

## 8th May 2024 COFERENCE AGENDA

8:00 - 9:00	Registrations
9:00 - 9:35	Introduction and welcome speech
	<p><b>Vesna Marohnić Kuzmanović</b> - Moderator</p> <p><b>Bojan Linardić</b> (ZPR, Director) / <b>Marina Oreb</b> (ZZPUDNŽ, Director)</p> <p><b>Nikola Dobrosravić</b> (DNŽ, Prefect)</p> <p><b>Felix Leinemann</b> (DGMARE)</p> <p><b>Maja Markovčić Kostelac</b> (EMSA, Executive Director)</p> <p><b>Branko Bačić</b> (MPGI, Deputy Prime Minister and Minister)</p>
9:35 - 11:15	The first block
9:35 - 9:55	<b>Bojan Linardić, Držislav Dobrinić, Lidija Škec</b> (ZPR) - Maritime spatial planning in the Republic of Croatia
9:55 - 10:15	<b>Christopher McDougall</b> (EU MSP Platform) – MSP Platforma EU - A support mechanism for MSP Practitioners
10:15 - 10:35	<b>Marina Oreb</b> (ZZPUDNŽ) - Expert analysis of the Spatial Plan of the Croatian EEZ in the Adriatic
10:35 - 10:55	<b>Snježana Dominković Alavanja</b> ((MINGOR)) – Protection of the marine environment
10:55 - 11:15	<b>Gabrijela Šestani</b> (MINGOR) - Mapping of marine areas and protected marine areas
11:15 - 11:45	Coffee break
11:45 - 13:25	The second block
11:45 - 12:05	<b>Renata Glunčić</b> (DUNEA) – Good practices in marine waste management (project examples)
12:05 - 12:25	<b>Marijan Krpan</b> (AZU) - Exploration and exploitation of hydrocarbons in the Adriatic Sea
12:25 - 12:45	<b>Marina Marković</b> (UNEP/MAP-PAP/RAC) – MSP within Barcelona Convention
12:45 - 13:05	<b>Igor Isajlović</b> (IOR) – Sustainable fisheries
13:05 - 13:25	<b>Antun Asić</b> – Maritime traffic in EEZ
13:25 - 14:25	Brunch
14:25 - 15:25	The third block
14:25 - 14:45	<b>Andrea Barbanti</b> (CNR-ISMAR) – Maritime spatial planning in the Republic of Italy
14:45 - 15:05	<b>Kai Truemppler</b> (BSH) – Maritime spatial planning in the Federal Republic of Germany
15:05 - 15:25	<b>Maja Mrdak</b> (MDUP) - Maritime spatial planning in the Republic of Montenegro
15:25 - 16:15	Panel
	panelists: <b>Bojan Linardić - Gabrijela Šestani - Kai Truemppler - Andrea Barbanti - Maja Mrdak - Christopher McDougall</b>
16:15 - 16:30	Closing remarks

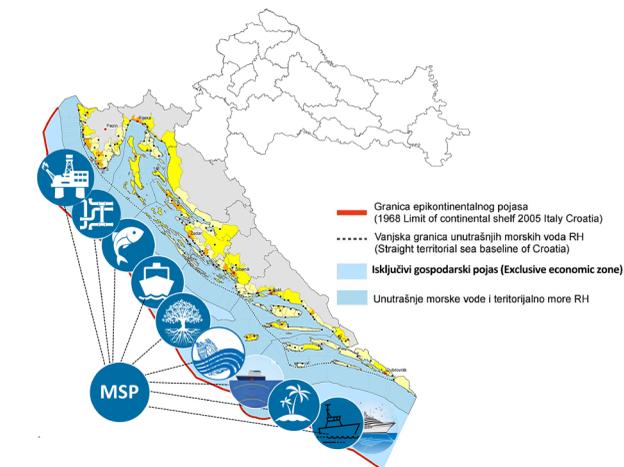
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<https://www.zzpudnz.hr/>

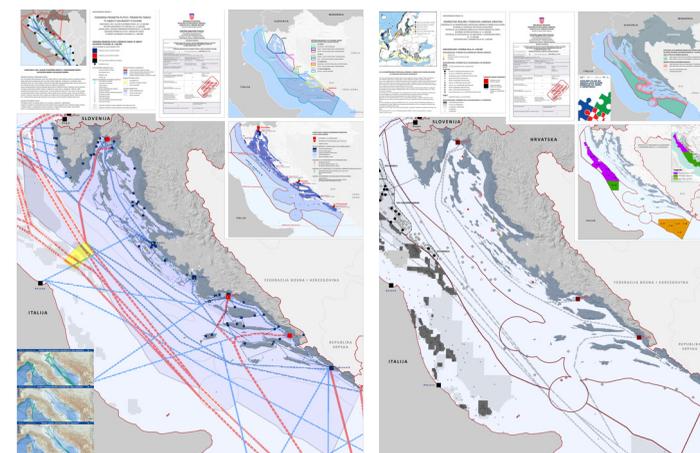
## PHYSICAL PLANNING SYSTEM IN CROATIA - STRUCTURE



## MSP DIRECTIVE BASIC THEMES



## ANALYTICAL EXPERT BASIS FOR THE EEZ SPATIAL PLAN



## CONSTITUTIONAL PROVISION

The sea, coastline, islands, waters, airspace, mineral and other natural resources, as well as land, forests, flora, fauna, and other elements of nature, along with real estate and items of special cultural, historical, economic, and ecological importance, are granted special protection under Croatian law.

## SPATIAL DEVELOPMENT STRATEGY

Croatia's Adriatic coast, stretching 1,880 km, claims the largest portion of its eastern coastline. The entire Croatian sea coastline spans 6,278 km, with the islands' coastlines comprising 4,398 km, which is 70% of the total sea coast.

An integrated approach to planning and managing the marine area is essential due to the growing demand for marine area, such as: energy production from renewable sources, oil and gas exploration and exploitation, raw material extraction, tourism, mariculture, and maritime and fishing activities. These diverse uses exert multiple pressures on coastal resources. Concurrently, the utilization of this space must foster the growth of maritime economies, the development of marine areas, and the sustainable use of marine resources, all while preserving the ecosystem, biological diversity, and underwater cultural heritage.

## EEZ SPATIAL PLAN - DECISION ON DEVELOPMENT (OG 2/24)

The spatial plan for the exclusive economic zone (EEZ) of the Republic of Croatia in the Adriatic Sea is a state-level spatial plan for areas with special features, encompassing the EEZ of the Republic of Croatia, and is ratified by the Croatian Parliament. The Ministry of Spatial Planning, Construction and State Assets, specifically the Directorate for Spatial Planning and Permits on State Level, holds the authority to prepare the document. The Institute for Spatial Development, under the same ministry, is the expert entity responsible for drafting the plan.

The plan's development is mandated by Article 49a and Article 68 of the Spatial Planning Act (OG numbers 153/13, 65/17, 114/18, 39/19, 98/19, 67/23). In line with nature and environmental protection regulations, procedures for strategic environmental impact assessment and main acceptance assessment for the ecological network are to be conducted.

In preparation, the analytical expert basis was conducted to aid in developing the Spatial Plan for the EEZ, undertaken by the Institute for Spatial Planning of Dubrovnik-Neretva County in 2023.

## MSP DIRECTIVE IMPLEMENTATION WORKING GROUP

By the decision of the Minister of Spatial Planning, Construction, and State Assets, a cross-sectoral working group has been formed. The primary objective of this group is to coordinate and monitor the implementation of Directive 2014/89/EU and to ensure proper data and information exchange.

REPUBLIKA HRVATSKA  
Ministarstvo prostornoga uređenja,  
građiteljstva i državne imovine

ZAVOD ZA  
PROSTORNO UREĐENJE  
DUBROVAČKO-NERETVANSKE  
ŽUPANIJE

MSP

international conference

MSP IN THE  
REPUBLIC  
OF CROATIA

CONFERENCE ON MSP  
DUBROVNIK

8th May 2024  
Sveučilišni kampus  
Dubrovnik

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## KEYNOTE SPEAKERS



**Bojan Linardić, mag. ing. arch.,** Director of the Institute for Spatial Development, Ministry of Physical Planning, Construction and State Assets  
**Maritime spatial planning in the Republic of Croatia**  
[bojan.linardic@mpgi.hr](mailto:bojan.linardic@mpgi.hr)

Bojan Linardić graduated from the Faculty of Architecture at the University of Zagreb in 2004. He has been a licensed architect since 2008 and has worked on numerous spatial plans, expert studies, and tender programs. He served as a part-time assistant at the Department of Urbanism, Spatial Planning, and Landscape Architecture at the Faculty of Architecture in Zagreb from 2009 to 2014. From 2014 to 2018, he worked as a lecturer in the same department. He has won awards and recognition at various international and national public maritime planning and architectural competitions. Since 2021, he has been the director of the Institute for Spatial Development at the Ministry of Physical Planning, Construction, and State Assets.



**Nikola Dobroslavić,**  
Prefect  
**Welcome speech**

Graduated from the Faculty of Philosophy of the University of Zadar, he is a professor of philosophy and English. During his business career, he was the Director of the Osmine Hotel in Slano in the Municipality of Dubrovačko primorje, then a member of the municipal council, and Mayor of the municipality from 1997 to 2009. Since 2009, he has been the Prefect of the Dubrovnik-Neretva County, since 2013 he has been a member of the Committee of Regions as head of the Croatian delegation, and since 2015 he has been the president of the Adriatic-Ionian Euroregion.



**Dr. Felix Leinemann,**

Head of Unit for Blue Economy Sectors, Aquaculture and Maritime Spatial Planning, DG MARE, Belgium

### Welcome speech

DC. Mr Leinemann holds a PhD from the University of Freiburg, Germany, following law studies in Germany and Italy. He is the Head of Unit for Blue Economy Sectors, Aquaculture and Maritime Spatial Planning in the Directorate General for Maritime Affairs and Fisheries of the European Commission. He and his team promote a sustainable blue economy for the benefit of humanity and the oceans. He has worked for the European Commission since 2003 in various areas including fisheries and maritime policy, maritime, aviation and urban transport, as well as the EU's Galileo global satellite navigation system. From 2012 to 2014, he worked as a transport advisor at the EU Delegation in Washington.



**Maja Marković Kostelac,**

Executive Director of the European Maritime Safety Agency

### Welcome speech

Executive Director since 1 January 2019. She is responsible for the running and development of the Agency under the oversight of the Administrative Board. Starting out as a maritime lawyer, she has since gained long-standing experience in the maritime field in both the public and private sector. Previous to joining EMSA, was State Secretary for Croatia's Ministry of the Sea, Transport and Infrastructure. Her duties entailed developing strategies, policies and legislation in the area of maritime transport, maritime safety, security and environmental protection. She has also held the position of Director of the Croatian Shipowners' Association (Mare Nostrum).



**Branko Bačić,**

Deputy Prime Minister and Minister of Physical Planning, Construction, and State Assets

### Welcome and opening speech

In 1982, he graduated from the Faculty of Geodesy of the University of Zagreb and obtained the title of graduate engineer in geodesy. During his business career, he was the director of the Administration for Cadastre and Geodetic Affairs in Korčula, mayor of Blato municipality, state secretary in the Ministry of the Sea, Tourism, Transport and Development, minister of environmental protection, spatial planning and construction, member of the Croatian Parliament, and since 2023 he holds duty of the Deputy Prime Minister and Minister of Spatial Planning, Construction and State Assets.

## LECTURERS & PANELISTS



**Držislav Dobrinić, mag. ing. arch.,** Head of Sector, Institute for Spatial Development, Ministry of Physical Planning, Construction and State Assets  
**Maritime spatial planning in the Republic of Croatia**  
[drzislav.dobrinić@mpgi.hr](mailto:drzislav.dobrinić@mpgi.hr)

Držislav Dobrinić is a licensed architect and urban planner with extensive experience in spatial planning. He is presently employed at the Institute for Spatial Development under the Ministry of Physical Planning, Construction, and State Assets, which is responsible for implementing Directive 2014/89/EU on the framework for spatial planning of the marine area in the Republic of Croatia. His primary focus is on the Spatial Development Strategy of the Republic of Croatia, state-level spatial plans, including the state spatial development plan and spatial plans for areas with special characteristics. He is also involved in developing the spatial plan for the Exclusive Economic Zone (EEZ), pilot projects, expert analytical bases for spatial plans, and the methodology for creating these plans.



**Lidija Škec, mag. ing. arch.** Head of Service, Institute for Spatial Development, Ministry of Physical Planning, Construction and State Assets  
**Maritime spatial planning in the Republic of Croatia**  
[lidija.skec@mpgi.hr](mailto:lidija.skec@mpgi.hr)

Lidija Škec graduated from the Faculty of Architecture at the University of Zagreb in 1997, majoring in spatial planning. Since then, she has been continuously working in the field of spatial planning. From 1997 to 2013, she worked at the Urban Institute of Croatia, and since 2013, she has been working at the Institute for Spatial Development at the Ministry of Physical Planning, Construction, and State Assets (formerly known as the Croatian Institute for Spatial Development). In addition to her professional work in spatial planning, she completed specialist courses in 2011 and 2012 to acquire additional skills and competence in sustainable development, environmental protection, and nature preservation. She is also a member of the Croatian Chamber of Architects.



**Christopher McDougall, MSc, BSc, CSci, CMarSci,** Project Leader, MSP Assistance Mechanism & European Blue Forum  
**EU MSP Platform – A support mechanism for MSP Practitioners**  
[info@maritime-spatial-planning.ec.europa.eu](mailto:info@maritime-spatial-planning.ec.europa.eu)

Christopher McDougall is the team's Project Leader. Most recently he has been working as Principal Technical Advisor and Mid Term Reviewer for a GBP 23 million UK government program to support small island developing states in developing their maritime economies. He has worked as Team Leader of a team of environmental experts undertaking an initial environmental baseline assessment for the development of St. Lucia's airport. He has also worked for several years as Project Lead for the Facility for EuroMed dialogue and exchange of best practices for Integrated Maritime Policy / Blue Economy, where he oversaw technical inputs and assured deliverables. He has a long track record in environmental impact assessment and Integrated Coastal and Marine Spatial Planning.



**Marina Oreb, MSc, mag. ing. arch.,** Director of the Physical Planning Institute, Dubrovnik-Neretva County

### Expert analysis of the Spatial Plan of the Croatian EEZ in the Adriatic

[marina.oreb@zppudnz.hr](mailto:marina.oreb@zppudnz.hr)

Marina Oreb serves as Head of the Planning Institute of Dubrovnik-Neretva County in Croatia. As such, she is a pioneer fighting for the protection and preservation of the entire cultural heritage at the regional level and for the inclusion of the protection of cultural landscapes in special planning documentation. The Institute was the first to introduce HIA as a heritage protection instrument in the Republic of Croatia, and she continues to work on promoting the HIA as a necessary tool for assessing the impact of cultural heritage, harmonization of legal regulations in the field of cultural heritage, environmental protection and physical planning. She is member of the board of Croatian Chamber of Architects – HKA.



**Snježana Dominković Alavanja, MSc,** Senior expert advisor, Directorate of Water Management and Sea Protection, Ministry of Economy and Sustainable Development

### Protection of the marine environment

[snjezana.dominkovic.alavanja@mingor.hr](mailto:snjezana.dominkovic.alavanja@mingor.hr)

Snježana Dominković Alavanja holds a master's in geological engineering and applied geophysics. She is employed at the Ministry of Economy and Sustainable Development, focusing on tasks related to marine environment protection. Her responsibilities include managing marine environment data and information, as well as establishing legislative and institutional frameworks for sea and coastal protection mechanisms under the Marine Strategy Framework Directive (MSFD) and the Barcelona Convention Protocol. She engages in sustainable development and climate change adaptation in coastal areas as the National Contact Point for the UNEP/MAP Priority Action Program/Regional Activity Center (PAP/RAC).



**Gabrijela Šestani**

Head of sector, Institute for Nature and Environment Protection, Ministry of Economy and Sustainable Development

### Mapping of marine areas and protected marine areas

[gabrijela.sestani@mingor.hr](mailto:gabrijela.sestani@mingor.hr)

Gabrijela Šestani works at the Institute for Environmental and Nature Protection of the Ministry of Economy and Sustainable Development, where she has been leading the Nature Sector for the last four years. She graduated in biology from the Faculty of Science of the Faculty of Economics and Technology twenty years ago, and from the very beginning she has been professionally oriented through various aspects of nature protection, from protected areas and adaptive management, evaluation of areas for new protection, coordination and preparation of expert documents for spatial plans of areas of special characteristics, to strategic contribution to strategies and development documents of other sectors - first through work in the State Institute for Nature Protection, later in the Croatian Agency for Nature Protection and today in the Ministry.



**Renata Glunčić,** senior associate for the preparation and implementation of EU projects, Regional Development Agency - DUNEa, Dubrovnik-Neretva County  
**Good practices in marine waste management (project examples)**  
[rgluncic@dunea.hr](mailto:rgluncic@dunea.hr)

Renata Glunčić holds a master's degree in Mariculture Engineering. She has worked for over a decade at the Regional Development Agency of Dubrovnik-Neretva County - DUNEa, focusing on regional development initiatives. Her project portfolio includes interregional and cross-border projects for revitalizing protected cultural heritage, conserving underwater heritage, and promoting thematic tourism through EU programs, as well as preparing and implementing projects under national calls through operational programs. Professionally a biologist, her emphasis is on projects that aim to reduce marine waste and manage microplastics in the water column.



**Marijan Krpan, MSc,** President of the Management Board, Hydrocarbons Agency

### Exploration and exploitation of hydrocarbons in the Adriatic Sea

[marijan.krpan@azu.hr](mailto:marijan.krpan@azu.hr)

Marijan Krpan is a leading Croatian expert in oil and gas exploration and production with over 30 years of experience in the field. During his two decades working at INA, he collaborated with offices in Syria and Egypt. He gained significant experience in the Croatian-Italian operating company INAgiop for the exploration and production of gas from gas fields in the northern Adriatic. As an expert in the field of exploration and exploitation of hydrocarbons, he was hired by the Spanish energy company Repsol, and in the ministry in charge of energy, he participated in developing regulatory frameworks to achieve an independent and sustainable energy future for Croatia. He currently holds the position of President of the Management Council of the Hydrocarbons Agency.



**Marina Marković, MSc,** program officer  
**MSP within the Barcelona Convention**  
[marina.markovic@paprac.org](mailto:marina.markovic@paprac.org)

Marina Marković holds two master's degrees in Coastal Management. She has experience working with different international organizations. Since 2009, she has joined the PAP/RAC team where she has been involved in different initiatives related to the management of coastal and marine areas in the Mediterranean. In her recent work, she was part of the team developing a methodology for vulnerability/cumulative effect assessments for marine areas, land-sea interactions, and the like. She actively participated in providing technical support to national authorities in developing coastal and marine strategies and plans. Her particular area of work is the Adriatic sub-region. She is involved in many projects and initiatives on MSP, particularly those linking MSP and ICZM.



**Igor Isajlović, PhD,** Senior research associate, Laboratory of Fisheries Science, Institute of Oceanography and Fisheries

### Sustainable fisheries

[igor@zor.hr](mailto:igor@zor.hr)

Igor Isajlović is a specialist in fisheries biology, with expertise in benthic and deep-sea communities. He has in-depth knowledge of population dynamics, stock assessment methods, and the biology of fish, cephalopods, and crustaceans. As a researcher, he has contributed to numerous scientific and monitoring studies relating to demersal resources. He is also the coordinator of several scientific fisheries and biological expeditions, including SOLEMON, MEDITS, UWTV, FRA JABUKA, DeepSea Adriatic, and others. Additionally, he is skilled in using computer modeling methods for spatio-temporal data. He has experience in technical and scientific diving and is proficient in organizing and conducting scientific research and fieldwork in fisheries science.



**Antun Asić, PhD,** Sea captain, associate professor in retirement  
**Maritime traffic within EEZ**  
[antun.asic@gmail.com](mailto:antun.asic@gmail.com)

Antun Asić is a sea captain and doctor of science in the field of maritime science. He has spent most of his career on Atlantska Plovidba Dubrovnik ships, as well as holding management positions in the port authority and teaching at the Maritime Department of the University of Dubrovnik. His academic journey began with a degree in maritime traffic engineering from the Maritime Faculty in Dubrovnik, followed by a doctorate from the Maritime Faculty in Rijeka. He has been involved in several projects related to developing risk models and emergency plans for sudden sea pollution incidents. His contributions to maritime studies are substantial, including a range of publications addressing key issues such as maritime traffic safety, port management, and nautical and cruise tourism.



**Andrea Barbanti, PhD,** Research manager, National Research Council, Institute of Marine Sciences

### Maritime spatial planning in the Republic of Italy

[andrea.barbanti@ismar.cnr.it](mailto:andrea.barbanti@ismar.cnr.it)

Andrea Barbanti is a Research Manager at CNR-ISMAR with a background in coastal oceanography and environmental geochemistry. He holds a PhD in Earth Sciences and has over 30 years of experience working at the intersection of science, marine engineering, and policy-making. His current focus is on promoting the Sustainable Blue Economy in the Mediterranean basin through research initiatives and projects related to Maritime Spatial Planning (MSP). He has coordinated or been involved in several National and European MSP projects since 2012 and is presently co-coordinating a team of experts to support the Italian MSP Competent Authority in the preparation of national MSP Plans.



**Dr. Kai Tuempler,** Head of the Spatial Planning Division, German Federal Maritime and Hydrographic Agency

### Maritime spatial planning in the Federal Republic of Germany

[kai.truempler@bsh.de](mailto:kai.truempler@bsh.de)

Kai Truempler is head of the Spatial Planning division in Germany's Federal Maritime and Hydrographic Agency (BSH). The division is responsible for preparing the maritime spatial plan and the offshore site development plan for the German EEZ. Dr. Truempler has been working for the BSH since 2007 in various functions, including as a member of the IMO MEPC (International Maritime Organization, Marine Environment Protection Committee) delegation and as a legal officer. He is co-chair of the HELCOM-VASAB maritime spatial planning working group. He holds a PhD in international law and occasionally publishes on that topic.



**Maja Mrdak, mag.ing.arch.,** Independent consultant, Directorate for Spatial Planning, Ministry of Spatial Planning, Urbanism and State Property, Montenegro  
[maja.mrdak@mdup.gov.me](mailto:maja.mrdak@mdup.gov.me)

### Maritime spatial planning in the Republic of Montenegro

[maja.mrdak@mdup.gov.me](mailto:maja.mrdak@mdup.gov.me)

Maja Mrdak has been involved in numerous architecture and urban planning competitions, including the 25th International Salon of Urbanism in 2016, where her team won the first prize for their conceptual design and urban solution for a marina layout. Since 2021, she has served at the Ministry of Spatial Planning, Urbanism, and State Property, within the Directorate for Spatial Planning and Urban Planning as an independent consultant. She is responsible for the preliminary work in decision-making for planning documents, coordinating tasks throughout the planning document creation process, which involves collaboration with relevant institutions, overseeing the planning document development, and providing guidance on document revisions.



**Vesna Marohnić Kuzmanović, mag.ing.arch.,** moderator  
[mkv@net.hr](mailto:mkv@net.hr)

Vesna Marohnić-Kuzmanović is a licensed architect and urban planner. She is a member of the Croatian Chamber of Architects and has worked for seventeen years in the ministry responsible for spatial planning. During her tenure at the Institute for Spatial Development, she was a part of the expert team and coordinator in developing the Spatial Development Strategy of the Republic of Croatia. As a member of the Steering Committee and Project Group, she was involved in the EU project SUPREME, which aimed to support member states in establishing a system of sustainable spatial development and cross-border cooperation in the eastern part of the Mediterranean.