

Automated environmental compliance monitoring of rivers with IoT and open government data

Miasayedava, Lizaveta; McBride, Keegan David Braun; Tuhtan, Jeffrey Andrew Journal of environmental management 2022 / art. 114283, 10 p. : ill <https://doi.org/10.1016/j.jenvman.2021.114283> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lightweight assimilation of open urban ambient air quality monitoring data and numerical simulations with unknown uncertainty

Miasayedava, Lizaveta; Kaugerand, Jaanus; Tuhtan, Jeffrey Andrew Environmental modeling & assessment 2023 / p. 961–975 <https://doi.org/10.1007/s10666-023-09909-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lightweight open data assimilation of Pan-European urban air quality

Miasayedava, Lizaveta; Kaugerand, Jaanus; Tuhtan, Jeffrey Andrew IEEE access 2023 / p. 84670–84688 : ill., map <https://doi.org/10.1109/ACCESS.2023.3302348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Open environmental data assimilation under unknown uncertainty and multiple spatio-temporal scales [Electronic resource] = Keskkonna avaandmete assimilatsioon tundmatu määramatuse ning erinevate aeg-ruumi skaalade korral

Miasayedava, Lizaveta 2024 https://www.ester.ee/record=b5673370*est <https://digikogu.taltech.ee/et/Item/9084dbfd-dadb-4f0c-b146-781bc6a5c487> <https://doi.org/10.23658/taltech.13/2024>

Smart fish counter for monitoring species, size, migration behaviour and environmental conditions

Tuhtan, Jeffrey Andrew; Dubrovinskaya, Elizaveta; Miasayedava, Lizaveta; Pattanaik, Vishwajeet; Soom, Jürgen; Mockenhaupt, Bernd; Schütz, Cornelia; Haas, Christian; Thumser, Philipp 14th International Symposium on Ecohydraulics (ISE 2022) : October 10-14, 2022 : Nanjing, China 2022 / p. 1-4 : ill https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192625_67371.docx