

**Assimilation of observed sea surface temperature and salinity, using subregional EOF patterns from models**

**Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik** 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12–15 June 2018 Klaipėda, Lithuania 2018 / p. 65 [http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book\\_7th\\_Baltic-Symposium\\_20180528.pdf](http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf)

**Data assimilation of sea surface temperature and salinity using basin-scale reconstruction from empirical orthogonal functions : a feasibility study in the northeastern Baltic Sea**

**Zujev, Mihhail; Elken, Jüri; Lagemaa, Priidik** Ocean science 2021 / p. 91–109 : ill <https://doi.org/10.5194/os-17-91-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Development of data assimilation for numerical forecasts in Estonian marine areas = Eesti merealade prognoosisüsteemi arendamine vaatlusandmete assimileerimise abil**

**Zujev, Mihhail** 2021 [https://www.ester.ee/record=b5436054\\*est](https://www.ester.ee/record=b5436054*est) <https://digikogu.taltech.ee/et/item/51c555c7-9658-4e49-b543-3c77a6c1cf19> <https://doi.org/10.23658/taltech.35/2021>

**Reconstructing sea surface temperature and salinity fields in the northeastern Baltic from observational data, based on sub-regional Empirical Orthogonal Function (EOF) patterns from models**

**Elken, Jüri; Zujev, Mihhail; Lagemaa, Priidik** 2018 IEEE/OES Baltic International Symposium (BALTIC 2018) : Klaipėda, Lithuania 12 - 15 June 2018 2018 / p. 38-45 : ill <https://doi.org/10.1109/BALTIC.2018.8634845>

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**Elken, Jüri; Zujev, Mihhail; Lagemaa, Priidik** 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12–15 June 2018 Klaipėda, Lithuania 2018 / p. 28 [http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book\\_7th\\_Baltic-Symposium\\_20180528.pdf](http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf)

**Reconstruction of large-scale sea surface temperature and salinity fields using sub-regional EOF patterns from models**

**Elken, Jüri; Zujev, Mihhail; She, Jun; Lagemaa, Priidik** Frontiers in earth science 2019 / art. 232, 20 p. : ill <https://doi.org/10.3389/feart.2019.00232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Seasonal features of marine data assimilation using satellite SST products from Copernicus Marine Service**

**Zujev, Mihhail; Elken, Jüri** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 208 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**Testing marine data assimilation in the northeastern Baltic using satellite SST products from the Copernicus Marine Environment Monitoring Service**

**Zujev, Mihhail; Elken, Jüri** Proceedings of the Estonian Academy of Sciences 2018 / p. 217-230 : ill <https://doi.org/10.3176/proc.2018.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Using model-based sub-regional EOF patterns to reconstruct temperature and salinity fields from observations [Online resource]**

**Elken, Jüri; Zujev, Mihhail** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 18-19 : ill [https://www.baltic-earth.eu/publications/IBESPublications/No\\_13\\_Helsingor\\_Proceedings/2ndBalticEarthConferenceProceedings\\_IBESP\\_No13\\_web.pdf](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)