MSP in the Black Sea

Laura Alexandrov
NIMRD

#BalticMSP
Black Sea countries

http://www.msp-platform.eu/sea-basins/black-sea-0
• MSP at an initial stage: MPS competent authority and national committee are identified in Romania. They are in the step to be nominated in Bulgaria. Transposition just started, almost planned to be done.

• Wide transboundary project-based on long term experience in marine research and territorial planning; ongoing projects, e.g. Marsplan BS, COFASP/ECOAST, forthcoming MSP projects on different calls and competitions.

• High pressures on marine ecosystems mainly from Danube (freshening and pollution), high seasonal demography, new buildings areas, coastal erosion.
Romania and Bulgaria as Member States in the Black Sea Basin

Black Sea non-UE countries: Georgia, Moldavia (3km), Russia, Turkey, Ukraine

Cross-Border MARitime Spatial PLANning in the Black Sea for Romania and Bulgaria, MARSPLAN BS Project is on-going in both countries

Both countries nominated MSP authorities

MSP Directive 2014/89/EC and of the Council of 23 July 2014 implementation is based on
- inshore (internal and territorial waters)
- offshore (EEZ and continental shelf)

http://msp-platform.eu/sea-basins/black-sea-0
MSP authority: Ministry of Regional Development and Public Administration
• Directorate General for Regional Development and Infrastructure

Ministry of Environment, Waters and Forests with National Committee of Coastal Zone

Ministry of Transport with the Commission of Integrated Maritime Policy, including CISE commission

http://www.msp-platform.eu/countries/romania
• Size of internal waters (to the baseline) and territorial sea (12-nm zone from the baseline) approximately 4,084 km².
• Exclusive Economic Zone (EEZ) about 29 700 km².

- **ROMANIA**

- Inter-Ministerial Working Group have main tasks to elaborate MSP methodology, indicators, strategy and MSP plans
- Technical Committee have to elaborate MSP plans, according to the MSP methodology, taking into account MSFD, Natura 2000 and new nominated MPA-s.
Aims

- Supporting the implementation of the EU Directive for MSP
- Creating an institutional framework for Romania-Bulgaria cross-border MSP
- Developing the cooperation with all Black Sea countries for MSP
- Consolidating the cross-border cooperation and exchange information between RO-BG
- Setting out the vision and strategic goals for Black Sea area on MSP, taking into account the land sea interaction
- Elaborating MSP for cross-border area
- Contributing to a wider dissemination of all gathered information concerning MSP, Black Sea, best practices and stakeholders
The MARSPLAN project main objectives:

- to elaborate **MPS Methodology**, 
- **MSP indicators**, **MSP legislation** support, plans;
- to elaborate a **complete analysis of the Romanian and Bulgarian marine areas**
- to design a **MSP Plan for Romania-Bulgaria** cross-border area
- to develop **MSP strategies, vision**

The project included five pilot case areas:

- **Eforie area - Romania**
- **Sfantul Gheorghe – Romania**
- **Bourgas Port – Bulgaria**
- **Aquaculture and marine fisheries**
- **New ship routing system in territorial seas of Bulgaria and Romania**
Mapping temathical and integrated maritime activities

Elaborating a complete analysis of the Romanian and Bulgarian marine areas

Planning maritime activities, promoting land-sea integration and protection against coastal erosion (Eforie Study Case)

Studing the sustainable use of marine resources (aquaculture and fisheries Study Case)


ROMANIA

PlanCoast Handbook for IMSP
Call reference No: MARE/2014/22
Cross border maritime spatial planning in the Black Sea – Romania and Bulgaria (MARSPLAN – BS)
EASME/EMFF/2014/1.2.1.5/2/SI2.707672 MSP LOT 1/BLACK SEA/MARSPLAN-BS

WP 1: CROSSBORDER MARITIME SPATIAL DEVELOPMENT

1.1 Initial assessment
- Collecting data and elaboration of research reports on key areas of importance.
- Analyses on key areas and strategic sector issues.
- Integrated and coordinated the main actors, ideas, resources, projects, coastal and the marine areas, regional and spatial planning priorities.
- Consolidate knowledge base of maritime and coastal activities in the Black Sea basin.
- A policy and legislative framework is set forth the MSP: most important challenges and solutions.

1.2 Preparing the cross-border cooperation in MSP
- Cooperation framework and institutional setup for cross-border cooperation between Romania and Bulgaria, expandable to other Black Sea countries.
- Common methodology for analysis and spatial planning.
- Delivery of a lasting mechanism to exchange information between Member States.
- Capacity built for the implementation of MSP directive in Romania and Bulgaria.
- Indicators and procedures defined for the monitoring of the implementation of MSP in the Black Sea cross-border area;

1.3 Setting out a monitoring system of Black Sea area
- Common spatial database for maritime areas Ro-Bg
- Indicators
- Data sharing centre

- Common strategic of MSP for

* Mangalia – Shabla
  Transboundary approach
* Conflict Analyses
Specific objectives:
- to map productive marine areas and priority areas for fisheries and aquaculture;
- to assess the interaction of fisheries and aquaculture with other human activities;
- to assess the cumulative impact of fisheries and aquaculture on ecosystem components with special focus on priority/sensitive habitats;
- to measure economic and ecological performance of alternative spatial plans by scenario evaluations including delineating locations and space limits that ensures certain levels of production to local fishers and farmers;
- to develop an operational modelling framework to analyse stakeholders' behavior and predict their likely responses to spatial management options;
- to assess common opportunities and obstacles to integrate fisheries and aquaculture in MSP based on stakeholder consultations.

Core project team:
- ISMAR - CNR Italia – Fabio Grati
- ISPRA Italia – Giovana Marino
- DTU Aqua Danemarca – Francois Bastardie
- IRIS Norvegia – Thorleifur Agustson
- IMR Norvegia – Eric Olsen
- HCMR Grecia – Vasiliki Vassiopolu
- INCDM Romania – Laura Alexandrov
- ICBAS Portugalia – Luis Vieira

ECOAST
New methodologies for an Ecosystem approach to spatial and temporal management of fisheries and aquaculture in COASTal areas

7 case studies:
- Adriatic Sea
- Ionian Sea
- Black Sea
- Tyrrhenian Sea
- Baltic Sea
- Norwegian Fjord
- NE Atlantic
Competent authorities:
• Ministry of Environment and Water – Black Sea Basin Directorate – Varna
• Ministry of Transport Information Technologies and Communications – Executive Agency “Maritime Administration”
• Ministry of Agriculture and Food – Fisheries and Aquaculture Executive Agency
• Ministry of Energy

- Territorial sea (12-nm zone from the baseline), including internal waters, approximately 6,358 km².
- Contiguous zone (12-nm zone from the territorial sea) approximately 5,200 km².
- Exclusive Economic Zone (EEZ) about 29,052 km².
- Six maritime boundaries
- EEZ between Bulgaria and Turkey was agreed in 1997.
- Pending delimitation of boundaries with Romania (TS, Continental Shelf and EEZ)

http://www.msp-platform.eu/countries/bulgaria

- Law transposing the MSP Directive has been drafted and is soon available for consultation.
- Maritime planning is practiced on a sector-based approach. Some general measures, that cover MSP (and ICZM), are mentioned in the Development Strategies of the coastal districts (Burgas, Varna and Dobrich), in the National Strategic Plan for Aquaculture in Bulgaria (2014-2020) and in the National Regional Development Strategy (2012-2022).
- Sectoral spatial plans for various maritime activities started to be elaborated: aquaculture, tourism, industry and renewable energy.
The Black Sea Basin Directorate Management Plan for the period 2009-2015 specifies measures to protect the coast from erosion and abrasion and addresses the following sectors: waste water treatment; sewage; agriculture; shipping and ports; fisheries and aquaculture

- **Current uses:**
  - increasing interest as an energy hub

- **Issues:**
  - nature protection and recreation under the Habitats Directive

- **Future uses:**
  - Shipping
  - Fisheries
  - Aquaculture
  - Offshore renewable energy production

Fishing grounds off Bulgaria, constructed from VMS data 2010-2012
Bulgaria

- Transboundary Planning between Romania and Bulgaria (MARSPLAN BS)
- STUDY CASES in developing
  - Bourgas Port – Bulgaria
  - New ship routing system in territorial seas of Bulgaria and Romania
- Focused on stakeholder engagement, governance and legal frameworks, data management
- Good Practice Guideline in preparing
Questions:

- Other significant projects for MSP and practices in the Black Sea Basin

- PlanCoast (RO, BG, others EU)
- PEGASO (RO, BG, others EU)
- COCONET (RO, BG, others EU)
- MARSPLAN-BS (RO, BG)
- ECOAST (COFASP) (RO, BG, others EU)
- PERSEUS (RO, BG, others EU)
- MISIS (RO, BG, others EU)
- SymNet/CBC-Black Sea, RO, BG, others Blk.S
- ICZM/CBC-Black Sea (RO, BG, others Blk.S)
- SRCSSMBSF (RO, BG, others Blk.S)
- CLEANSEA (RO, BG, others EU)
- CREAM (RO, BG, others EU)
- MARSEA (RO)
- MAREFRAME (RO, BG, others EU)
- IMARES (BG, others EU)