



European  
Centre for Advanced  
Studies

## **Lower Saxony – Scotland Joint Forum 2021**

*23 November 2021*

**Session I – 3:30 pm CET**

### **Innovative Tools and Methods for the Sustainable Development of European Maritime Regions**

#### **1. Workshop Organizer**

Carl von Ossietzky University Oldenburg  
COAST Centre for Environment and Sustainability  
Malena Ripken, M. Sc., *University of Oldenburg*  
Dr. Tanja Behrendt, *University of Oldenburg*

#### **2. Workshop Description**

European seas, and especially the North Sea and Baltic Sea belong to the busiest seas for maritime industries worldwide. Their shared resources represent a crucial asset but also a mutual territorial challenge to European countries. Marine Spatial Planning (MSP) and Integrated Coastal Management (ICM) are processes to manage and organize the use of the sea and coastal areas wisely. They are societal mechanisms to guarantee a clean, healthy and productive marine and coastal space. This results in the need for well-designed interdisciplinary approaches in research and teaching in a transnational and sustainable way.

Groups in three universities in Northern Europe are currently pioneers in the development and use of innovative methods tailored to support and evaluate MSP/ICM in Europe. These institutions have developed tools for improved MSP/ICM in recent years, i.e. for planning and decision-making (decisions support systems, geographical information systems), for the integration of actors (stakeholder engagement) and knowledge transfer (dialogue, discussion and comparison). All the methods and tools have successfully been used across Europe

Within the workshop, the developed tools and methods will be introduced. Participants are invited to engage themselves in a serious gaming session and to gather further tools and

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methods for MSP/ICM that should be integrated in a toolbox for researchers and practitioners. The ambition of the workshop is to strengthen the cooperation between European universities and to identify possible future networks for an improved MSP/ICM.

### 3. Programme

(The times of the programme items are indicated in CET.)

**3:30 pm Welcoming Addresses**

Dr. Tanja Behrendt, *University of Oldenburg*

**3:40 pm Keynote: Innovative Tools and Methods in Maritime Spatial Planning**

Malena Ripken, M. Sc., *University of Oldenburg*

**4:00 pm Coffee Break**

**4:10 pm MSP Challenge Gaming Experience**

Harald Warmelink, PhD, *Breda University of Applied Science*

**5:00 pm Reflecting on additional Tools and Methods in Maritime Spatial Planning and Integrated Coastal Management**

Malena Ripken, M. Sc., *University of Oldenburg*  
Harald Warmelink, PhD, *Breda University of Applied Science*

**5:25 pm Summary and Closing**

Dr. Tanja Behrendt, *University of Oldenburg*

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