

**Applicability of a bioelectronic cardiac monitoring system for the detection of biological effects of pollution in bioindicator species in the Gulf of Finland**

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**Assessment of eutrophication status based on sub-surface oxygen conditions in the Gulf of Finland (Baltic Sea)**

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**Automatic calibration module for an urban drainage system model**

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**A comparison of Baltic Sea wave properties simulated using two modelled wind data sets**

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**Development of large shallow Lake Peipsi (North-Eastern Europe) over the Holocene based on the stratigraphy of phosphorus fractions**

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**Exposure to sublethal concentrations of Co<sub>3</sub>O<sub>4</sub> and Mn<sub>2</sub>O<sub>3</sub> nanoparticles induced elevated metal body burden in *Daphnia magna***

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**Modelling spatial dispersion of contaminants from shipping lanes in the Baltic Sea**

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**Observed flow variability along the thalweg, and on the coastal slopes of the Gulf of Finland, Baltic Sea**

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**An ocean–wave–trajectory forecasting system for the eastern Baltic Sea : validation against drifting buoys and implementation for oil spill modeling**

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**Oil spill detection using fluorometric sensors : laboratory validation and implementation to a ferryBox and a moored SmartBuoy**

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