RESEARCH CONFERENCES

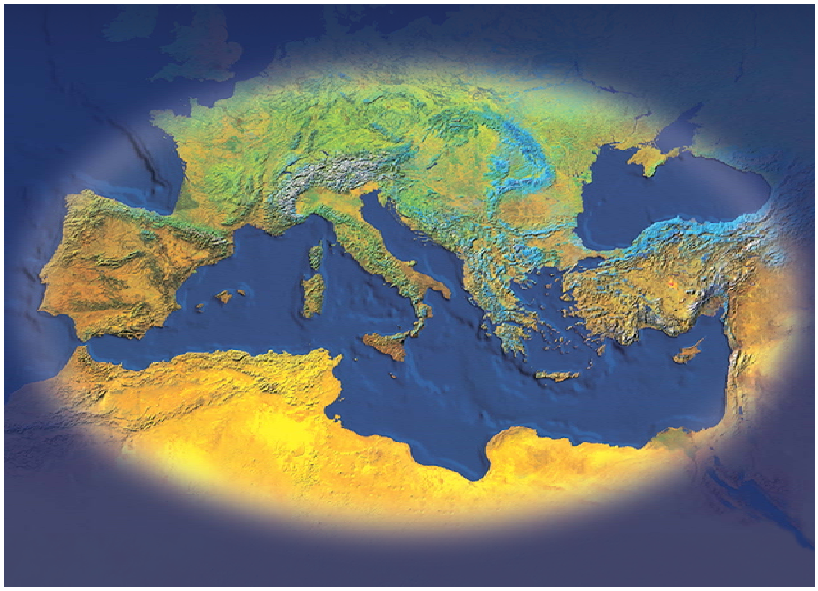
ESF Conference in partnership with MedCLIVAR

MedCLIVAR Final Conference - Mediterranean Climate: From Past to Future

Lecce, Italy

6-9 June 2011

Organising Committee: **Piero Lionello** - University of Salento, IT; **Uwe Ulbrich** - Freie Universität Berlin, DE; **Jürg Luterbacher** - Justus Liebig University Giessen, DE; **Mikis Tsimplis** - NOCS, UK & **Pinhas Alpert** - Tel-Aviv University, IL



MedCLIVAR (Mediterranean Climate Variability and Predictability - www.medclivar.eu) is an international programme, sponsored by the European Science Foundation and endorsed by CLIVAR, which aims at coordinating and promoting the study of the Mediterranean climate. The peculiar geographical location and the topographical features of the Mediterranean area makes it a region which is very sensible to global climate change. The vulnerability of Mediterranean environment and societies requires a consolidated knowledge of climate processes and evolution at regional scale. The main goals of MedCLIVAR include reconstruction of Mediterranean climate past evolution, description of patterns and mechanisms characterizing its space-time variability, understanding of regional climate dynamics and identification of the forcing responsible for observed and future changes. The networking activities of MedCLIVAR put together expertise in different research sectors and create a forum where to interchange the results and facilitate synergy.

Objectives of the conference are:to discuss the "state of the art" on the Mediterranean climate and analyze its variability and trends; to present the available knowledge on future climate change at regional scale; to provide a basis for the analysis of climate change impacts on Mediterranean environment and societies; to offer a forum for presenting and discussing results of international and national research projects; to identify research hotspots and critical issues; to bring together experts from complementary fields of climate research and favor exchange of information among them; to discuss future targets of climate research in the Mediterranean region.

Support grants will be available for students, postdocs and early stage researchers to cover the conference fee and, possibly, part of the travel costs

Invited Speakers and Talks will include:

• ***Mediterranean climate: relevant and important scientific issues*** / **P. Lionello** - U. Salento, IT & **P. Drobinski** - LMD Jussieu, FR • ***The circulation of the Mediterranean Sea: trends and changes*** / **A. Harzallah** - INSTM, TN & **V. Zervakis** - U. of the Aegean, GR • ***Paleoclimatic evidence from the Mediterranean - Part 1: The last hundred thousands of year - Part 2: The past 2000 years*** / **J. Luterbacher** - Justus Liebig U. Giessen, DE & **F. Abrantes** - INETI, PT • ***Synoptic patterns: climatology and trends*** / **U. Ulbrich** - Freie U. Berlin, DE & **A. Jansà** - AEMET, ES • ***Mediterranean sea level*** / **M. Tsimplis** - NOCS, UK & **D. Gomis** - U. de les Illes Balears, ES • ***Modelling of the Mediterranean climate system*** / **L. Li** - LMD Jussieu, FR & **P. Ruti** - ENEA, IT • ***Aerosols chemistry and climate*** / **F. Dulac** - CEA, FR & **J. Lelieveld -** MPCH Mainz, DE • ***The climate of the Mediterranean region in future climate projections*** / **S. Planton** - Meteo France, FR • ***The Mediterranean climate research: Integrated and national projects*** / **V. Ducrocq** - Meteo France, FR & **S. Gualdi** - INGV, IT • ***Extremes and impact of climate variability and change*** / **M.C. Llasat** - U. Barcelona, ES & **E. Xoplaki** - U. Bern, CH • ***Discussion Panel*** / **V. Artale** - ENEA, IT & **E. Papathanassiou** - Hellenic Centre for Marine Research, GR

Application form & programme available from

www.esf.org/conferences/11349

Closing date for applications: 20 February 2011

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