



The MedCLIVAR program and the climate of the Mediterranean region

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MedCLIVAR has become an independent platform for scientific discussion, the exchange of information and the coordination of activities across scientific groups around the Mediterranean. The scientific objects of the programme include past climate variability, connections between the Mediterranean and global climate, the Mediterranean Sea circulation and sea level, feedbacks on the global climate system, and the regional responses to greenhouse gas, air pollution, and aerosols. A strength of the MedCLIVAR programme is the development of a multi-disciplinary vision of the evolution of Mediterranean climate, which includes atmospheric, marine and terrestrial components at multiple time scales, covering the range from paleo-reconstructions to future climate scenarios. MedCLIVAR has promoted scientific dissemination with many publications and by producing two books, which review the climate-related knowledge of the Mediterranean basin, one published at the beginning of the project and the second just recently finalized. Over these years, MedCLIVAR (www.medclivar.eu) has held 6 workshops and 2 schools, assigned 31 young scientist exchange grants and 7 senior scientist short visits, sponsored or co-sponsored 11 scientific meetings and organized annual sessions during the European Geophysical Union general assembly. A systematic archive of observations and model data simulations on the Mediterranean Climate, in order to both share data across the scientific community and ensure the data availability for 10 years, is presently being organized at the WDCC (<http://cera-www.dkrz.de/CERA/MedCLIVAR.html>)