



RESOURCE

A source-to-sea approach to emerging pollutants in freshwater and oceans: pharmaceuticals in the Baltic Sea region

|

Author(s)

Zandaryaa, Sarantuyaa Frank-Kamenetsky, Dmitry

Description / Abstract

This study highlights the transport of emerging pollutants through the source-to-sea hydrological cycle. Based on a UNESCO-HELCOM study on pharmaceuticals in the aquatic environment in the Baltic Sea region, it presents information on pharmaceutical sales and the detection of different types of pharmaceuticals in wastewater, sludge, river water, seawater, ocean sediment and marine biota. It highlights the new science-based policy developments and commitments to reduce the discharge of emerging pollutants into aquatic environments in the Baltic Sea region that have been developed in the framework of HELCOM. It concludes with recommendations for future research and policy responses.

Publication year

2021

Publisher

Water International

Keywords

Balkans

Thematic Tagging

Ecosystems/Nature-based solutions Transboundary

Language English

[View resource](#)

Related IWRM Tools



Tool

Source-to-Sea Management

C1.10

Source URL: <https://beta.toolbox.venthic.com/resource/source-sea-approach-emerging-pollutants-freshwater-and-oceans-pharmaceuticals-baltic-sea>