BONUS BASMATI Final Scientific Seminar

Supporting Maritime Spatial Planning with Science

Deliverable 7.8

BASMATI

Baltic Sea Maritime Spatial Planning for Sustainable Ecosystem Services

BONUS

Science for a better future of the Baltic Sea region

BONUS BASMATI

Final scientific seminar

September 2020

Authors:

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Tolvanen H. and Luhtala H. BONUS BASMATI Final scientific seminar, BONUS BASMATI deliverable 7.8, September 2020, www.bonusbasmati.eu

Contents

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 3 months, 7/2017 – 9/2020
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 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.

Summary

The final scientific seminar of the BONUS BASMATI project was organized as a webinar on September 9. 2020. The final seminar, which was intended to take place in Copenhagen, was converted to an online event because of the travel restrictions set due to the COVID-19 pandemic.

Altogether, 76 participants, out of which 24 were members of the project staff, registered for the final seminar. In the webinar, the BONUS BASMATI staff presented the essential project results to the audience using the Zoom videoconferencing platform. The number of participants simultaneously online was 65 at the highest.

The project disseminates its main results under the title "**BONUS BASMATI – Supporting Maritime Spatial Planning with Science**" through three means of communication:

1) The BONUS BASMATI summary video (YouTube)
2) The BONUS BASMATI summary report (pdf)
3) The BONUS BASMATI final webinar (video presentations and material)

The BONUS BASMATI final webinar website https://bonusbasmati.eu/results-material/final-webinar/ includes the links to all three; the video serves as a popularized synthesis, the report provides more in-depth content, and the final webinar presents the results in scientific terms.

1 Final scientific seminar of BONUS BASMATI

The final scientific seminar of the BONUS BASMATI project was organized as a webinar on September 9. 2020 10:00-12:30 CEST. The registration for the event opened on August 27., and closed on September 7. 2020. Altogether, 76 participants, out of which 24 BONUS BASMATI staff, registered for the final seminar.

Based on the affiliations and email addresses, the group of participants consisted of:

- 46 people from organisations in the five BONUS BASMATI project countries (Denmark, Finland, Germany, Latvia and Sweden), including the project staff
- 7 people from organisations in other EU Member States
- 5 people from organisations in other than EU Member States
- 3 people from the BONUS EEIG
- 15 people from other organisations, such as different EU offices, VASAB secretariat, and independent consultants etc.

The highest number of simultaneous participants during the event was 65.

2 Agenda of the final scientific seminar

BONUS BASMATI final scientific seminar:

Supporting Maritime Spatial Planning with Science

10:00 **Welcome and introduction to the event**

- Project coordinator, Prof. Henning Sten Hansen (AAU)
- Head of communication and dissemination activities, Adj. Prof. Harri Tolvanen (UTU)

10:15 **Concepts and approaches**

- **Framework for sustainability impact assessment of plan proposals.** Dr. Pia Frederiksen (AU)
- **Assessment of ecosystem services and values of marine protected areas.** Dr. Solvita Strāķe (LIAE) & Dr. Kristīne Pakalniete (AKTiiVS)
- **Data harmonisation to facilitate planning across borders and scales.** Dr. Kerstin Schiele & Researcher Lotta Maack (IOW)
- **Involving stakeholders – Why, Who, When and How?** Dr. Søren Qvist Eliasen & Dr. Andrea Morf (Nordregio)

11:15 **Platforms and tools for MSP**

- **Baltic Explorer – Collaborative GIS approach for new interactive MSP.** Prof. Juha Oksanen & Researcher Christian Koski (FGI)
- **SPACEA – a GIS toolbox to facilitate easy spatial and environmental suitability analysis.** Researcher Miriam von Thenen (IOW)
- **ESA4MSP – an ecosystem service assessment tool.** Researcher Aurelija Armoškaitė (LIAE)
- **MYTILUS – a toolset for assessing the impacts of maritime activities.** Prof. Henning Sten Hansen (AAU)
- **SEANERGY – a tool for analysing conflicts and synergies between different marine uses.** Researcher Ida Maria Bonnevie (AAU)

12.15 **Closing the conference**

- **Summary.** Associate Prof. Lise Schrøder (AAU)
- **Concluding statement from the BONUS EEIG.** Executive Director, Dr. Andris Andrusaitis
- **Final remarks.** Prof. Henning Sten Hansen (AAU)

The event ended at 12:30

3 Screen captures from the final scientific seminar

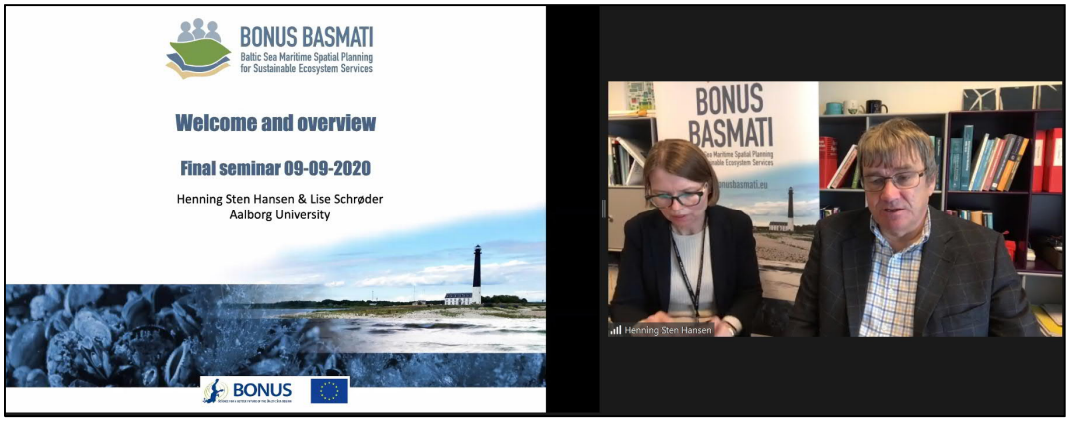

Figure 1. Project coordinator, Professor Henning Sten Hansen and co-coordinator, Professor Lise Schrøder from Aalborg University opening the final webinar.

Figure 2. Presenting the video "BONUS BASMATI – Supporting Maritime Spatial Planning with Science".

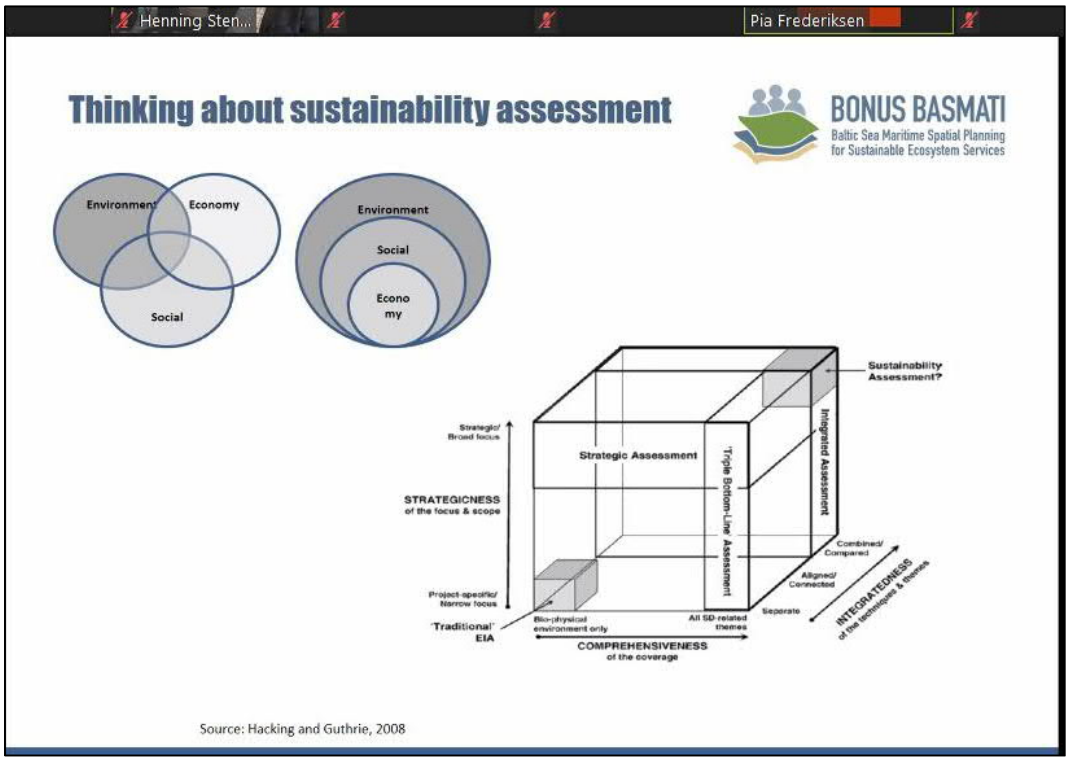

Figure 3. Dr. Pia Frederiksen from Aarhus University presenting the different dimensions of sustainability.

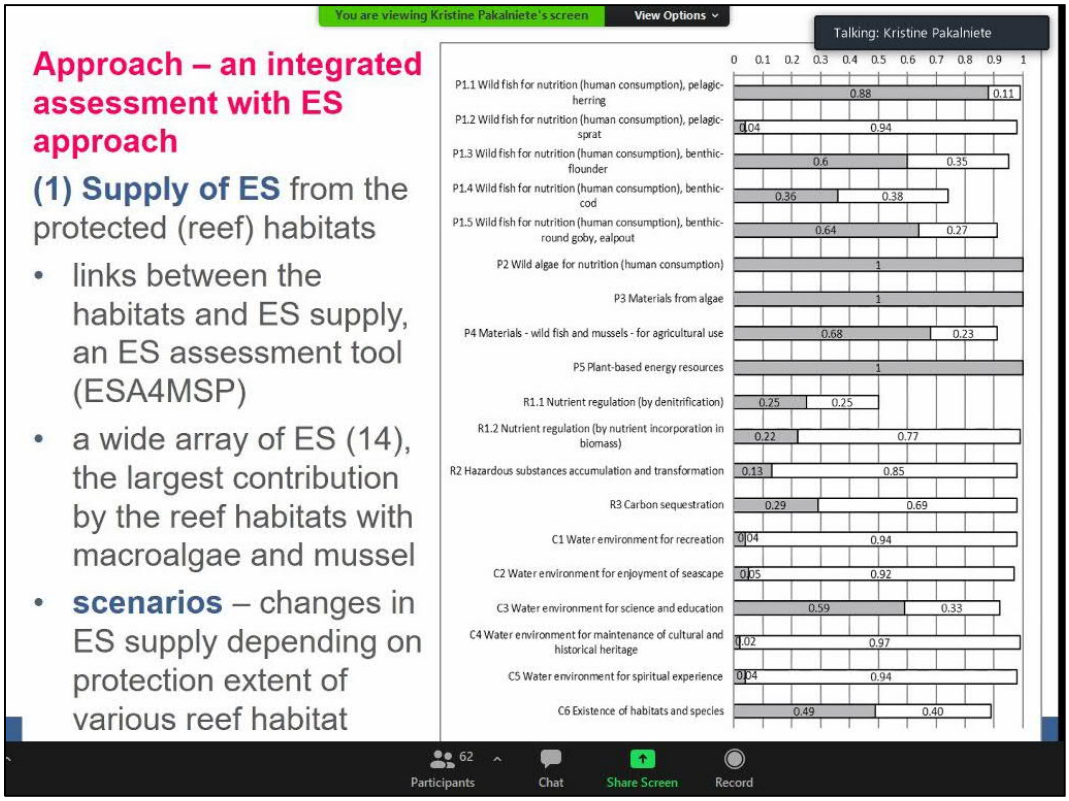

Figure 4. Dr. Kristīne Pakalniete from AKTiiVS presenting ecosystem service assessment.

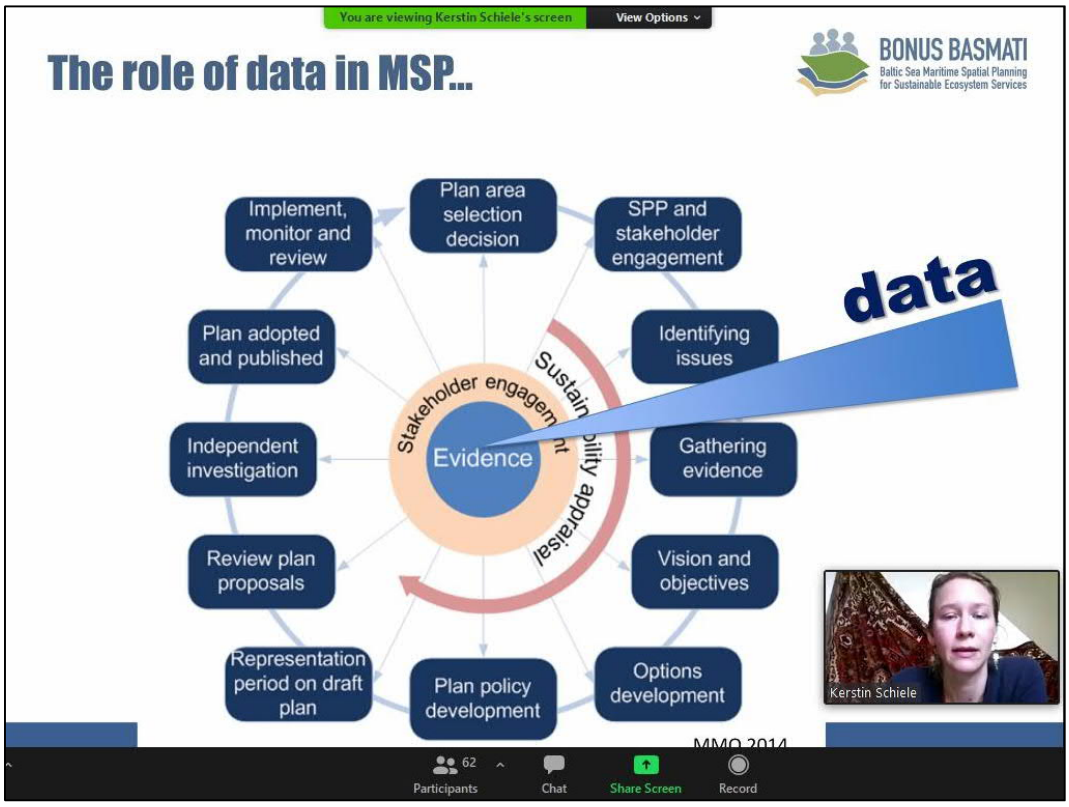

Figure 5. Dr. Kerstin Schiele from the Leibniz Institute for Baltic Sea Research Warnemünde (IOW) discussing the importance of high quality data in MSP.

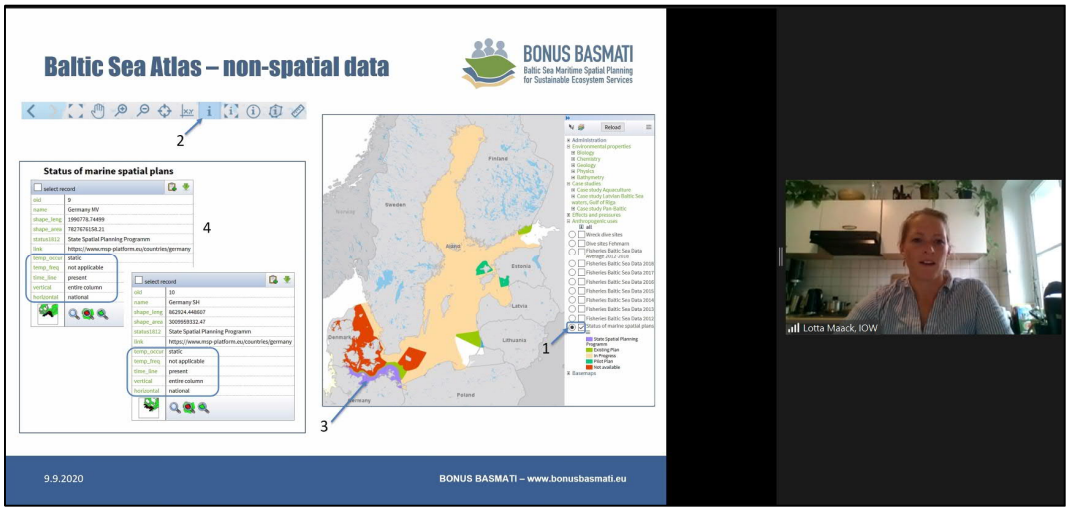

Figure 6. Researcher Lotta Maack from the Leibniz Institute for Baltic Sea Research Warnemünde (IOW) introducing the Baltic Sea Atlas.

Figure 7. Dr. Søren Qvist Eliasen from Nordregio and the steps of stakeholder involvement.

Figure 8. Introduction to the Baltic Explorer by Professor Juha Oksanen from the Finnish Geospatial Research Institute.

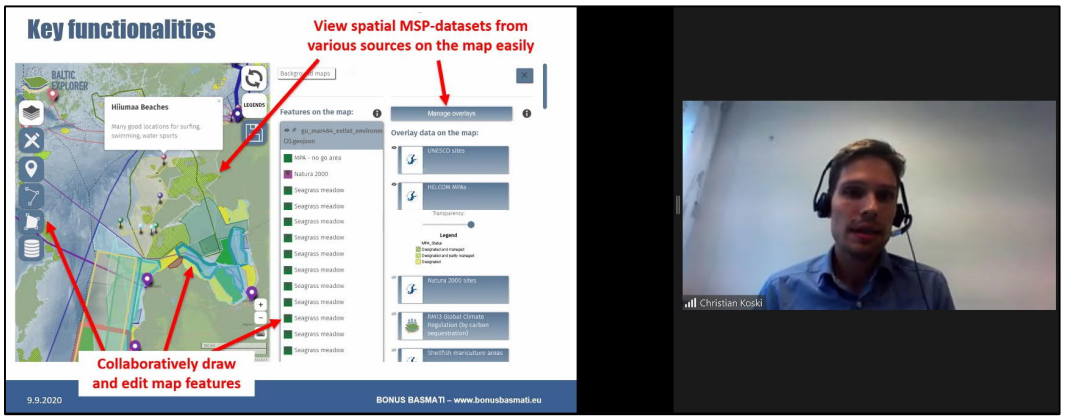

Figure 9. Overview of the Baltic Explorer functionality by Researcher Christian Koski from the Finnish Geospatial Research Institute.

Figure 10. Researcher Miriam von Thenen from the Leibniz Institute for Baltic Sea Research Warnemünde (IOW) presenting the SPACEA toolbox.

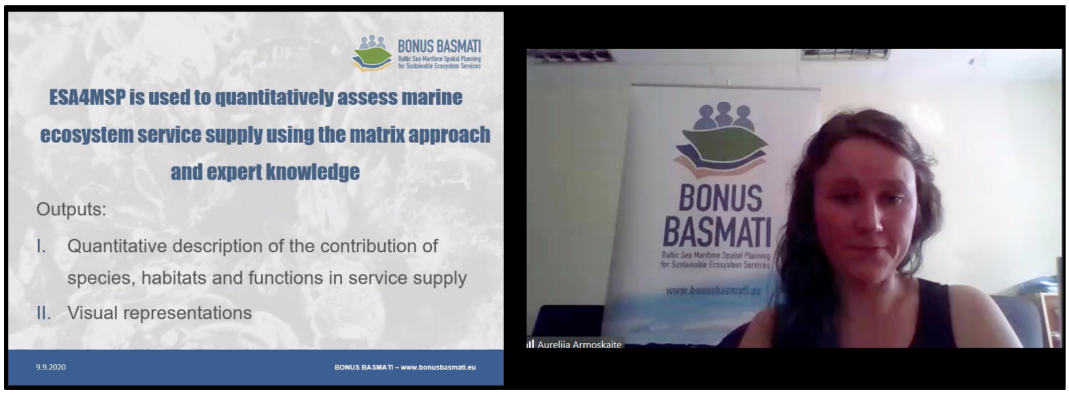

Figure 11. Researcher Aurelija Armoškaitė from the Latvian Institute of Aquatic Ecology presenting the ESA4MSP tool.

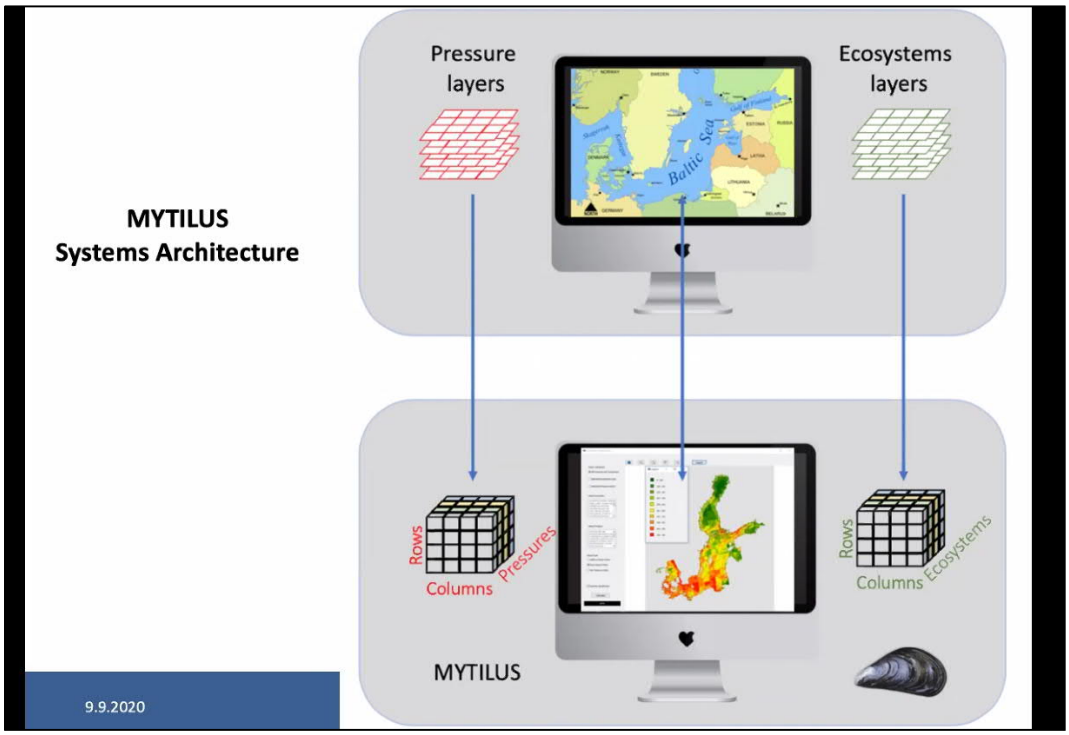

Figure 12. Professor Henning Sten Hansen from the Aalborg University presenting MYTILUS.

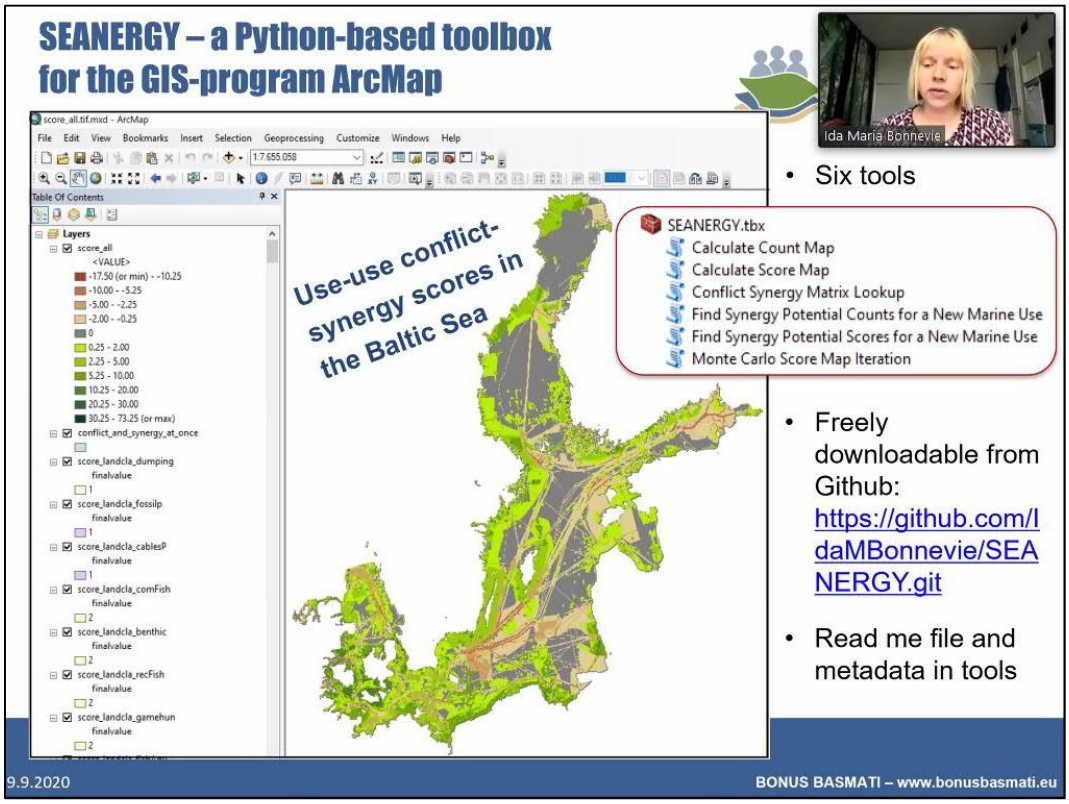

Figure 13. Researcher Ida Maria Bonnevie from the Aalborg University presenting the SEANERGY tool.


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