

Fighting climate change

Regional Climate Change workshop: assessing impacts in the Mediterranean and Middle East

31st January 2024 – 5:00 pm - 6:30 pm

Italian Pavillion - Expo Doha 2023 - Qatar

ICE, with the scientific collaboration of ENEA, organizes an event to discuss with local expert, researchers, scientists and institutions about the impacts of climate change in the Mediterranean and Middle East, to share common interests, solutions, ideas and develop future cooperation projects to fight climate change. On the occasion of the event, ENEA will present the activities about the development of numerical regional climate models at high resolution and climate services, to support strategic decisions and the implementation of good practices in relevant socio-economic sectors. The Agency studies climate changes through the use of numerical models based on the mathematical description of the atmosphere, hydrosphere, cryosphere, biosphere and their mutual interactions. Through ENEA observatories – the Marine Research Centre of Santa Teresa (La Spezia, Liguria), the Lampedusa Research Laboratory (Agrigento, Sicily), the Thule High Arctic Atmospheric Observatory (Greenland, Arctic) and the Italian Antarctic Meteorological Observatory in Antarctica, ENEA offers to the international scientific community high resolution data from atmosphere, ocean and ecosystems. A particular focus will be given to S. Teresa Marine Center, part of EU Research Infrastructures and Networks, that is engaged on underwater observations in coastal environment and responses of marine calcifying ecosystems.

Agenda

5:00 pm - Introduction - Marco Sargenti – ICE

"Atmosphere, ocean and ecosystems: from models to observations, to assess climate change impacts in Mediterranean sea and polar regions"

Gianmaria Sannino, ENEA - Head of "Models and Technologies for disaster risks reduction" Division

Video "Lampedusa, Europe "lighthouse" on climate change"

Giandomenico Pace, ENEA - Head of Observations and Measurements for Environment and Climate Laboratory

Chiara Lombardi, ENEA - Biodiversity and Ecosystem Services Laboratory

Radhouane Ben-Hamadou, Qatar University

6:30 pm - Closing remarks – Q&A