MedOpen Training Course on Land-Cover Change Indicator

The hybrid training course on calculating the IMAP Candidate Common Indicator 25 "Land Cover Change is part of the Child Project 2.1, "Mediterranean Coastal Zones: Water Security, Climate Resilience, and Habitat Protection," funded by the GEF-UNEP MedProgramme.

Schedule: 15 - 29 October 2024

What is IMAP?

IMAP, which stands for **Integrated Monitoring and Assessment Programme of the Mediterranean Sea and Coast and Related Assessment Criteria**, is a comprehensive initiative designed to quantitatively evaluate the environmental state of the Mediterranean Sea and its coastal areas.

Through this programme, the 21 Mediterranean countries monitor a range of parameters harmoniously, including water quality, biodiversity, pollution levels, and habitat degradation. By analysing this data over time, IMAP can identify trends in environmental conditions, providing policymakers and relevant stakeholders with a better understanding of the dynamics of environmental change. This helps them make informed decisions regarding environmental management, conservation efforts, and policy development.

Candidate Common Indicator (CI) 25

The Candidate Common Indicator 25 measures land cover change. Its purpose is to support the balanced allocation of land use, protect open coastal areas, secure setback zones, prevent urban sprawl, limit the linear extension of development and transport infrastructure along the coast, and preserve ecosystem health. These objectives are crucial for the implementation of the **ICZM Protocol**.

However, since the land cover indicator is still in the testing phase, PAP/RAC is organizing the MedOpen training course to enable GIS experts from national and regional institutions to calculate the indicator consistently across the Mediterranean.

MedOpen training course

The training course will be conducted using the MedOpen virtual platform. Participants will have access to a variety of learning materials that they can study at their own pace. The programme will also include interactive training sessions where specific topics related to calculating land cover change will be discussed.

The key objectives of the course are to help participants understand the usefulness of calculating CI 25, to present and discuss the process of calculating the indicator, to understand results visualization, quality control, and validation, and to discuss the potential of the results for coastal planning and management. Furthermore, the course will provide an opportunity to share lessons learned from experiences of good practices across the Mediterranean region.

Course structure

The course, which will be conducted both in English and French, will include **three (3) half-day live sessions and eight (8) online lessons.**

Upon successful completion of the course, participants will be able to take several tests and receive a MedOpen diploma.

For more information about the training, please get in touch by emailing **veronique.evers@paprac.org**

med PROGRAMME | 2.1 Mediterranean Coastal Zones Climate Resilience Water Security and Habitat Protection | gef | UN environment programme | Mediterranean Action Plan Barcelona Convention | PAP/RAC

AGENDA

15 October 2024

10:00 - 10:10	**Welcome** PAP/RAC Director
10:10 - 10:40	**Presentation of the MedProgramme and the main objectives of the training course** Daria Povh, PAP/RAC
10:40 - 11:10	**Presentation of the Integrated Monitoring Assessment Program (IMAP) and the Common Candidate Indicator 25** Marko Prem, PAP/RAC
11:10 - 11:30	**Exploring MedOpen: How platform & self-learning modules work?** Véronique Evers, PAP/RAC
11:30 - 11:40	**Presentation of the MedOpen advanced course: Common speakers** Véronique Evers, PAP/RAC
11:40 - 12:30	**Q&A session**

SELF-LEARNING MODULES: MedOpen Lectures 1-7

15 - 22 October 2024

INTRODUCTION TO THE PRACTICAL SESSION

22 October 2024

10:00 - 10:10	**Welcome and introduction to the session** Véronique Evers, PAP/RAC
10:10 - 10:40	**Q&A session on self-learning modules – participant feedback** Martina Baučić, GIS-DSS Lab - FCEAG
10:40 - 11:10	**Practical exercise - part 1: Project area, data and pre-processing** Frane Gilić/Antonio Morić Špánić, GIS-DSS Lab - FCEAG
11:10 - 11:40	**Practical exercise - part 2: GIS analysis, CCI25 calculation and presentation of results** Frane Gilić/Antonio Morić Špánić, GIS-DSS Lab - FCEAG
11:40 - 12:00	**Q&A session**

SELF-LEARNING MODULES: : MedOpen Lecture 8 – practical assignments

22 - 29 October 2024

WORKSHOP CLOSURE

29 October 2024

10:00 - 10:10	**Welcome and introduction to the session** Véronique Evers, PAP/RAC
10:10 - 10:40	**Q&A session on the practical assignments – participant feedback** Frane Gilić/Antonio Morić Špánić, GIS-DSS Lab - FCEAG
10:40 - 11:10	**Summary of the course results** Martina Baučić , GIS-DSS Lab - FCEAG
11:10 - 11:40	**Discussion: Challenges of using open source data** Moderation by Martina Baučić , GIS-DSS Lab - FCEAG
11:40 - 12:00	**Wrap-up and closure** Véronique Evers, PAP/RAC

About the Project

The Mediterranean Sea Programme (MedProgramme), funded by the Global Environment Facility (GEF) and launched in 2020, is dedicated to “Enhancing Environmental Security” across ten countries: Albania, Algeria, Bosnia and Herzegovina, Egypt, Lebanon, Libya, Montenegro, Morocco, Tunisia, and Turkey. Led by the UNEP/Mediterranean Action Plan (MAP) with support from UNEP and the European Bank for Reconstruction and Development (EBRD), the MedProgramme aims to alleviate major transboundary environmental stresses in coastal regions while bolstering climate resilience, ensuring water security, and enhancing the well-being of coastal communities.