

### **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](#)

### **CFD, ehk mis see on ja kellel seda vaja?**

**Lakatoš, Mikloš; Vatsfeld, Villu** Paat & Merendus 2023 / lk. 74-75 : ill [http://www.estee.ee/record=b4471304\\*est](http://www.estee.ee/record=b4471304*est)

### **Characterization of the applied materials for floating offshore wind turbine members: A review on the current state**

**Wijaya, Muhammad Rizky Arga; Adiputra, Ristiyanto; Aditya Rio, Prabowo; Putranto, Teguh; Smaradhana, Dharu Feby** Procedia Structural Integrity, vol 37 2023 / p. 41-49 : ill <https://doi.org/10.1016/j.prostr.2023.07.108> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **A comprehensive approach to scenario-based risk management for Arctic waters**

**Bergström, Martin; Browne, Thomas; Ehlers, Sören; Helle, Inari; Herrnring, Hauke; Khan, Faisal; Kubiczek, Jan; Kujala, Pentti; Kõrgesaar, Mihkel; Leira, Bernt Johan; Parviainen, Tuuli; Polojärvi, Arttu; Suominen, Mikko; Taylor, Rocky; Tuhkuri, Jukka;**

**Vanhatalo, Jarno; Veitch, Brian** Ship Technology Research 2022 / p. 129-157 <https://doi.org/10.1080/09377255.2022.2049967> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Conceptual design and performance evaluation of COVID-19 vessel for public health service in Indonesia's remote island**

**Tuswan, Tuswan; Misbahudin, Saefulloh; Widiyanto, Adi; Satriananta, Mahendra Guna; Dwinata, Rayhan Satria; Ismail, Abdi; Hakim, Muhammad Luqman; Rindo, Good; Prabowo, Aditya Rio; Putranto, Teguh** AIP Conference Proceedings 2023 / art. 030033

<https://doi.org/10.1063/5.0115436> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Equivalent single layer approach for ultimate strength assessment of ship structures = Ekvivalentne koorikelement laeva konstruktsioonide piirtugevuse hindamiseks**

**Putranto, Teguh** 2023 <https://doi.org/10.23658/taltech.5/2023> <https://digikogu.taltech.ee/et/Item/69201156-a60b-46da-a589-5c106c424eec>

### **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 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](#)

### **Exploring “elsewhereand” — places desired, remembered and dwelled : place experience of vacationers on Saaremaa island, Estonia**

**Raadik Cottrell, Jana; Cottrell, Stuart** Shima 2022 / p. 265-288 <https://doi.org/10.21463/shima.170> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fracture estimation based on deformation history with recurrent neural networks**

**Yatkin, Muhammed Adil; Kõrgesaar, Mihkel** 2023 International Conference on Machine Learning and Applications (ICMLA) : proceedings 2023 / p. 1025-1030 <https://doi.org/10.1109/ICMLA58977.2023.00152>

### **How to improve full-scale self-propulsion simulations? A case study on a semi-displacement hull**

**Niazmand Bilandi, Rasul; Mancini, Simone; Dashtimanesh, Abbas; Lakatoš, Mikloš** HSMV 2023 : Proceedings of the 13th Symposium on High Speed Marine Vehicles 2023 / p. 265-274 <https://doi.org/10.3233/PMST230034> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Hyperspectral imaging for vehicle traction effort prediction: ISEAUTO case study**

**Valme, Daniil; Rassõlkin, Anton; Liyanage, Dhanushka Chamara** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227463>

### **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>

### **Investigation of environmental factors on the resistance characteristic : study case of the designed patrol boat hull**

**Yusfianda, Ahmad Ramadhan; Prabowo, Aditya Rio; Do, Quang Thang; Adiputra, Ristiyanto; Putranto, Teguh; Bae, Dong-myung** IOP Conference Series: Earth and Environmental Science ; 1278, 1 2023 / art. 012013 <https://doi.org/10.1088/1755-1315/1278/1/012013> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Island community: Identity formulation via acceptance through the environment in Saaremaa, Estonia**

**Raadik Cottrell, Jana** Island studies journal 2024 / p. 169-186 : ill <https://doi.org/10.24043/isj.11> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**ISSC 2025 Committee III.1 - Compressive test of a transversely stiffened thin-plated structure with expected early nonlinear response prior to the ultimate capacity: preliminary comparison of the numerical results**

Gaiotti, M.; Barsotti, B.; Brubak, L.; Chen, B. Q.; Darie, I.; Georgiadis, D.; Ishibashi, K.; **Kõrgesaar, Mihkel**; Lv, Y.; Nahshon, K.; Paredes, M.; Ringsberg, J. Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; Vol. 2: Structures, Safety, and Reliability 2024 / art. OMAE2024-126382, V002T02A087 ; 8 p. <https://doi.org/10.1115/OMAE2024-126382> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Kas biomajandus saab sinine olla?**

Kindsigo, Merit digi.geenius.ee 2023 [Kas biomajandus saab sinine olla?](#)

**Kas biomajandus saab sinine olla?**

Kindsigo, Merit Mente et Manu 2023 / lk. 54-55 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Korgijoogi ohvriks võib sattuda väga kergesti**

Kuusk, Taavi saarteaal.postimees.ee 2023 [Korgijoogi ohvriks võib sattuda väga kergesti](#)

**Kui oskad ehitada laevu, siis oskad ehitada kõike**

Metsmaa, Monika saarteaal.postimees.ee 2024 [Kui oskad ehitada laevu, siis oskad ehitada kõike](#)

**Kui prindiks äkki... uue maja?!**

Veldre, Tõnu saarteaal.postimees.ee 2024 [Kui prindiks äkki... uue maja?!](#)

**Kuresaare Kolledžis on basseini, kus saab katsetada kuni 24 meetri pikkuseid laevakeresid**

Kask, Hanno Paat & Merendus 2023 / lk. 70-71 : fot [http://www.ester.ee/record=b4471304\\*est](http://www.ester.ee/record=b4471304*est)

**Kuressaare kolledž : bakalaureuse- ja rakenduskõrghariduse õppekavad**  
2024

**Kuressaare kolledž : bakalaureuse- ja rakenduskõrghariduse õppekavad**  
2025

**Kuressaare kolledž osaleb tänavu Teadlaste Öö festivalil**

Kesküla, Marili saarteaal.postimees.ee 2023 [Kuressaare kolledž osaleb tänavu Teadlaste Öö festivalil](#)

**Level ice-structure interaction simulations using solid and shell elements**

**Kõrgesaar, Mihkel; Tabri, Kristjan**; Avi, Eero Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; Vol. 6 2024 / art. v006t07a008 <https://doi.org/10.1115/OMAE2024-128141> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Machine learning enabled identification of sheet metal localization**

**Yatkin, Muhammed Adil; Kõrgesaar, Mihkel** International journal of solids and structures 2024 / art. 112592 <https://doi.org/10.1016/j.ijsolstr.2023.112592> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Merit Kindsigo ja Inga Zaitseva-Pärnaste: merepõhjast valgusesse**

Kindsigo, Merit; Zaitseva-Pärnaste, Inga err.ee 2025 <https://www.err.ee/1609636037/merit-kindsigo-ja-inga-zaitseva-parnaste-merepohjast-valgusesse>

**Mida parem mereanalüüs, seda parem mereringe**

Rammus, Kristin Trialoog 2025 [Mida parem mereanalüüs, seda parem mereringe](#)

**Neli Eesti meest asuvad sõudepaadis ookeani ületama**

Muld, Margus err.ee 2025 <https://www.err.ee/1609764582/neli-eesti-meest-asuvad-soudepaadis-ookeani-uletama>

**Novel band-subtraction technique to differentiate screws for microwave cavity filter tuning**

**Sekhri, Even; Tamre, Mart**; Kapoor, Rajiv; **Liyanage, Dhanushka Chamara** 2023 3rd International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME) 2023 / 6 p <https://doi.org/10.1109/ICECCME57830.2023.10253048>

**Numerical assessment of novel ice breaking technology**

**Tabri, Kristjan; Saar, Kalju**; Aanensen, Marie; Andersen, Steinar Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2023 ; vol. 6 2023 / art. V006T07A027 ; 9 p. : ill <https://doi.org/10.1115/OMAE2023-104670> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### Nüüdistootmine : kõrgkooliõpik

**Hermaste, Aigar; Karjust, Kristo;** Kioline, Indrek; **Küttner, Rein; Lavin, Jaak;** Lõun, Kaia; Mooste, Tarmo; Naams, Invar; **Otto, Tauno; Pohlak, Meelis; Riives, Jüri;** Sarkons, Martinš; Talkop, Adolf; **Tähemaa, Toivo** 2023

<https://digikogu.taltech.ee/et/Item/2ec35c39-f345-4ae8-9fb6-395e039cd43a> [https://www.ester.ee/record=b5537809\\*est](https://www.ester.ee/record=b5537809*est)

### Paavo Kuuseok pälvis Fidelis Professori hõbemärgise

Kesküla, Marili postimees.ee 2024 [Paavo Kuuseok pälvis Fidelis Professori hõbemärgise](#)

### Perceptions of bark beetle landscape disturbance effects on natural resources and drinking water : assessing communication and knowledge exchange in the Rocky Mountain region, USA

Cottrell, Stuart; Mattor, Katherine; **Raadik Cottrell, Jana** Open journal of ecology 2024 / p. 77-100

<https://doi.org/10.4236/oje.2024.141005>

### Probabilistic analysis of operational ice damage for Polar class vessels using full-scale data

Suominen, Mikko; **Kõrgesaar, Mihkel;** Taylor, Rocky; Bergstrom, Martin Structural safety 2024 / art. 102423

<https://doi.org/10.1016/j.strusafe.2023.102423> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Road condition estimation using deep learning with hyperspectral images : detection of water and snow

**Valme, Daniil; Galindos, Javier; Chamara Liyanage, Dhanushka; Chamara Liyanage, Dhanushka** Proceedings of the

Estonian Academy of Sciences 2024 / p. 77-91 <https://doi.org/10.3176/proc.2024.1.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Role of youth adventure programs for shaping pro-environmental behaviour for marine conservation

Cottrell, Stuart; McCabe, Cavan; **Raadik Cottrell, Jana;** Johnson, Michael Being-with and being well in nature : our tentacular

adventures: book of abstracts 2023 / p. 37 <https://www.adventure-campus.com/wp-content/uploads/2023/06/IAC2023-Book-of-Abstracts.pdf>

### Räimest vetikani: milline on Eesti meretoidu tulevik?

postimees.ee 2025 <https://maaelu.postimees.ee/8325769/raimest-vetikani-milline-on-est-meretoidu-tulevik>

### Saarlased soomlaste, eestlaste ja kasahhide järel neljandad

Mesila, Evelin saartehaal.postimees.ee 2024 [Saarlased soomlaste, eestlaste ja kasahhide järel neljandad](#)

### Scenario-Based Risk Management for Arctic Waters

Bergström, Martin; Browne, Thomas; Ehlers, Sören; Helle, Inari; Hermring, Hauke; Khan, Faisal; Kubiczek, Jan; Kujala, Pentti;

**Kõrgesaar, Mihkel;** Leira, Bert Johan; Parviainen, Tuuli; Polojärvi, Arttu; Suominen, Mikko; Taylor, Rocky; Tuhkuri, Jukka;

Vanhatalo, Jarno; Veitch, Brian Proceedings of the ASME 2022 41st International Conference on Ocean, Offshore and Arctic

Engineering. Volume 6: Polar and Arctic Sciences and Technology 2022 / p. V006T07A004-01-V006T07A004-13

<https://doi.org/10.1115/OMAE2022-80767> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### Seeking confort in boglands

**Raadik Cottrell, Jana; Toomingas, Kaie** Shaping mobile futures : challenges and possibilities in precarious times : book of

abstracts 2021 / p. 97 <https://www.rmfi.is/en/reports/index/skysrur-reports/shaping-mobile-futures-challenges-and-possibilities-in-precarious-times-book-of-abstracts>

### Sinimajandus - merest uue pilguga!

Teär, Age Paat & Merendus 2024 / lk. 60-61 : fot [https://www.ester.ee/record=b4471304\\*est](https://www.ester.ee/record=b4471304*est)

### Slamming loads and responses on a non-prismatic stiffened aluminium wedge : Part II. Numerical simulations

**Hosseinzadeh, Saeed; Tabri, Kristjan;** Topa, Ameen; Hirdaris, Spyros Ocean engineering 2023 / art. 114309, 20 p. : ill

<https://doi.org/10.1016/j.oceaneng.2023.114309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Slamming loads and responses on a non-prismatic stiffened aluminium wedge: Part I. Experimental study

**Hosseinzadeh, Saeed; Tabri, Kristjan;** Hirdaris, Spyros; Sahk, Tarmo Ocean engineering 2023 / art. 114510, 19 p. : ill

<https://doi.org/10.1016/j.oceaneng.2023.114510> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Tallinna Tehnikaülikooli Kuressaare Kolledžis saab skaneerida paadid 3D-mudelina arvutisse

**Koppel, Kaarel** Paat & Merendus 2023 / lk. 68-69 : fot [http://www.ester.ee/record=b4471304\\*est](http://www.ester.ee/record=b4471304*est)

### Tarkus merest, mere tagant: innovaatiiline, jätkusuutlik ja keskkonnaga arvestav meretehnika õppekava

**Tabri, Liina; Afanasjev, Mihhail** delfi.ee 2024 [Tarkus merest, mere tagant: innovaatiiline, jätkusuutlik ja keskkonnaga arvestav meretehnika õppekava](#)

### The effect of spray rails, chine strips and V-shaped spray interceptors on the performance of low planing high-speed craft in calm water

**Lakatoš, Mikloš; Sahk, Tarmo;** Andreasson, Henrik; **Tabri, Kristjan** Applied Ocean Research 2022 / art. 103131

<https://doi.org/10.1016/j.apor.2022.103131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**TTÜ mereteadlane: kogu jama, mis Läänemeres on, on inimese põhjustatud**

delfi.ee 2023 [TTÜ mereteadlane: kogu jama, mis Läänemeres on, on inimese põhjustatud](#)

**Uus hingamine Kuressaare kolledžis**

**Kindsigo, Merit** Mente et Manu 2022 / lk. 50-51 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Veerand tudengitest lõpetas kolledži cum laude**

Metsmaa, Monika Saarte Hää! 2023 / Lk. 4 [Veerand tudengitest lõpetas kolledži cum laude](#)

**Veerandsaja-aastane kolledž lasi külalistel klotse uputada ja soolakristalle tuvastada**

Metsmaa, Monika saartehaal.postimees.ee 2024 [Veerandsaja-aastane kolledž lasi külalistel klotse uputada ja soolakristalle tuvastada](#)

**Väikelaevad : pilsu pumbasüsteemid = Small craft : bilge-pumping systems (ISO 15083:2020+ISO 15083:2020/Amd 1:2022)**

2023 [https://www.ester.ee/record=b5639266\\*est](https://www.ester.ee/record=b5639266*est)

**Väikelaevad : pilsu pumbasüsteemid. Muudatus 1 = Small craft : bilge-pumping systems. Amendment 1 (ISO 15083:2020/Amd 1:2022)**

2023 [https://www.ester.ee/record=b5569825\\*est](https://www.ester.ee/record=b5569825*est)

**Väikelaevaehituse kompetentsikeskusest sai meretehnoloogia kompetentsikeskus**

Kalmus, Kertu saartehaal.postimees.ee 2023 [Väikelaevaehituse kompetentsikeskusest sai meretehnoloogia kompetentsikeskus](#)