

MedECC structure



MedECC coordinators

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MedECC Secretariat

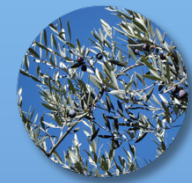
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Supporting institutions



Towards an improved scientific assessment of climate and environmental change in the Mediterranean Basin

The Secretariat of the Union for the Mediterranean, in cooperation with Plan Bleu (UNEP/MAP Regional Activity Center), supports the MedECC scientific assessment of the climate and environmental change impacts on the Mediterranean basin.

MedECC contributes to the implementation of the Mediterranean Strategy for Sustainable Development (MSSD) 2016-2025 of the MAP-Barcelona Convention system.

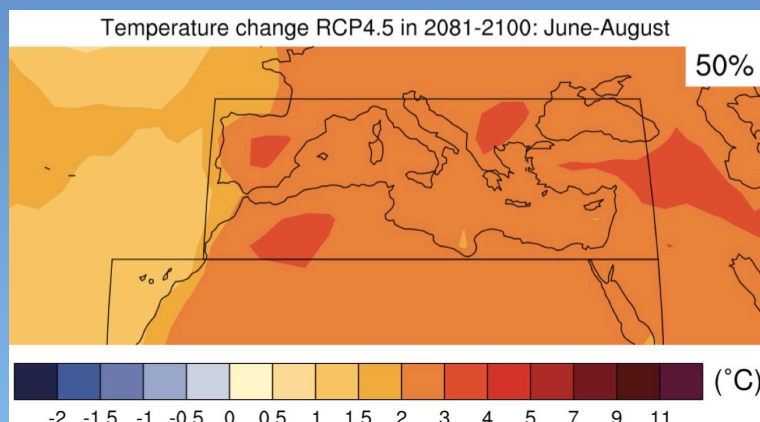


Background and objectives of MedECC

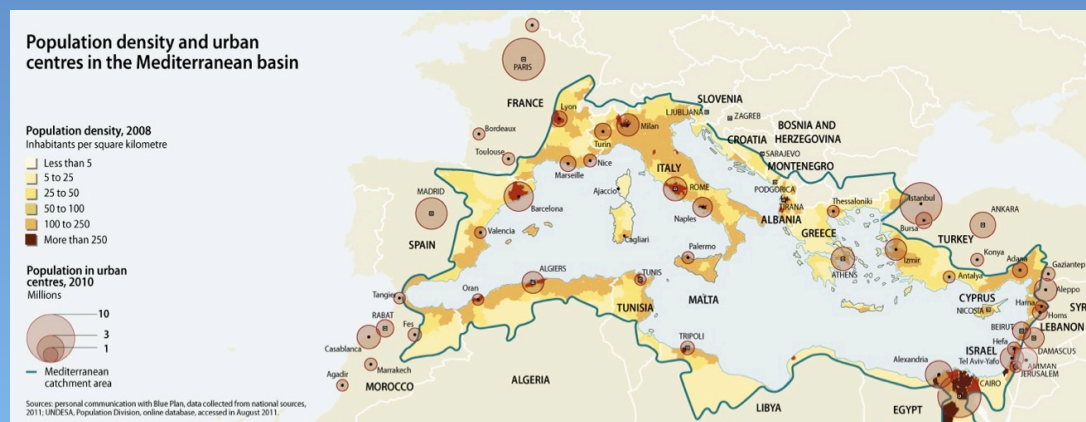
The people living in the Mediterranean Basin face unprecedented challenges for their well-being due to accelerating changes in their environment, including climate change, land use change and urbanization, pollution, sea-level rise and loss of biodiversity. Despite many scientific studies, no coherent synthesis and assessment of risks has been undertaken so far. MedECC is an open and independent network of more than 400 scientists. Its objective is to gather, update and consolidate the best scientific knowledge about climate and environmental changes in the Mediterranean basin and render it accessible to policy-makers, key stakeholders and citizens. Through its reports, developed with key stakeholders, MedECC has the ambition to contribute to the improvement of sustainability policies in the entire Mediterranean Basin.

First MedECC report

The publication of the first MedECC report on the current state and risks of climate and environmental changes in the Mediterranean is planned for the beginning of 2020. This report will assess drivers of climate and other environmental changes, associated challenges for key sectors, focusing on water, food, energy, ecosystems and ecosystem services, development, health and human security. Best practices for adaptation and mitigation for enhanced resilience will also be presented. The outline of the report was drafted by a large number of experts in 2017. The Summary for Policymakers of the report will be presented for discussion and approval by the governments.



Temperature change in 2081–2100 vs 1986–2005 on the basis of the RCP4.5 scenario (median) (IPCC, 2013: Annex I: Atlas of Global and Regional Climate Projections In: Climate Change 2013: The Physical Science Basis).



Population density and population in urban centers in the Mediterranean basin (based on UNEP/MAP, 2012, State of the Mediterranean Marine and Coastal Environment, Athens, Greece).