

MaPSIS 2017

Maritime Spatial Planning, Ecosystem Approach & Supporting Information Systems

24-28 April 2017, Las Palmas de Gran Canaria, Spain

Programme

Maritime spatial planning is now.

ORGANIZED BY ECOAQUA
&
UNIVERSITY OF LAS PALMAS DE GRAN CANARIA



Programme MaPSIS 24-28th April 2017

Maritime Spatial Planning, Ecosystem Approach and Supporting Information Systems

Monday 24 April 2017

09:00 – 11:00	PLASMAR Project - partners meeting
11:00 – 11:30	Coffee Break
11:30 – 13:30	PLASMAR Project - partners meeting
13:30 – 15:00	Lunch
15:00 - 17:00	PLASMAR Project - partners meeting
18:00 - 19:30	Registration of participants
18:30 - 19:00	Project PLASMAR public presentation – MSP in Macaronesia
19:00 – 20:00	MaPSIS inauguration
20:00 – 21:00	Icebreaker

Tuesday 25 April 2017

09:00 – 11:00	1st Session: Maritime Spatial Planning & Blue Growth Chairman: Prof. Dr. Ronan Long, World Maritime University, Sweden
09:00 – 09:20	Plenary speaker– Dr. Helena Calado, University of the Azores, Portugal “Current and Future Challenges on MSP”
09:20 – 09:35	MASPAWIO: Combining marine spatial planning and model-based evaluation of reefs connectivity and habitat degradation scenarios: example from the Western Indian Ocean. Crochelet E. <i>et al.</i> Presented by Martinez C.
09:35 – 09:50	Maritime spatial planning: the need for a Land-Sea interface scope and an integrated approach Lobo A.
09:50 – 10:05	The situation PLAN: a decisive STEP ENGAGING stakeholders in Marine Spatial PlanNING from madeira autonomous region (Portugal) Andrade C. <i>et al.</i> ; Presented by Oliveira M.
10:05 – 10:20	Analysis between two policies of marine spatial planning and conservation in São Paulo State – Brazil Terra F. <i>et al.</i>
10:20 – 10:35	Marine infrastructure enclosures for enhancing marine conservation Shabtay A. <i>et al.</i>
10:35 – 10:50	International vulnerable areas and law: spatial approach Bonnin, M. <i>et al.</i>
10:50 – 11:00	Discussion
11:00 – 11:30	Coffee Break & Poster session

11:30-13:30	1st Session: Marine strategies & Environmental Planning Chairman: Dr. Helena Calado, University of the Azores, Portugal
11:30 – 11:50	Plenary speaker– Prof. Dr. Victor N. de Jong, Institute of Estuarine and Coastal Studies, University of Hull, UK. “Assessing ‘ecological status’ by linking ecological network ‘structure’ and network ‘functioning’ in accordance with the spirit of the EU Directives”
11:50 – 12:05	Ecosystem-based management, marine restoration and a new biodiversity instrument for areas beyond national jurisdiction: Reflections from the European Union MERCES and ATLAS Projects Long, R., Grehan, A.
12:05 – 12:20	The challenge of dynamic ocean management in transboundary scenarios: The western Mediterranean sea as a case study Fabbri, F. <i>et al.</i>
12:20 – 12:35	Adapting to climate change on the European coast Chica, J.A. <i>et al.</i>
12:35 – 12:50	Criteria system for complex assessment of the Russian coastal geosystems Krylenko, V.V. <i>et al.</i>
12:50 – 13:05	Marine protected areas: monitoring plan of the national park of Cabrera and Atlantic Islands of Galicia national park (Spain) Amengual, P. <i>et al.</i> presented by Rey, C.
13:05 – 13:20	Potential contribution of the first sale system of fresh fish in the Canary Islands to the compliance of the marine strategy framework directive (MSFD): An example of Gran Canaria (Canary Islands, Spain). Pérez, Y. <i>et al.</i>
13:20 – 13:30	Discussion
13:30 – 15:00	Lunch
15:00 – 16:30	1st Session: Biodiversity Conservation within Blue Growth Chairman: Dr. Fernando Tuya Cortés, IU-ECOQUA, ULPGC, Spain
15:00 – 15:20	Plenary speaker– Prof. Dr. Ricardo Haroun, IU-ECOQUA, ULPGC, Spain. “Marine expedition BIO-Príncipe 2016: marine biological assessment and sub-tidal habitats characterization”
15:20 – 15:35	Bioengineering marine ecosystems with floating seaweed prairies Radulovich, R.
15:35 – 15:50	Spatial management of marine and coastal protected species. The case of <i>Cystoseira</i> spp. in Canary Islands (Spain) Martin, L. <i>et al.</i>
15:50 – 16:05	Seasonal and spatial factors as drivers of marine biodiversity on rhodolith seabeds Cosme, M. <i>et al.</i>
16:05 – 16:20	Launch of an action plan to ensure angelshark in the Canary islands are abundant and protected in their unique stronghold Jiménez, D. <i>et al.</i>
16:20 – 16:30	Discussion
16:30 – 16:45	Coffee Break & Poster session

16:45 – 18:30 **Workshop - Blue growth VS Good Environmental Status - PLASMAR**
open workshop by Yaiza Fernández-Palacios
IU-ECOQUA, ULPGC, Spain

Wednesday 26 April 2017

09:00 – 11:00 **1st Session: Marine/Maritime Information Systems & Data Management**
Chairman: Dr. Andrej Abramic, IU-ECOQUA, ULPGC, Spain

09:00 – 09:20 **Plenary speaker– Dr. Hugo De Grof, European Commission, Directorate-**
General Environment, Unit E.4. “INSPIRE for responding to Marine
Pollution”

09:20 – 09:35 The role of Emodnet (European marine observation and data network) to
support MSP: Emodnet thematic portals and Emodnet sea-basin checkpoints
Martín, B. *et al.*

09:35 – 09:50 Emodnet chemistry results in support to EU marine policies: use cases
Giorgetti, A. *et al.* presented by Partescano, E.

09:50 – 10:05 The AIS, a relevant data for Maritime Spatial Planning?
Le Tixerant, M. *et al.*

10:05 – 10:20 Sis- increasing amount of data for marine spatial data infrastructure with marine
observation sensors
Tavra, M. *et al.*

10:20 – 10:35 Dewetra Data Server, an open-source engine to interoperate with Geo-Spatial
Dynamic Data
Campanella, P. *et al.*

10:35 – 10:50 Application of the Operational Oceanography System Ocean UCA-Maps to
coastal planning, management, and monitoring: the case of bacterial
contamination in the Bay of Cadiz
Gonzalez, C. *et al.*

10:50 – 11:00 Discussion

11:00 – 11:30 **Coffee Break & Poster session**

11:30-13:30 **2nd Session: Maritime Spatial Planning & Blue Growth**
Chairman: Dr. Victor N. de Jong, Institute of Estuarine and Coastal
Studies, University of Hull, UK and Editor-in-Chief of the Elsevier journal
“Ocean & Coastal Management”

11:30 – 11:50 **Plenary speaker– Angel Borja, AZTI Tecnalia, Spain.**
“Is it possible to conciliate the objectives of the Marine Strategy
Framework Directive and the Marine Spatial Planning Directive?”

11:50 – 12:05 The European Maritime Spatial Planning: between maritime activities,
conservation and coastal uses
Maccarrone, V., Sprovieri, M.

12:05 – 12:20 Land and sea use interaction in Heraklion coast
Rempis, N. *et al.*

12:20 – 12:35 Zoning and management system in the south Sumatera province: implications
of Indonesia's legal regime on Marine Spatial Planning
Fery, K. *et al.* presented by A. Afandy

12:35 – 12:50	Can Romania achieve its 2021 MSP target? a scenario based on modeling and input from stakeholders Văidianu, N., Ristea M.
12:50 – 13:05	Marine spatial planning for enhanced fisheries and aquaculture sustainability Aguilar-Manjarrez, J.
13:05 – 13:20	Sustainability in coastal areas: proposal of an integrated system of indicators for its analysis and communication Fernández-Palacios, Y. <i>et al.</i>
13:20 – 13:35	Marine spatial conflict resolution based on cooperative game theoretic decision rules. The what, the why and the how. Kyriazi, Z. <i>et al.</i>
13:35- 13:45	Discussion
13:45 – 15:00	Lunch

**15:00 – 16:30 1st session: Maritime sector’s needs, opportunities & challenges
Chairman: Dr. Conor Norton, Dublin Institute of Technology, Ireland**

15:00 – 15:20	Plenary speaker– Sadasivam Kaushik, IU-ECOQUA, ULPGC, Spain “Food from the oceans: A critical appraisal of opportunities & challenges.”
15:20 – 15:35	Implementing marine aquaculture zoning within marine spatial planning: A case study for madeira archipelago (Portugal) Andrade, C., Nogueira, N.
15:35 – 15:50	Strategic environmental study for offshore wind farms installation in Spain Ayuso, J.R. <i>et al.</i> presented by Palacios, M.V.
15:50 – 16:05	Site selection methodology for renewable energies and aquaculture facilities in the Canary Archipelago Weiss, C.V.C. <i>et al.</i>
16:05 – 16:20	Temporary and Spatial predictions to simulate the impacts of alternative fishery policies on the Gran Canaria marine ecosystem Couce-Montero, L. <i>et al.</i>
16:20 - 16:35	Integrated zoning for aquaculture and biodiversity-using a spatial decision-support tool Venier, C. <i>et al.</i> presented by Zanella, A.
16:35 – 16:45	Discussion
16:45 – 17:00	Coffee Break & Poster session
17:00 – 18:45	Workshop – Co-allocation of Maritime Uses - Eastern Atlantic Sea Basin (MUSES project) by Helena Calado, University of the Azores
21:00 – 23:30	Social Dinner (optional)

Thursday 27 April 2017

**09:00 – 11:00 2nd Session: Environmental Planning, Biodiversity Conservation within Blue Growth
Chairman: Dr. Angel Borja, AZTI Tecnalia, Spain**

09:00 – 09:20	Plenary speaker - Dr. Irene del Barrio, European Environment Agency,
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Denmark. “Spatial components of the marine environmental planning within the European legislation”

- 09:20 – 09:35 Aquaculture and Marine Protected Areas: Exploring Potential Opportunities and Synergies
Simard F. *et al.*
- 09:35 – 09:50 Ocean metabolism, heterotrophic energy production, vertical particle flux, nutrient retention efficiency, and benthic respiration
Packard, T.T. *et al.*
- 09:50 – 10:05 Seawetra, a MSP tool to support the conservation of the marine mammals in the Pelagos Sanctuary
Moulins, A. *et al.*
- 10:05 – 10:20 Microplastics: a global problem that needs global cooperation
Herrera, A. *et al.*
- 10:20 – 10:35 Jellyfish blooms around the world: The roles of climate and humans
Purcell, J.E.
- 10:35 – 10:50 The eNGO experience of marine spatial planning: WWF’s reflections in Europe to date
Taylor, A.R. *et al.*
- 10:50 – 11:00 Discussion
- 11:00 – 11:30 Coffee Break & Poster session**

11:30 –13:45 2nd Session: Marine/Maritime Information Systems & Data Management; Chairman: Dr. Hugo De Grof, European Commission, Directorate-General Environment, Unit E.4 – Compliance and Better Regulation

- 11:30 – 11:50 Plenary speaker- Ms.c Manuel Frias HELCOM Secretariat, Finland. “We have a dream: Towards a decentralized MSP data system in the Baltic Sea”**
- 11:50 – 12:05 The European Atlas of the Seas
Barale, V.
- 12:05 – 12:20 The Italian impulsive noise registry
Fossati, C. *et al.*
- 12:20 – 12:35 Land tenure registration on the marine areas in Croatia
Flego, V., Roić, M.
- 12:35 – 12:50 GeoCMS HotSpot: Data evaluation and preparation
Aden, C., Kirchner, A.C.
- 12:50 – 13:05 SIMBIO: Computer system for strengthening decision-making in biodiversity and marine coastal protected areas in Guatemala
García, S. *et al.* presented by Bergasa, O.
- 13:05 – 13:20 Decision support concept to design of Maritime Spatial Plans related to development of anchoring capacities – Case study Croatia
Jajac, A. *et al.* presented by Jelena Kilić
- 13:20 – 13:30 Discussion
- 13:30 – 15:00 Lunch**

15:00 – 16:30	3rd Session: Maritime Spatial Planning & Blue Growth Chairman: José Aguillar Manjarrez, Food and Agriculture Organization of the United Nations (FAO), Rome, Italy.
15:00 – 15:20	Plenary speaker- MSc. Lodewijk Abspoe, Directorate-General for Spatial Development and Water Affairs, The Netherlands. “MSP as pathway to blue growth in the Netherlands”
15:20 – 15:35	Marine Spatial Planning in regional, insular territories. The role of regions as crucial stakeholders and policy making authorities Hatziyanni, E., Arvanitidis, C.
15:35 – 15:50	Symphony-a Swedish tool for cumulative impact assessment in Marine Spatial Planning Hammar, L. <i>et al.</i> presented by Mattson, D.
15:50 – 16:05	SIMCELT: Supporting Implementation of Maritime Spatial Planning in the Celtic Seas O’Higgins, L. <i>et al.</i> presented by Onwona, J.
16:05 – 16:20	Integration of shipping component into Marine Spatial Planning process in Estonia K. Kasepõld <i>et al.</i> presented by Zaitseva-Pärnaste, I.
16:20 – 16:30	Discussion
16:30 – 16:45	Coffee Break & Poster session
16:45 – 18:30	Paralell Workshop – Reference list on marine habitats in Spain: Classification and relation to the other lists by Concepcion Rey & Victoria Palacios - TRAGSATEC
16:45 - 18:30	Paralell Workshop: Maritime Spatial Planning Challenge - MSP ROLE GAME by Lodewijk Abspoe, Directorate-General for Spatial Development and Water Affairs, The Netherlands
18:30 - 19:00	Poster Award & Conference closure
21:00 – 23:30	Night out in Vegeta

Friday 28 April 2017

09:00 – 11:00	Workshop: Maritime Spatial Planning Challenge - MSP ROLE GAME by Lodewijk Abspoe, Directorate-General for Spatial Development and Water Affairs, The Netherlands
11:00 – 11:30	Coffee Break
11:30 – 13:00	Thematic event: The Atlantic Action Plan: Funding opportunities for MSP in the Atlantic Area - by Federico Cardona Pons, Support Team for the EU Atlantic Action Plan