

MedCLIVAR: Mediterranean Climate Variability. A project for coordinating and promoting the study of Mediterranean Climate

Piero Lionello[†]; Annalisa Tanzarella

[†] University of Salento, Italy

Leading author: piero.lionello@unisalento.it

The MedCLIVAR (Mediterranean Climate Variability and Predictability) project, had as main purposes of research activities the reconstruction of Mediterranean climate past evolution, description of patterns and mechanisms characterizing its space-time variability, identification of the forcing parameters responsible for the observed changes, assessment of the possible feedbacks of the Mediterranean dynamics on the global climate system, identification of the environmental and climatic effects caused by the strong anthropogenic influence at regional scale to which the Mediterranean region has been exposed since ancient time due to heavy demographic pressure, and availability of scientific information and data on regional climate variability, trends and changes to public opinion, authorities and stakeholders in the Mediterranean countries. The programme included the organization of workshops, schools, a scientist exchange program and dissemination of scientific information, putting together all expertises in different research sectors and creating a forum where to interchange the results.