



Addressing the Multi-Use Concept with Marine Spatial Planning in the Black Sea

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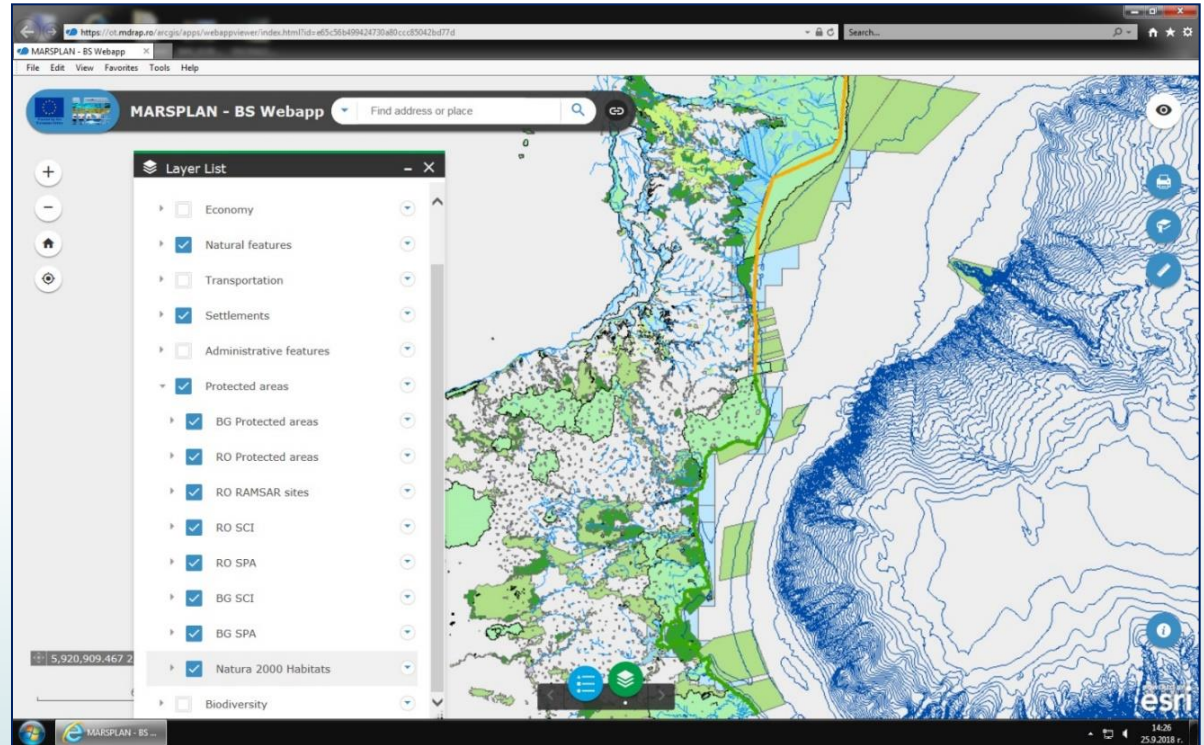


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Environmental perspective of Multi-Use (MU) in Black Sea



Environmental protection and tourism are the key drivers of MU development in the Black Sea (Lukic *et al.*, *Multi-Use Analysis, MUSES project, 2018*).



Source: www.marsplan.ro



Country	Natura 2000 sites - coastal and marine (number)	Coastal protected areas (CPAs) (%)	Marine protected areas (MPAs) (%)
Bulgaria	34	80	7.8
Romania	13	90	22.0



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Compliance of human activities with environmental legislation



- ✓ Coastal and maritime tourism heavily depends on the quality of the environment as well as on synergies with different uses, both terrestrial and maritime.
- ✓ CPAs/MPAs and historical heritage sites are established by national policy instruments and EU Directives to protect a wide range of natural and cultural resources.



Challenges:

- ✓ Lack of approved and operational management plans for protected areas;
- ✓ Overbuilding of protected dune and beach areas;
- ✓ Unregulated camping and destruction/loss of valuable dune habitats;
- ✓ Lack of sewage systems and degradation of water quality in peak seasons.

Perspectives for MU development:

- ✓ Ecotourism, underwater adventure tourism, cliff rocky climbing, historical and cultural tourism;
- ✓ Management regulations i .e. setbacks;
- ✓ Artisanal fishing;
- ✓ MPAs visitors regulations.

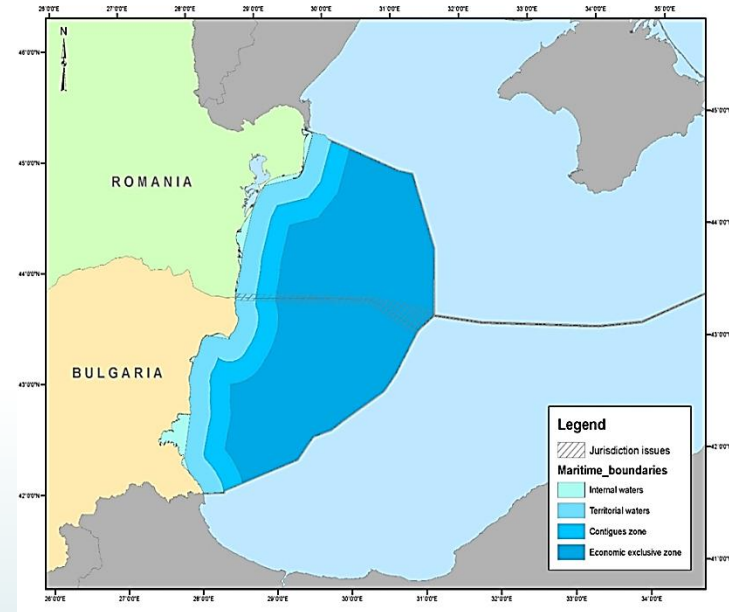


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Current issues of the link between MU concept and MSP

- ✓ Issues of MU due to the limited sea space EEZ (12 NM)
- ✓ Potentials for more than one use in the sea: secondary use, co-use, MU and multifunctional use
- ✓ MU combinations still faces various types of barriers and challenges
- ✓ Low stakeholder perception of the benefits of MU and Marine Spatial Planning (MSP)

MU concept supports the concept for circular economy and industrial symbiosis models.



SymNet Project (<http://www.projectsymnet.eu/>):

- BLACK SEA INDUSTRIAL SYMBIOSIS PLATFORM (BSISP)
- INDUSTRIAL SYMBIOSIS STRATEGY REPORT

SymNet Project looked closer into the sustainable development of **MANUFACTURING, LOGISTICS, TOURISM** and **ENERGY** sectors in the Black Sea.



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Status of MSP in the Black Sea (Romania and Bulgaria)



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- ✓ **Within the MARSPLAN-BS Project, funded by DG MARE (www.marsplan.ro) the Directive 2014/89/EU was transposed in both countries national legislations:**
 - In Romania by a) Government Ordinance no. 18/2016 on the maritime spatial planning; and b) Law no. 88/2017 related to the approval of the Government Ordinance no. 18/2016 on the maritime spatial planning.
 - In Bulgaria by Amendment of the Law on Maritime Spaces, Inland Waterways and Ports of the Republic of Bulgaria, State Gazette No 28/29.03.2018.

- ✓ **Designated National Competent Authorities:** Ministry of Regional Development and Public Works (BG) and Ministry of Regional Development and Public Administration (RO).

- ✓ **Started procedures on national MSP development and stakeholder consultation.**



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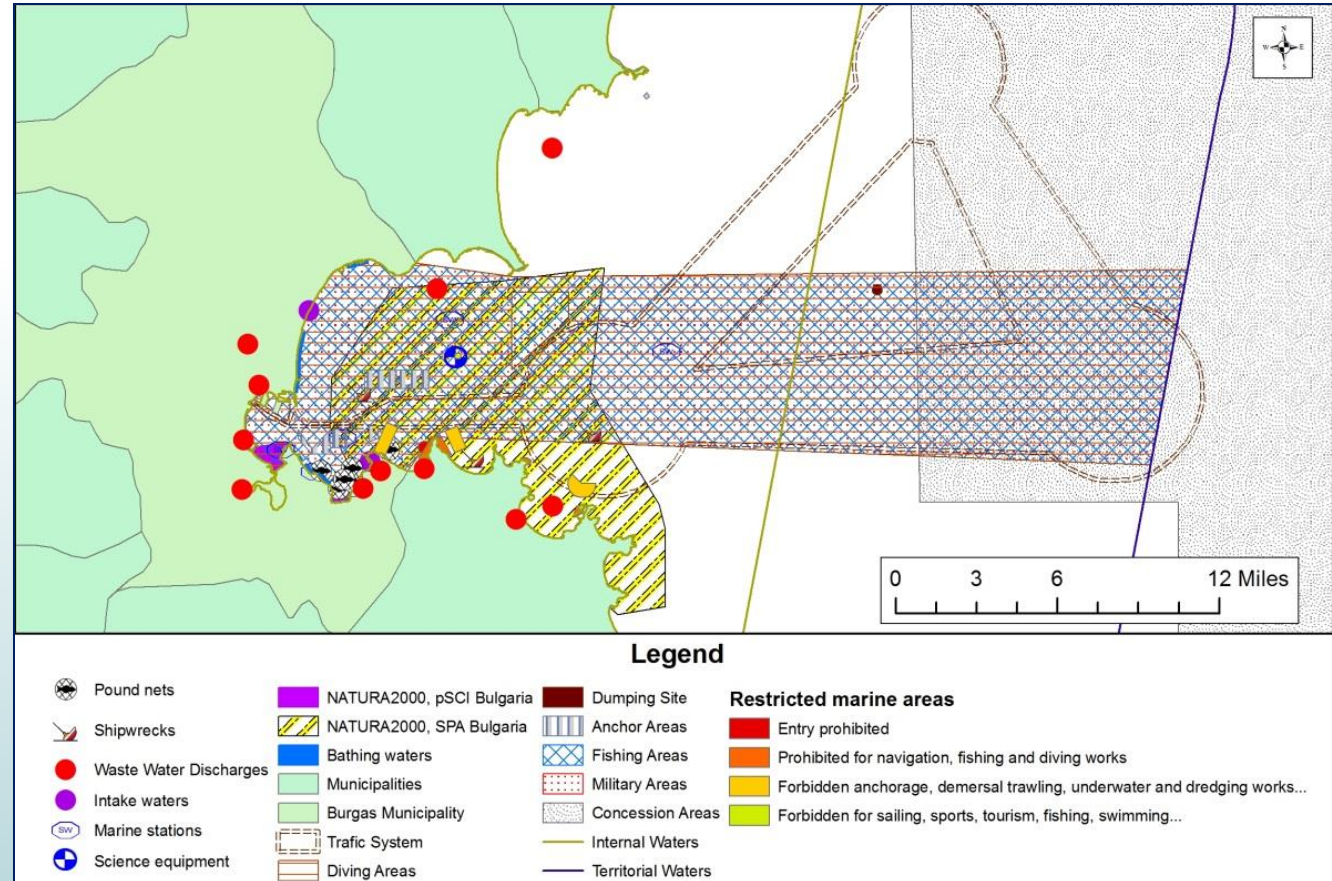
MU in ongoing MSP efforts in the Black Sea



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- ❖ MU concept is still poorly considered in the MSP, only in the pilot project MARSPLAN-BS
- ❖ Burgas Case Study - example of spatial overlapping of the maritime uses and the environment

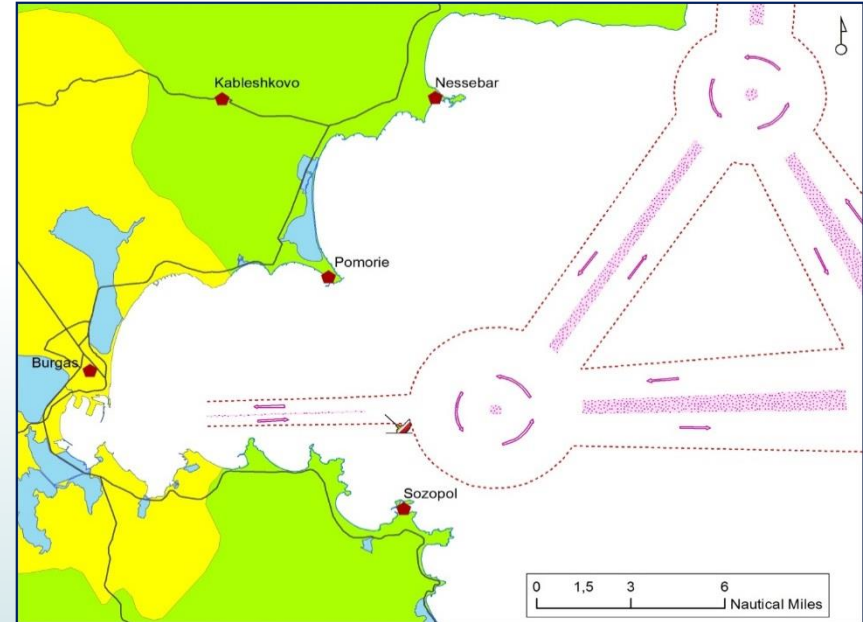
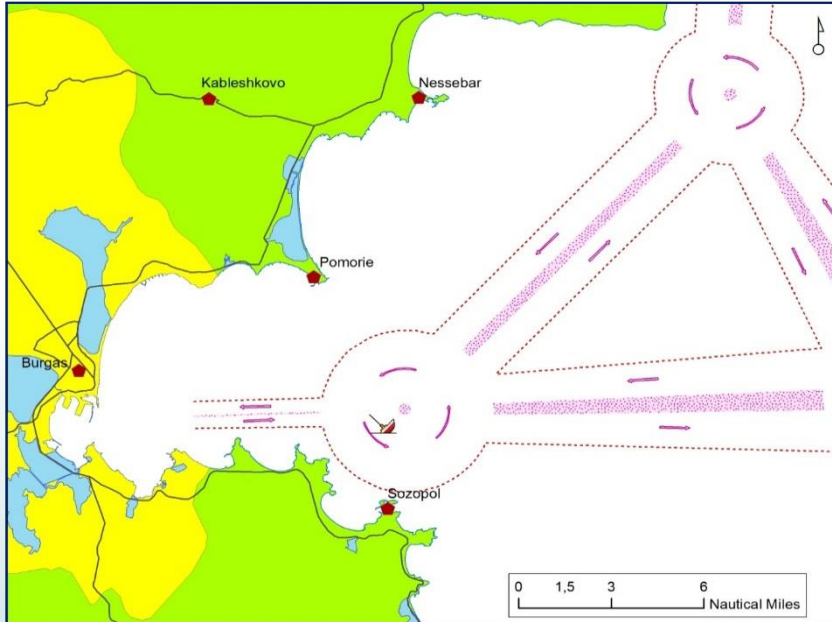


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Planning solution: MU conflict between shipping/navigation and diving



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Mo Pang shipwreck

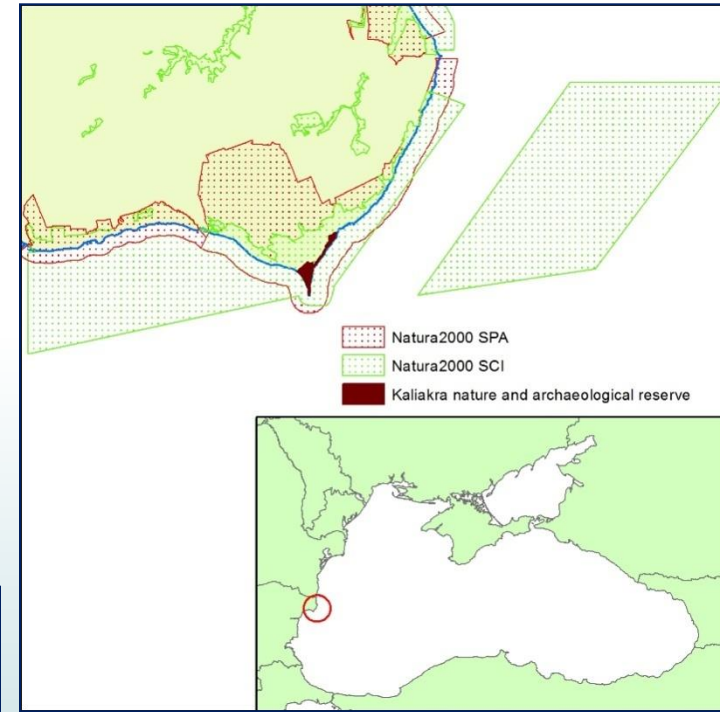


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How can MSP support the identification and implementation of MU

- MU of tourism, Underwater Cultural Heritage (UCH) and environmental protection (Kaliakra CPAs/MPAs).
- MSP can be used as a tool for protection and management of MPAs and UCH sites through the creation of designated protection zones, special management measures and increased data availability and knowledge.

Kaliakra Nature and Archaeological Reserve



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Potentials of MSP to support MU implementation

The MSP supports the MU implementation and the MU can ease the implementation of MSP:

- ✓ MSP provides the needed policy to overcome barriers for MU development;
- ✓ MSP helps identify areas suitable for MU combinations;
- ✓ MSP helps in solving spatial conflicts and promote synergies between uses and uses-environment;
- ✓ Using an ecosystem-based approach, MSP can also facilitate the development of coherent networks of MPAs to maximize their benefits;
- ✓ MSP can act as a transparent tool for early communication with stakeholders and resulting in more lasting solutions.



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MSP ↔ MU



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