



**VASAB Workshop**

# Data Availability for MSP: from Jungle to Structure

Practice and regional approaches on MSP data availability from international and European sea-basin perspective

Thursday 31 May 2018 | 11:45 - 12:45

Venue: Nessebar



Swedish Agency  
for Marine and  
Water Management

# ADRIPLAN portal – a data platform for Adriatic-Ionian regional cooperation



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# MSP as a challenge for Science-to-Policy

**DIKW:** the "Knowledge Hierarchy"



Knowledge needed as:

- Conceptual and methodological approaches
- Knowledge of system functioning at different spatial scales and with time
- Data and tools to support decisions

# ADRIPLAN: ADRIatic maritime spatial PLANning



- Pilot Project co-financed by EC DG Mare (MARE/2012/25)
- December 2013 – July 2015
- Transboundary (4 countries: Croatia, Italy, Slovenia, Greece), 8 scientific partners, 9 institutional partners, 17 observers
- Proposals and recommendations for an operational cross-border MSP
- Analyse and promote transboundary Maritime Spatial Planning in the Adriatic–Ionian Region



# ADRIPLAN Data Portal

<http://data.adriplan.eu/>

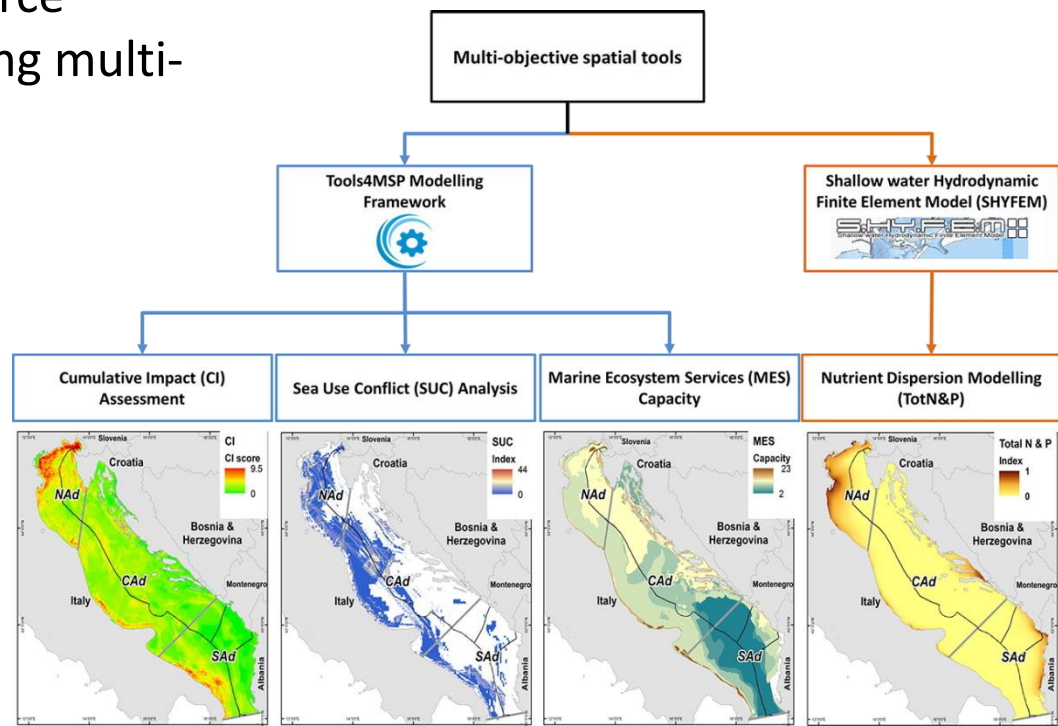
- Collecting and making available MSP data in ADRIPLAN, providing the maximum level of sharing and dissemination of data and products within and from ADRIPLAN
- Focus not only on the duration of the project, but also possible future reuse within the Adriatic-Ionian Region

The screenshot displays the ADRIPLAN Data Portal interface. At the top, there is a navigation bar with links for 'Layers', 'Map', 'Documents', 'People', 'Networks', and 'Contact', along with a search bar and a user profile icon. The main header features the title 'ADRIPLAN Data Portal' and a sub-header 'ADRIPLAN final maps' with the text 'Explore the most relevant maps'. Below this, there are two main sections: 'Layers by Categories' and 'Relevant Maps'. The 'Layers by Categories' section lists eight categories with corresponding colored circles: Coastal Defence and sand extraction (brown), Energy (red), Environmental protection (green), Environment and ecosystems (yellow), Fisheries and Aquaculture (purple), Maritime Transport and Tourism (blue), and Miscellanea (grey). The 'Relevant Maps' section shows three map icons with labels: Coastal Defence and sand extraction, Energy, Environmental protection, Environment & Ecosystems, Fisheries and Aquaculture, and Maritime Transport & Tourism. At the bottom, there are three summary cards: '187 Layers' with a diamond icon and a description about geospatial data published by other users; '10 Maps' with a location pin icon and a description about data available for browsing and styling; and '175 Users' with a person icon and a description about GeoNodes allowing registered users to upload geospatial data. Each card includes an 'Add layers', 'Create maps', or 'See users' button.

# Focus on tools to support MSP

- From the ADRIPLAN Data Portal to Tools4MSP: a community-based and open-source collaborative platform implementing multi-objective tools for MSP

- Cumulative Effects Assessment
- Maritime Use Conflict analysis
- Marine Ecosystem Services Threats



# Projects ecosystems and trajectories



# Discussion topics

- In a transboundary context **coordination** among countries is fundamental for data management, exchange, harmonization
- There are some **key datasets** on which there should be a common vision and agreement for accessibility to support transboundary analyses and planning
- Involvement of relevant **stakeholders** should be pursued throughout all the phases of data collection and management
- **Data policies** are needed to clarify accessibility and reuse of data, both for maritime uses and environmental components
- **Interoperability** and **open standards** have to play a central role on the technical infrastructures managing/sharing data



# References and Bibliography

- ADRIPLAN Data Portal: <http://data.adriplan.eu/>
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- Stefano Menegon et al. 2016. Open source tools to support Integrated Coastal Management and Maritime Spatial Planning. DOI: <http://10.7287/peerj.preprints.2245>
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- Depellegrin D., Menegon S., Farella G., Ghezzi M., Gissi E., Sarretta A., Venier C., Barbanti A. 2017. Multi-objective spatial tools to inform maritime spatial planning in the Adriatic Sea. Science of The Total Environment 609:1627–1639. <http://doi.org/10.1016/j.scitotenv.2017.07.264>
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