

MedECC structure



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Supporting institutions



Union for the Mediterranean
Union pour la Méditerranée
الإتحاد من أجل المتوسط



Sweden
Sverige



UN
environment
United Nations
Environment Programme



MAP
Mediterranean Action Plan
Barcelona Convention



Plan
Bleu



ADEME
Agence de l'Environnement
et de la Maîtrise de l'Énergie



acterra
ENVIRONMENT
CLIMATE CHANGE



air



IRD
Institut de recherche
pour le développement



MISTRALS



MED
LABEX



Aix-Marseille
université



Gouvernement Princier
PRINCIPAUTÉ DE MONACO



MÉTROPOLE
AIX-MARSEILLE
PROVENCE



PAYS D'AIX



Generalitat de Catalunya
Consell Assessor
per al Desenvolupament Sostenible



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.

MedECC

Mediterranean Experts on Climate
and environmental Change



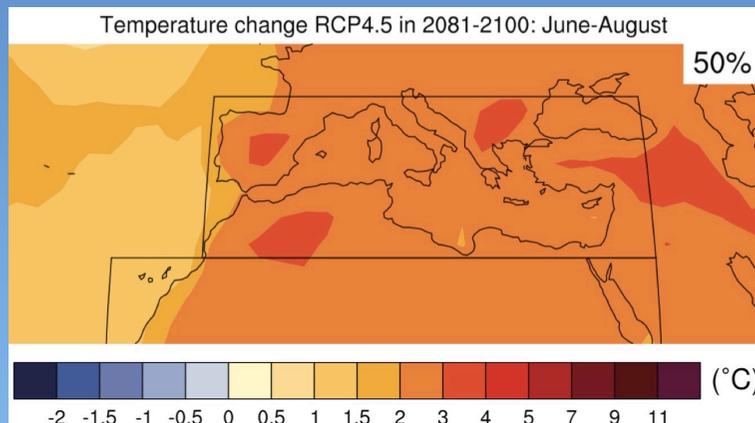
Background and objectives of MedECC

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.

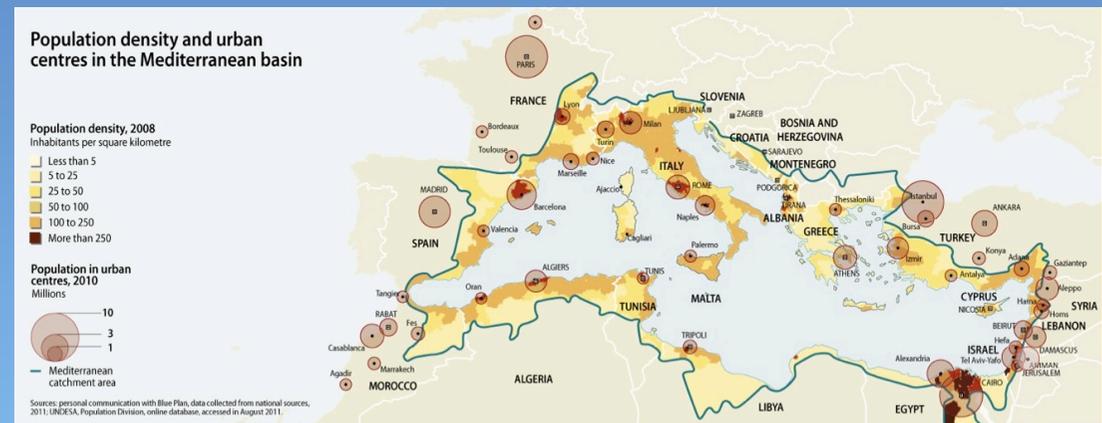


First MedECC report

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).