

### **Causes of the extensive hypoxia in the Gulf of Riga in 2018**

**Stoicescu, Stella-Theresa; Laanemets, Jaan; Liblik, Taavi; Skudra, Maris; Samlas, Oliver; Lips, Inga; Lips, Urmas**

Biogeosciences 2022 / p. 2903-2920 <https://doi.org/10.5194/bg-19-2903-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cryptic secondary cementation of Ordovician limestones in the Baltoscandian Basin, northern Europe, revealed through trace-element mapping and U-Pb dating by LA-ICP-MS**

**Hagen-Peter, Graham; Wang, Yue; Hints, Olle; Lepland, Aivo** EGU General Assembly 2021 2021 / art. EGU21-12547

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### **Dynamic modelling of a screw actuator for improved locomotion control on various terrains**

**Remmas, Mohamed Walid; Gkliva, Roza; Ristolainen, Asko** EGU General Assembly 2022 2022 / EGU22-5726

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### **Fourier neural operators for emulating ocean models : Towards a knowledge-driven machine learning**

**Jahanmard, Vahidreza; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** EGU General Assembly 2025 2025 / art. EGU25-

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### **Impact of human activity and fire on vegetation, hydrology, and carbon accumulation in Mustjärve bog, Northwest Estonia (PEATFLAMES)**

**Roberts, Harry; Andrews, Luke; Amon, Leeli; Heinsalu, Atko; Kołaczek, Piotr; Marcisz, Katarzyna; Słowiński, Michał; Stivrīnš, Normunds; Veski, Siim; Lamentowicz, Mariusz** EGU General Assembly 2024 2024 / EGU24-8157 <https://doi.org/10.5194/egusphere-egu24-8157>

### **Insights on the tectonic styles across Estonia using satellite potential fields derived from WGM-2012 gravity data and EMAG2 magnetic data**

**Solano-Acosta, Juan David; Soesoo, Alvar; Hints, Rutt** EGU General Assembly 2022 2022 / EGU22-11398

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### **Integrating satellite altimetry and deep learning for enhanced sea level forecasting**

**Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** EGU General Assembly 2025 2025 / art. EGU25-9951

<https://meetingorganizer.copernicus.org/EGU25/EGU25-9951.html> <https://doi.org/10.5194/egusphere-egu25-9951>

### **Is the Estonian Alutaguse Section of Eastern Fennoscandia a continuation of the Southern Svecofennian Finnish Terranes, or is it akin to the Swedish Bergslagen region?**

**Solano Acosta, Juan David; Soesoo, Alvar; Hints, Rutt; Graul, Sophie Jane Marie-Pascale Huguet** EGU General Assembly 2025 2025 / art. EGU25-7212

[https://www.researchgate.net/publication/391064063\\_Is\\_the\\_Estonian\\_Alutaguse\\_Section\\_of\\_Eastern\\_Fennoscandia\\_a\\_continuation\\_of\\_the\\_Southern\\_Svecofennian\\_Finnish\\_Terranes\\_or\\_is\\_it\\_akin\\_to\\_the\\_Swedish\\_Bergslagen\\_region](https://www.researchgate.net/publication/391064063_Is_the_Estonian_Alutaguse_Section_of_Eastern_Fennoscandia_a_continuation_of_the_Southern_Svecofennian_Finnish_Terranes_or_is_it_akin_to_the_Swedish_Bergslagen_region) <https://doi.org/10.5194/egusphere-egu25-7212>

### **LA-ICP-MS imaging technique application on Estonian sedimentary phosphorites : revealing REE enrichment stages and advanced ore characterisation**

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**Nilsson, Emma C.; Vega, Carmen Paulina; Divine, Dmitry V.; Eichler, Anja; Martma, Tõnu; Mulvaney, Robert; Schlosser, Elisabeth; Schwikowski, Margit; Isaksson, Elisabeth** Ice core science at the three poles (CP/TC inter-journal SI) 2024 / 27 p. : ill

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### **A method for assessment of the general circulation model quality using the K-means clustering algorithm : a case study with GETM v2.5**

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**Bodo, Balazs; Lopes, Luis; Rossi, Claudio; Stasi, Giorgia; Burlet, Christian; Henley, Stephen; Correia, Vitor; Pinkse, Tobias; Kot-Niewiadomska, Alicja; Ristolainen, Asko** EGU General Assembly 2021 2021 / art. EGU21-12115

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### **Seasonal dynamics and regional distribution patterns of CO<sub>2</sub> and CH<sub>4</sub> in the north-eastern Baltic Sea**

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### **Statistics for long wave run-up on a slopping beach : theoretical predictions and experimental data**

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