



# BASMATI

Baltic Sea Maritime Spatial Planning  
for Sustainable Ecosystem Services

## PhD course on Maritime Spatial Planning processes in Baltic Sea countries

**Deliverable 7.4**





# **BONUS BASMATI**

## **Deliverable 7.4: PhD course on Maritime Spatial Planning processes in Baltic Sea countries June 2019**

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# 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](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 multi-level 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 plan-proposals, 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.

# Report Summary

This report documents the second of two BONUS BASMATI PhD courses, arranged by the University of Turku (UTU) in Turku in May 2019.

# 1 Course description and contents

## 1.1 Aims of the course

Maritime Spatial Planning (MSP) is a complicated process balancing different uses of the sea without making severe impacts on the environment.

The aim of this PhD course was to introduce the PhD students to the differences between the theory and practice of MSP, the differences and similarities of how the Member States are implementing the MSP directive, and what kind of implications these have on the evaluation of the planning processes and their outcomes.

The PhD course was closely related to the BONUS BASMATI research project, and included experiences and preliminary results from the project.

## 1.2 Course topics

- Analysis of the MSP directive
- Analysis of the MSP processes that are being carried out in the Baltic Sea countries
- Exploring the functionality of the Baltic Explorer SDSS
- Evaluation of MSP processes and outcomes
- Futures research methodology applied to MSP and its evaluation
- Stakeholder involvement and cross-border collaboration in MSP

# 2 Course arrangement

## 2.1 Basic information

Organizers: Adj. Prof. Harri Tolvanen (UTU), Postdoctoral researcher Hanna Luhtala (UTU) and Senior researcher Anne Erkkilä-Välimäki (UTU)

Course extent: 5 ECTS

Time: 6 - 8 May 2019

Place: University of Turku, Department of Geography and Geology, Vesilinnantie 5, 20014 Turku, Finland

Participants: 13 PhD students (from Denmark, Estonia, Finland, Germany, Greece, Lithuania, and Spain)

## 2.2 Student assignments

Before the course each PhD student delivered a pre-reading report, in which they reviewed the MSP directive, and analysed the similarities and differences between two Baltic Sea countries (unique pair of countries for each student).

After the course the PhD students submitted a final report, in which they reflected how they have developed their thinking and understanding about MSP evaluation, and the differences between MSP theory and MSP practice.

## 2.3 Course programme



### BONUS BASMATI PhD course, May 6–8 2019

#### Monday (University of Turku, Natura building)

- 9:00-10:30 **Welcome & course introduction** (Harri Tolvanen & Hanna Luhtala)
- 10:30-11:00 *break*
- 11:00-12:30 **Presentations of pre-reading task** (students)
- 12:30-13:30 *lunch*
- 13:30-15:00 **Demonstration and test session of Baltic Explorer** (FGI)
- 15:00-15:30 *break*
- 15:30-16:30 **Preparing group work** (students)

#### Tuesday (University of Turku, Natura building)

- 9:00-10:30 **German MSP process – lessons learned** (Holger Janssen)
- 10:30-11:00 *break*
- 11:00-12:00 **Approaches to evaluate MSP: effectiveness and impacts** (Riku Varjopuro)
- 12:00-12:30 **Preparing panel discussion** (students)
- 12:30-13:30 *lunch*
- 13:30-15:00 **Panel discussion**
- 15:00-15:30 *break*
- 15:30-16:30 **Futures research methodology in MSP evaluation and development** (Toni Ahlqvist)

#### Wednesday (Cruise meeting Turku-Mariehamn-Turku)

- 8:45 *ferry departure*
- 9:00-9:30 **Synthesis of national MSP process reports** (students)
- 9:30-10:00 **Stakeholder involvement in MSP** (Hanna Luhtala)
- 10:00-10:30 *break*
- 10:30-12:00 **Scientific development project perspective to MSP process** (Henning Sten Hansen)
- 12:00-14:00 *buffet lunch & free time onboard, 14:10-14:25 changing ships*
- 14:30-17:00 **The role of cross-border collaboration for institutional development and policy integration in MSP - a pan-Baltic and EU perspective** (lecture & group exercise) (Michael Kull & Andrea Morf)
- 17:00-17:30 **Closing the course**



## 2.4 About the teachers & panelists

**Toni Ahlqvist**, Professor, Research Director, University of Turku, Finland

**Henning Sten Hansen**, Professor, coordinator of BONUS BASMATI, Aalborg University, Denmark

**Holger Janßen**, Advisor, Ministry for Energy, Infrastructure and State Development, Mecklenburg-Vorpommern, Germany

**Michael Kull**, Senior Research Fellow, Nordregio, Sweden

**Hanna Luhtala**, Postdoctoral researcher, University of Turku, Finland

**Heidi Lusenius**, Planner, Regional Council of SW Finland

**Andrea Morf**, Senior Research Fellow, Nordregio, Sweden

**Harri Tolvanen**, Adjunct Professor, University of Turku, Finland

**Riku Varjopuro**, Head of Unit, Finnish Environment Institute

## 2.5 Photographs from the course

Photographs: Harri Tolvanen



Students of the course (one missing from the photo)



Baltic Explorer prototype being used during the course.



Expert panelists of the course: Holger Janßen (left), Riku Varjopuro, Henning Sten Hansen and Heidi Lusenius.

