



PROYECTO COFINANCIADO
POR LA UNIÓN EUROPEA
Investigación
e Innovación



First capacity building on INDIMAR decision support system in the Canary Islands

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1. Introduction

This result is framed within the PLASMAR+ activity 2.3.3. This action aims to train stakeholders in the MSP process (administrations, maritime sector promoters, the research community, NGOs, etc.) in the efficient use of the tools and products developed by PLASMAR+. Demonstrations and training will be provided on how to use the INDIMAR decision support system for ecosystem-based zoning, for the EIA process (incl. maritime activities), and for research on cumulative impacts and ecosystem services. In order to promote data flows within the research communities and administrations, demonstrations of the data infrastructures will be demonstrations of the data infrastructures developed by PLASMAR+, including courses on the implementation of the INSPIRE Directive. INSPIRE Directive. Finally, the utilities that OEM platforms offer to stakeholders will be showcased. Training events will be announced in Action 4 - communication.

2. Hands-on session on INDIMAR.

2.1. Objective.

The objective of this practical session is the dissemination of the use of this tool developed during the PLASMAR and PLASMAR+ projects. This practical session has been done during the development of the MapSIS 2022 day so that the dissemination among local agents, project partners and other attendees from different European organizations was guaranteed.

2.2. Place and date.

The session took place on July 7, 2022, in the Atlantic Hall of the Alfredo Kraus Auditorium in the city of Las Palmas de Gran Canaria, and was part of the agenda of the MapSIS¹ conference held in the context of the International Symposium of Marine Sciences (ISMS²).

2.3. Development of the hands-on session.

A total of 21 people from outside IU ECOAQUA attended, from a total of 16 different institutions or companies. The complete list can be found in Annex I

The session began with the showing of a tutorial video³ explaining the functionalities of the tool, as well as the main options. During the viewing of the video, some of the features of the tool were commented and specified. Afterwards, a live resolution of a practical case study (Fig. 1) was proposed to be solved by the participants on their own in the following minutes. Due to logistical and time constraints, the exercise was solved on the fly by the presenters, again explaining

¹ MapSIS 2022. <https://isms-canarias.com/en-msp>

² ISMS 2022. <https://isms-canarias.com/>

³ Video tutorial INDIMAR.

http://www.geoportal.ulpgc.es/indimar/app/docs/Indimar_tutorial_v02.mp4

the main features of the tool and its handling. The session ended with the resolution of questions raised by the participants.

The presenters were Mr. Víctor Cordero Penín and Mr. Alejandro García Mendoza, both members of the IU ECOAQUA. Figures 2 and 3 show moments of the presentation.

Decision Support System - INDIMAR

<http://www.geoportal.ulpgc.es/indimar/app/>

HANDS-ON SESSION Part I

1. Go to the link shown above and choose Canary Island region
2. Set small study area near the coast -> press **Ctrl** and click corners
3. Configure parameters, weights and contributions as follow:
 - a. (GES) Descriptor 1.1 Habitats. Weight: **20**
 All habitats **positive** contribution except:
 - A5.5311 -> **negative**
 -rocky habitats (choose any populated class) -> **neutral**
 - b. (MPA) Natura 2000 by type. Weight: **40** Contribution: **negative**
 - c. (Land Use) Distance to the coast. Weight: **15** Set 2 ranges:
 0-5000m -> **positive** // >5000m -> **negative**
 - d. (Ocean.) Bathymetry. Weight: **15** Set 4 ranges:
 0-20m. -> **banned** // 20-50m-> **positive** // 50-80m-> **neutral** // >80m-> **negative**
 - e. (M Act) Maritime traffic lanes. Weight: **10** Set 2 ranges:
 0-8000 -> **positive** // >8000 -> **neutral**
4. **Map it!**



Figure 1. Exercise proposed for resolution during the practical session.



Figure 2. Presenters during the practical session (i)

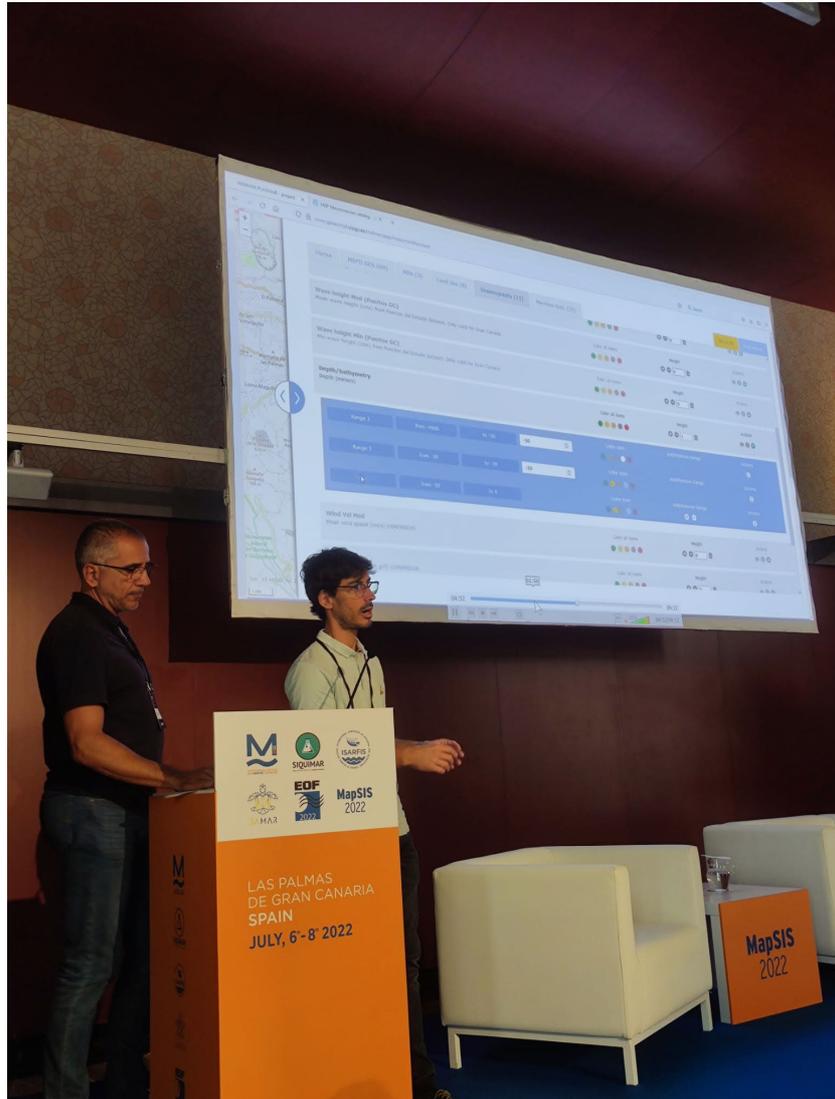


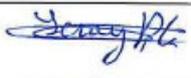
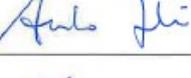
Figure 3. Presenters during the practical session (ii)

ANEXO I. LISTA DE ASISTENTES



PLASMAR+ Decision Support System INDIMAR

Las Palmas de Gran Canaria/ 7th July 2022//13:30-14:15 h
Auditorium Alfredo Kraus

NAME	INSTITUTION	SIGNATURE
YERAY PÉREZ GONZÁLEZ	GMR Canarias	
DENISE OSULLIVAN	MARINE INSTITUTE	
Bárbara Coudeiro	Direcçã Regional do Mar - Madeira	
CHRISTINE BEZIC ALPEÑES	GRAFCAN	
TANIA SANTANA HARRERO	GRAFCAN	
AMEDEO FADDINI	CNR-ISMAR & IUAV University	
STEFANO MENECON	CNR-ISMAR	
MARÍA BAIGSTEROS	CETMAR CINEA	
Detant Anja	European Com.	
Beatriz Fdez Gomez	IOCAR	

NAME	INSTITUTION	SIGNATURE
Pascal DERYCKE	Maine-Analyst	
Adeline SOUF	Shom	
Jean-Baptiste SIZANNE	Shom	
LAURA PASQUA PARIENTE	TRASSATEC	
ALEJANDRA CASILLAS DÍAZ	TRAGSATEC	
ANGELA M ^a CASTELLANO SANTANA	CONSEJERÍA TRANSACCIONES ECOLÓGICAS	
Ainam Ameda Gonzalez	GRAFCAU	
Gara Trapero Hernandez	Gobierno Canario Comunidad Autónoma Ecológica	
Inmaculada Herrera Rivera	IU - ECOAQUA, ULPGC	
CANDELARIA CECILIA RUANO	IU - ECOAQUA (ULPGC)	
Joni Kaitaranta	HELCOM	
Andriy Abramic	ULPGC	
Yaira del-Palacios	IU - ECOAQUA ULPGC	
M. Alejandro García Mendoza	IU ECOAQUA	