

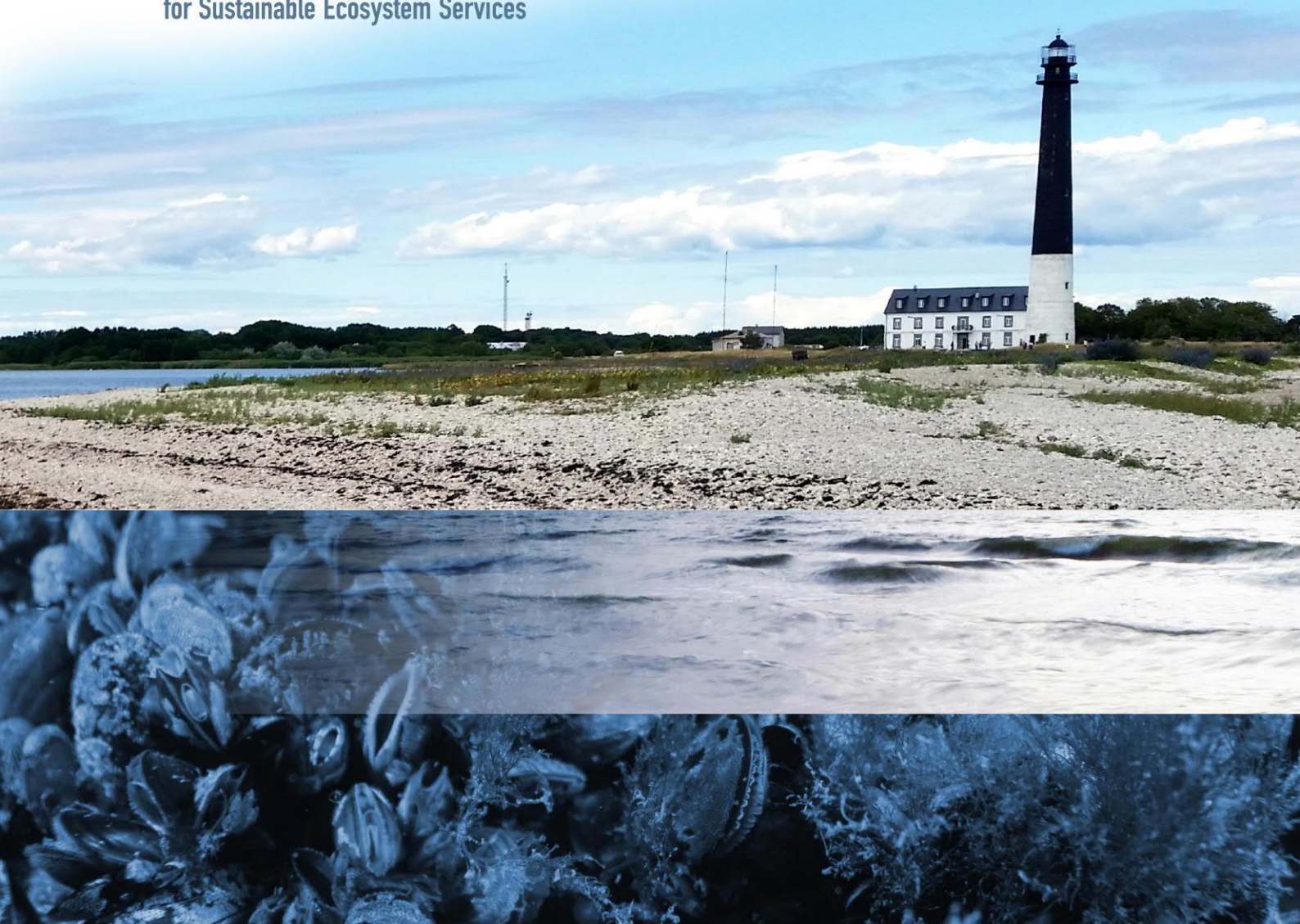



BASMATI

Baltic Sea Maritime Spatial Planning
for Sustainable Ecosystem Services

Special issue of Nordregio Magazine on MSP

Deliverable 7.6





BONUS BASMATI

Special issue of Nordregio
Magazine on MSP

May 2020

Authors:

Julia Ajanko, Vesa Arki, Anne Erkkilä-Välimäki, Hanna Luhtala & Harri Tolvanen, University of Turku
Søren Qvist Eliassen, Nordregio



This report is a publicly accessible deliverable of the BONUS BASMATI project. The present work has been carried out within the project 'Baltic Sea Maritime Spatial Planning for Sustainable Ecosystem Services (BONUS BASMATI)', which has received funding from BONUS (art. 185), funded jointly by the EU, Innovation Fund Denmark, Swedish Research Council Formas, Academy of Finland, Latvian Ministry of Education and Science and Forschungszentrum Jülich GmbH (Germany).

This report may be downloaded from the internet and copied, provided that it is not changed and that it is properly referenced. It may be cited as:

Ajanko J., Arki V., Erkkilä-Välimäki A., Luhtala H., Tolvanen H. and Eliassen S.Q. BONUS BASMATI Special issue of Nordregio Magazine on MSP, BONUS BASMATI deliverable 7.6, May 2020, www.bonusbasmati.eu

Contents

BONUS BASMATI in Brief	5
Summary	6
1 Nordregio Magazine special issue on MSP and BONUS BASMATI ...	7
2 Special issue articles	8
2.1 Assessing ecosystem services should be essential to all maritime spatial planning	8
2.2 Planning maritime spaces is something of a balancing act.....	8
2.3 Seamless data sharing in maritime spatial planning	8

BONUS BASMATI in Brief

BONUS call 2015:

Blue Baltic

Project coordinator:

Henning Sten Hansen, Aalborg University, Denmark

Project partners:

Aalborg University, Denmark (AAU)

Aarhus University, Denmark (AU)

Finnish Geospatial Research Institute, Finland (FGI)

Latvian Institute of Aquatic Ecology, Latvia (LIAE)

Leibniz Institute for Baltic Sea Research Warnemünde, Germany (IOW)

Nordregio, Sweden (Nordregio)

University of Turku, Finland (UTU)

Duration:

3 years, 7/2017 – 6/2020

Key theme addressed:

Theme 4.3 Maritime spatial planning from local to Baltic Sea region scale

Subthemes:

Theme 2.3 Integrated approaches to coastal management and Theme 4.1 Governance structures, policy performance and policy instruments

https://www.bonusportal.org/projects/blue_baltic_2017-2020

Project abstract:

Maritime Spatial Planning (MSP) requires a spatially explicit framework for decision-making, and on that background the overall objective of BONUS BASMATI is to develop integrated and innovative solutions for MSP from the local to the Baltic Sea Region scale. This is to be realised through multilevel governance structures and interactive information technology aiming at developing an ecologically and socio-economically sound network of protected marine areas covering the Baltic Sea. Based on the results of former MSP projects, the BONUS BASMATI project sets out to analyse governance systems and their information needs regarding MSP in the Baltic Sea region in order to develop an operational, transnational model for MSP, while maintaining compliance with existing governance systems. It also develops methods and tools for assessments of different planproposals, while including spatially explicit pressures and effects on maritime ecosystem services in order to create the Baltic Explorer, which is a spatial decision support system (SDSS) for the Baltic Sea region to facilitate broad access to information. During the project running until 2020, new data will be produced and tested in assessments corresponding to policy goals. The data will support the combined analysis of the three elements of the concept of ecosystem services: the capacity, flow and benefit of provisioning, regulating and cultural services. A central aim of the project is to facilitate cross-border collaboration, and the project is carried out in close cooperation with relevant stakeholders in the BSR. The impact of the project will be facilitated and assessed in transnational case studies, where integrated solutions are required. The local scale will consist of case study areas in the South-West Baltic, the Latvian territorial and EEZ waters including open part of the Baltic Sea and the Gulf of Riga, and across the region, a pan-Baltic case study will be performed.

Summary

A special issue on MSP was released in the Nordregio Magazine in May 2020 (issue 2 of 2020). The issue is titled BONUS BASMATI: maritime planning for the future.

Eight BONUS BASMATI researchers were interviewed to produce the articles, which are aimed for planners and the wider public.

The special issues consisted of three popular articles:

1. Assessing ecosystem services should be essential to all maritime spatial planning
2. Planning maritime spaces is something of a balancing act
3. Seamless data sharing in maritime spatial planning

1 Nordregio Magazine special issue on MSP and BONUS BASMATI

A special issue on MSP was released in the Nordregio Magazine in May 2020 (issue 2 of 2020) titled **BONUS BASMATI: maritime planning for the future** (Figure 1).

The articles were written by communication experts working for the magazine and included interviews from BONUS BASMATI partners. The articles are written in a popular magazine format and are aimed for planners and the wider public.

Nordregio Magazine is an online series published by Nordregio, which is the leading Nordic and European research centre for regional development and planning, established by the Nordic Council of Ministers. The Magazine provides perspectives on specific themes related to regional development and planning in the Nordic countries. Its first issue was released in 2018.

The Nordregio Magazine is a successor of a print publication series Nordregio News, the last number of which was published at the end of 2017. In the autumn 2017, the Nordregio News published a theme issue on Maritime Spatial Planning, showcasing also the recently launched BONUS BASMATI project. The online version of the Nordregio News article on BONUS BASMATI is available here: <https://nordregio.org/nordregio-magazine/issues/maritime-spatial-planning-in-the-baltic-sea-region-and-beyond/baltic-sea-maritime-spatial-planning-for-sustainable-ecosystem-services/>

The Nordregio Magazine is online at: <https://nordregio.org/nordregio-magazine/>

The BONUS BASMATI special issue: <https://nordregio.org/nordregio-magazine/issues/bonus-basmati-maritime-planning-for-the-future/>

NORDREGIO MAGAZINE ISSUES ABOUT EDITORIAL BOARD NORDREGIO.ORG

Nordregio Magazine 2 2020

BONUS BASMATI: maritime planning for the future

Successful planning of maritime space requires accurate data, a diverse group of stakeholders and access to the best available knowledge. The BONUS BASMATI project has contributed to all three areas within a relatively new field of

Subscribe to Nordregio Magazine and News

Keep up to date with the interesting research results produced at Nordregio.

Your name

Your email address

By clicking the subscription button for Nordregio Magazine you agree to our [Terms & Conditions](#)

Sign up

Figure 1

Screen capture of the BONUS BASMATI issue in the Nordregio Magazine.

2 Special issue articles

2.1 Assessing ecosystem services should be essential to all maritime spatial planning

The first article focuses on the ways the BONUS BASMATI project has integrated marine ecosystem services into planning processes in the Baltic Sea Region. Examples of BONUS BASMATI work are given from the data-driven ecosystem service modelling and its application in evaluating the impacts of plan proposals. The case studies related to the Latvian marine protected areas and mussel farming in the SW Baltic Sea are presented as concrete planning examples.

The following BONUS BASMATI researchers were interviewed for the article:

- Henning Sten Hansen, Professor at the Institute of Planning at Aalborg University in Copenhagen, Coordinator of the BONUS BASMATI project.
- Pia Frederiksen, Senior Researcher at the Department of Environmental Science at Aarhus University.
- Solvita Strāķe, Senior Scientist at the Latvian Institute of Aquatic Ecology.

<https://nordregio.org/nordregio-magazine/issues/bonus-basmati-maritime-planning-for-the-future/assessing-ecosystem-services-should-be-essential-to-all-maritime-spatial-planning/>

2.2 Planning maritime spaces is something of a balancing act

The second article discusses stakeholder involvement in maritime spatial planning. It highlights the multitude of stakeholders involved, and the challenges in integrating all of the actors to the planning process. The BONUS BASMATI handbook is presented, and the authors explain how the content of the book will help planners to organize the complex involvement process.

For this article, the following BONUS BASMATI researchers were interviewed:

- Alberto Giacometti, Research Fellow at Nordregio.
- Andrea Morf, Senior Research Fellow at Nordregio.

<https://nordregio.org/nordregio-magazine/issues/bonus-basmati-maritime-planning-for-the-future/planning-maritime-spaces-is-something-of-a-balancing-act/>

2.3 Seamless data sharing in maritime spatial planning

The third article focuses on the need for access to the best available knowledge, in this case up-to-date spatial data, in MSP stakeholder involvement. The article presents the development of Baltic Explorer, a tool for facilitating collaboration in planning. In addition, data harmonization and its importance for data quality and usefulness for planning purposes are highlighted.

The article is based in the interviews of the following BONUS BASMATI researchers:

- Juha Oksanen, Director at the Finnish Geospatial Research Institute.
- Pyry Kettunen, Senior Research Scientist at the Finnish Geospatial Research Institute.
- Kerstin Schiele, Group leader of the marine planning group at the Leibniz Institute for Baltic Sea Research Warnemünde.

<https://nordregio.org/nordregio-magazine/issues/bonus-basmati-maritime-planning-for-the-future/seamless-data-sharing-in-maritime-spatial-planning/>

