European Waters - Assessment of Status and Pressures 2018

EEA Report No 7/2018

Publication

Report

Citation

EEA 2018: European Waters Assessment of Status and Pressures. EEA Report No 7/2018. European Environment Agency, Luxembourg.

In 2018, the European Commission will publish its report on the assessment of the second River Basin Management Programme (RBMPs) and will start the process of evaluating the Water Framework Directive (WFD) (EC, 2017a). To accompany and inform this process, the European Environment Agency (EEA) has produced this report on the state of Europe's water. In addition, the Water Information System for Europe (WISE) Freshwater visualisation tool presents more, and more detailed, results. Eleftheria Kampa and Josselin Rouillard, both from Ecologic Institute which is a partner in the European Topic Centre on Inland Waters, Coastal and Marine, contributed as authors to the EEA Report.

The main aim of EU water policy is to ensure that a sufficient quantity of good-quality water is available for both people's needs and the environment. The Water Framework Directive (WFD), which came into force in 2000, established a framework for the assessment, management, protection and improvement of the quality of water resources across the EU. Since December 2015, EU Member States have been publishing the second river basin management plans (RBMPs) for achieving the environmental objectives of the WFD. These plans are updates of the first RBMPs, which were published in 2009. By spring 2018, 25 Member States had reported to the Water Information System for Europe (WISE).

Language

English

Authorship

Dr. Eleftheria Kampa Dr. Josselin Rouillard Peter Kristensen EEA Caroline Whalley EEA Fernanda Néry EEA Nihat Zal EEA Trine Christiansen EEA Ursula Schmedtje UBA Anne Lyche Solheim NIVA
Kari Austnes NIVA
Hana Prchalova CENIA
Katja Klancnik IWRS
Jeanette Völker Helmholtz-Zentrum für Umweltforschung
Monika Peterlin IWRS
Benoit Fribourg-Blanc Office International de l'Eau
Theo Prins Deltares
Vit Kodes CENIA
Jonas Persson NIVA
Evangelos Baltas NTUA
George Bariamis NTUA

Funding

European Environment Agency (EEA), International

Published by

<u>European Environment Agency</u> (EEA), International <u>Publications Office of the European Union</u> (Publications Office), International

Year

2018

Dimension

90 pp.

ISBN

978-92-9213-947-6

ISSN

1977-8449

Project

European Topic Centre on Inland, Coastal and Marine Waters 2014-2018

Project ID

916-11 916-12

Table of contents

Acknowledgements

Executive summary

- 1 EEA State of Water assessment and EU water policy context
- 1.1 Context
- 1.2 Data sources, geographical coverage, and methodology

- 1.3 Assessment methods
- 2 Ecological status and pressures
- 2.1 Introduction
- 2.2 Ecological status in the second RBMPs
- 2.3 Status of quality elements
- 2.4 Change in ecological status between first and second RBMPs
- 2.5 Pressures and impacts
- 3 Chemical status of and pressures on surface waters
- 3.1 Introduction
- 3.2 Chemical status of surface waters
- 3.3 Chemical substances causing failure to achieve good status
- 3.4 Chemical pressures
- 3.5 Changes between the first and second RBMPs
- 4 Groundwater chemical status and pressures
- 4.1 Introduction
- 4.2 Groundwater chemical status
- 4.3 Reasons for failure to achieve good chemical status
- 4.4 Pressures and impacts on groundwater chemical status
- 5 Groundwater quantitative status and pressures
- 5.1 Introduction
- 5.2 Groundwater quantitative status
- 5.3 Pressure and impacts on quantitative status
- 6 Current water status, progress achieved and future challenges
- 6.1 Status and overall progress since the first RBMPs
- 6.2 Pollution and water quality
- 6.3 Altered habitat and hydrology, including water abstraction
- 6.4 Integrated water management

Abbreviations

Reference

Keywords

Biodiversity
Coastal + Marine
Resource Conservation + Circular Economy
Water

water status, water quality, water management, pollution, chemical status, surface water body, state of water, waste water management, emissions from industry, emissions from agriculture, groundwater quality, river basin districts, river basin management, ecological quality, water framework directive, coastal areas, water quality, groundwater quantity, rivers and lakes, ecological status Europe

Source URL: https://www.ecologic.eu/15861