

Climagine : a participatory approach to allow discussions between stakeholders regarding adaptation to Climate Change at local level

What is ClimVar project?

The "Integration of climate variability and change into national strategies to implement the ICZM Protocol in the Mediterranean" project ("ClimVar & ICZM") is a collective effort to promote the use of Integrated Coastal Zone Management (ICZM) in countries sharing the Mediterranean as an effective tool to deal with the impacts of climate variability and change in coastal zones, by mainstreaming them into the ICZM process.

In-depth analysis of climate variability impacts at local level

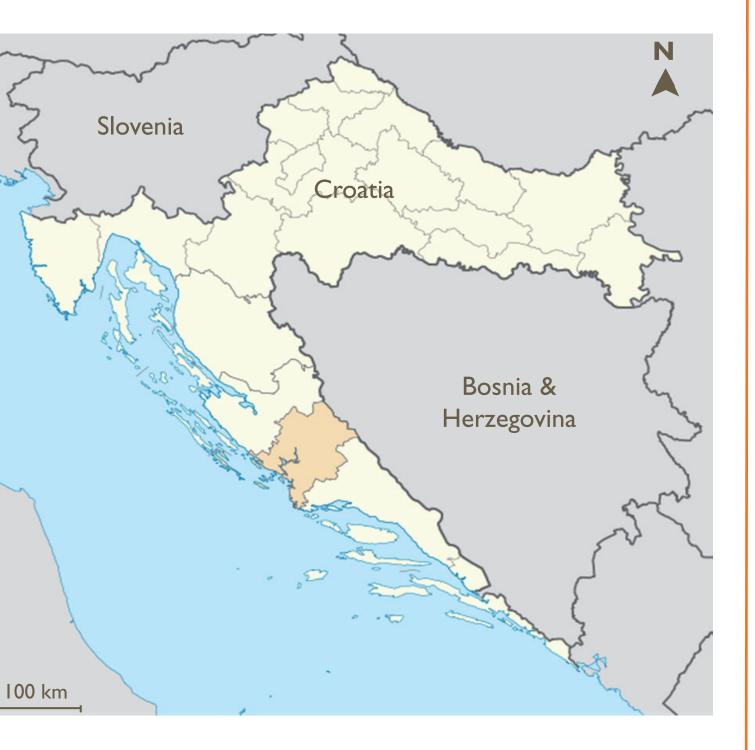
Implementation of models and a participatory process (Climagine) to assess environmental and socioeconomic impacts and evaluate response options in two coastal areas. These two demonstration pilot cases were selected because of their vulnerability to climate change, ecological richness and availability of environmental and socio-economic data.

Demonstration pilot case in Croatia: Sibenik-Knin County

Demonstration pilot case in Tunisia: Kerkennah Archipelago

The aim of the "Climagine" process was to contribute to the drafting and creation of the ICZM plan by putting a special focus on the climate variability and change.





Objectives

- Updating of the IZCM plan for Kerkennah Archipelago including climate change impacts.
- Focus on the main services provided by ecosystems and economic sectors of the archipelago.

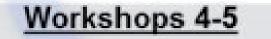




Climagine process

Workshop 1

- Understand the context: territorial diagnosis > Draw "Rich Pictures" to identify priority issues on the coastal zone
- Prioritise the issues
- Identify institutions and collect data



- Explore future through scenarios and diagram (Amoeba) Present and discuss the results,
- Elaborate recommendations

Workshop 3 > Define the indicator's band of equilibrium Define the scenario assumptions

- Workshop 2 Use matrix to rank issues and indicators
- Select a final core set

Workshop 1

Understand the context: territorial diagnosis Draw "Rich Pictures" to identify priority issues on the coastal zone Prioritise the issues Identify institutions and collect data

Workshop 3

- Explore solutions for a sustainable future in the five socio-economic sectors identified
- Present and discuss the results
- Elaborate recommendations

Workshop 2

- Working groups sessions > following the "servicesthreats-solutions" approach
- In five sectors: water, agriculture, fisheries, infrastructure, tourism

and setting the priorities for a local ICZM action plan



and setting the priorities to update the local ICZM action plan



Main results

- The Integrated Coastal Zone Management plan of the Šibenik-Knin County will certainly draw upon Climagine process' results.
- 15 sustainable indicators, baseline data and I diagramme presenting trends for the County (2030).
- 5 reports available.



- The 14 recommendations for priority actions resulting from the analysis "Services - Threats - Solutions", combining analytical reading and stakeholders' consultations, need to be presented to the highest political level in Tunisia.
- - A cartographic servor with 58 layers available: http://kerkennah.grid.unep.ch/
- 4 reports and Isynthesis available.

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