] : ventilatsiooni keskseadmed. Keskseadmete komponentide ja sektsioonide 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

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

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 / 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 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; Haghighi, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 [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 riskihtiimpuidust 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

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

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

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 suurpaneelidelamute tervikrenoveerimisel
Pihelo, Peep 2020 <https://digikogu.taltech.ee/et/Item/d748fbdf-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
<https://doi.org/10.3390/buildings13061572> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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 majaelanikel soojaks kütta
Hallik, Liina ohtuleht.ee 2024 [Igatalvine mure : naabri külm korter tuleb teistel majaelanikel 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>

Ilmanvaihdon 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

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, Taaniel; 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](#)

The impact of parallel energy consumption on the district heating networks

Latšov, Eduard; Siirde, Andres; Volkova, Anna; Thalfeldt, Martin; Kurnitski, Jarek Environmental and Climate Technologies 2019 / 13 p. : ill <https://doi.org/10.2478/rtuct-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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

In memoriam Juhani Antero Kakkuri

Vallner, Raivo; Rüdja, Andres; **Ellmann, Artu** Geodeet 2022 / lk. 80-81 : portr http://www.estee.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

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

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

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](#)

The influence of fibre orientation in self-compacting concrete on 4-point bending strength

Herrmann, Heiko; **Goidyk, Oksana**; **Naar, Hendrik**; **Tuisk, Tanel**; **Braunbrück, Andres** Proceedings of the Estonian Academy of

Sciences 2019 / p. 337-346 : ill http://www.kirj.ee/32397/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.3.12> [Journal metrics at](#)

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

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

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

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

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

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 läbiv 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

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 Article collection metrics at Scopus Article at Scopus

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

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

Zavaskas, Edmundas Kazimieras; Kaklauskas, Arturas; Bausys, Romualdas; Naumcik, Andrej; **Ubarte, 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 The 3rd International Joint Conference on Water Distribution Systems Analysis & Computing and Control for the Water Industry (WDSA/CCWI 2024) 2024 / art. 31 <https://doi.org/10.3390/engproc2024069031> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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

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 WCMC 2021 Wireless Sensors & IoT: 2021 International Wireless Communications and Mobile Computing (WCMC), 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

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

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 2025 / p. 417-434
<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/S2516-285320190000002020>

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 Lill on TalTech ehituse ja arhitektuuri instituudi uus juht

Ehitaja 2025 / lk. 12 : fot https://www.ester.ee/record=b1072123*est

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/1sTPCrwLPmq-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://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

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

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: andmepõhine maailm vajab insenere rohkem kui kunagi varem

Annus, Ivar delfi.ee 2025 <https://arileht.delfi.ee/artikkel/120374512/ivar-annus-andmepohine-maailm-vajab-insenere-rohkem-kui-kunagi-varem>

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 Kuusemets: Tallinna Haigla projekti puhul tuleks võtta õppust Rootsi kogemusest

Kuusemets, Jaan kultuur.err.ee 2025 <https://kultuur.err.ee/1609709892/jaan-kuusemets-tallinna-haigla-projekti-puhul-tuleks-votta-oppust-rootsi-kogemusest>

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 – inseneeria eestkõneleja ja akadeemilise vabaduse kaitsja

Kurnitski, Jarek delfi.ee 2025 <https://arileht.delfi.ee/artikkel/120370830/jarek-kurnitski-inseneeria-eestkoneleja-ja-akadeemilise-vabaduse-kaitsja>

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

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.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

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 koroonavastase leviku tõkestamisel võtmetegur

Kurnitski, Jarek Ehitaja 2020 / lk. 40-41 : fot 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

Joonelis-nurgalise vastulõike täpsusest

Kala, Vello; Ustinova, Nelli Geodeet 2019 / lk. 39-43 : ill 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

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

Julkisten uudisrakennusten sisäilmaongelmat sekä ilmanvaihdon ja puumateriaalien vaikutukset sisäilman laatuun - Työsuojelurahaston hanke 115376

Voronen-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

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](#) [Kadri-Ann Kertsmit: keskkonnasäästlik ehitus pole üksnes süsinikujalajälje hindamine](#)

Kadunud põlvkonna kuld

Soomere, Tarmo Postimees 2018 / lk. 16 [Tarmo Soomere: kadunud põlvkonna 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.ra.ee/teadus-ja-publikatsioonid/ajalookirjanduse-aastapreemia/>

Kahekordse puitmaja süütamiskatse aitab eelarvamusi hajutada

Ehitaja 2017 / lk. 44-45 : fot http://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2829425*est

Kahjuks ei soovi inimene saada heaks jumalaks

Piirimäe, Kristjan Maaleht 2019 / lk. 14

Kaks väikest detaili, mis aitavad vannitoas niiskuskahjustuste riski vähendada

Martin, Anni delfi.ee 2025 <https://moodnekodu.delfi.ee/artikkel/120359490/renoveerimisvead-kaks-vaikest-detaili-mis-aitavad-vannitoas-niiskuskahjustuste-riski-vahendada>

Kallim, aga energiatõhusam maja aastast 2021

Luht, Elen; Kurnitski, Jarek Postimees 2017 / Kodu, lk. 2-3

Kandevõime. Mida me mõeldame?

Eichfuss, Riho Teeleht 2019 / lk. 49-51 : fot 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 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

Karl Õiger: väljapaistvaid ehitisi on meil vähe

Õiger, Karl Ehitaja 2023 / lk. 22-25 : fot https://www.ester.ee/record=b1072123*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

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://ajakirimaja.ee/>

Kas moodsad pöörded keeravad ehitussektori argielu pea peale?

Talve, Tanel arileht.delfi.ee 2023 [Kas moodsad pöörded keeravad ehitussektori argielu pea peale?](#)

Kas puitarhitektuur on tõepoolest betoonist süsinikneutraalsem?

delfi.ee 2024 [Kas puitarhitektuur on tõepoolest betoonist süsinikneutraalsem?](#)

Kas Rail Baltica takistab 2+2 maantee de valmimist?

Remmelg, Teeli Ehitaja 2021 / lk. 14-16 : fot 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.“](#)

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://ajakirimaja.ee/>

Katuse niiskus- ja soojustoimivus

Kalamees, Targo Pööning : ajalooga majad, aiad ja disainiklassika 2020 / lk. 86-90 : ill 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

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

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

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 ihaldusväärased tiitlid

postimees.ee 2024 [Kes krooniti tänavuseks Eesti iluduskuningannaks? Tallinnas jagati välja ihaldusväärased tiitlid](#)

Kes on kes BIM-valdkonnas?

Kalamees, Targo Ehitaja 2018 / lk. 32-34 : fot http://www.ester.ee/record=b1072123*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://artiklid.elnet.ee/record=b2827001*est

Keskkonnakaitse ülesanded

2020 https://www.ester.ee/record=b5305082*est

Keskkonnakaitse ülesanded

2018 https://www.ester.ee/record=b4772117*est

Kevadine tänavatolm tuleb peamiselt naastrehvidest

novaator.err.ee 2025 <https://novaator.err.ee/1609635197/kevadine-tanavatolm-tuleb-peamiselt-naastrehvidest>

Kihnu suundunud parvlaev Amalie vajus kreeni ja jäi keset tormi merehätta

Pihlak, Aleksander delfi.ee 2023 / Lk. 4 [Kihnu suundunud parvlaev Amalie vajus kreeni ja jäi keset tormi 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

Kinnisvarakeskkonna korraldus : sõnavara = Facility management : vocabulary (ISO 41011:2017)

2022 https://www.ester.ee/record=b5507301*est

Kinnisvarakeskkonna korraldus : sõnavara = Facility management : vocabulary (ISO 41011:2024)

2024 https://www.ester.ee/record=b5708084*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

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://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://artiklid.elnet.ee/record=b2820641*est

Kliimaeesmärgid esitavad korteriühistutele tõsise väljakutse

Remmelg, Teeli kinnisvarauudised.ee 2024 [Kliimaeesmärgid esitavad korteriühistutele tõsise väljakutse](#)

Kliimakindlus kortermaja renoveerimisel = Климатическая устойчивость при реновации многоквартирных домов

Martin, Anni; Truu, Murel Elamu 2025 / lk. 12-13 : fot ; c. 34-35 https://www.ester.ee/record=b1072137*est

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

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 hetkeseisu 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

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

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
<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://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

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 euoliidu nõuet täita?](#)

Kontroll karmistub: vale energiamärgise kinnitanud spetsialist võetakse pihitide vahele

Remmelg, Teeli ehitusuudised.ee 2023 <https://www.ehitusuudised.ee/uudised/2023/04/04/kontroll-karmistub-vale-energiamaargise-kinnitanud-spetsialist-voetakse-pihitide-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

Lihtmaa, Lauri; Truu, Murel Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2023 / lk. 60-67
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

Koroona tõi ventilatsiooni paradigma muutuse

Kurnitski, Jarek Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 11-12 : ill https://www.ester.ee/record=b5054043*est

Koroona tõi ventilatsiooni paradigma muutuse

Kurnitski, Jarek Postimees 2023 / Lk. 6 https://dea.digar.ee/article/postimees/2023/01/14/13.4_Koroona_toi_ventilatsiooni_paradigma_muutuse

Koroonaviiruse leviku tõkestamine töökohtadel - tehnosüsteemid

Kurnitski, Jarek Ehitaja 2020 / lk. 42 : ill 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

Korrosioonikaitse ehituses

Raado, Lembi-Merike 2022 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?](#)

Korteriühistud saavad Euroopast 300-miljonilise abikäe

Puhm, Carl-Robert postimees.ee 2023 [Korteriühistud saavad Euroopast 300-miljonilise abikäe](#)

Korteriühistute suurfoorumil on luubi all kaks praeguse aja võtmeteemat

Kostap, Kristina postimees.ee 2023 [Korteriühistute suurfoorumil on luubi all kaks praeguse aja võtmeteemat](#)

Kortermajade renoveerimine läheb visalt: mõnel pool on organiseeritud vastupanuliikumine

Leet, Lauri kinnisvarauudised.ee 2023 [Kortermajade renoveerimine läheb visalt: mõnel pool on organiseeritud vastupanuliikumine](#)

Kosmoseriik Eesti

Pilvinski, Katre Teeleht 2018 / lk. 11-13 : fot http://www.ester.ee/record=b1073043*est
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](#)

KredExi tehaselise rekonstrueerimise pilootprojekti läbinud korteriühistu kogemused : põhjalik analüüs = Опыт

товариществ, прошедших пилотный проект реновации KredEx элементами изготовленных масштабах : анализ

Parik, Hanna-Britta; Liias, Roode; Pikas, Ergo Elamu 2025 / lk. 8-11 : fot ; c. 30-33 : фот https://www.ester.ee/record=b1072137*est

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