

# Supporting Drought Policies in Europe

## The XEROCHORE conference on drought science and policies

Marriott Hotel, Brussels  
Ballroom A



*An exercise to assess research needs  
and policy choices in areas of drought*

Tuesday, 23<sup>rd</sup> February 2010

08.30-09.00	<i>Registration and Welcome Coffee</i>
09.00-10.30	<b>Introduction of the Project</b>
09.00-09.15	<b>Welcome Speech and Project introduction</b> Anil Makandya, Fondazione Eni Enrico Mattei, Italy and Basque Centre for Climate Change, Spain
09.15-09.45	<b>Introduction of results from Science - Policy Forum</b> Dionysis Assimacoupoulos, University of Athens, Greece
09.45-10.15	<b>Differentiating Water Scarcity and Drought - A key to proceed in the development of effective drought management practices</b> Jochen Froebrich, Wageningen University and Research Centre, The Netherlands
10.15-10.30	Discussion
10.30-11.00	<i>Coffee Break</i>
11.00-12.30	<b>Session 1: Drought identification/characterization (Natural/Physical System)</b>
11.00-11.15	<b>Physical System: Key Challenges</b> Henny van Lanen, Wageningen University and Research Centre, The Netherlands
11.15-11.30	<b>Evaluation of Hydrologic and Water Resources Response to Meteorological Drought in Thessaly, Greece</b> Athanasios Loukas, University of Thessaly, Greece
11.30-11.45	<b>A catalogue of historical droughts in Europe: a tool for assessing drought characteristics and drought impacts at regional to continental scales</b> Jamie Hannaford, Centre for Ecology and Hydrology (CEH), UK
11.45-12.00	<b>On the spatial characterization of drought events</b> Alexander Osti, University of Adeladie, Australia
12.00-12.15	<b>Forecast potential of precipitation for drought management in central-northern Chile</b> Koen Verbist, University Ghent, Belgium
12.15-12.30	Discussion
12.30-14.00	<i>Lunch Break</i>

## Tuesday, 23<sup>rd</sup> February 2010

14.00-15.30	<b>Thematic session 2: Drought assessment I (Environmental Impacts)</b>
14.00-14.15	<b>Environmental Impacts: Key Challenges</b> Oliver Olsson, WMC - Consulting Engineers, Germany
14.15-14.30	<b>Response of nonnodulating, nodulating and supernodulating soybean (glycine max I.) genotypes to potassium fertilizer under water stress</b> Magdi Tawfik Abdelhamid, National Research Centre, Egypt
14.30-14.45	<b>Drought and Desertification</b> Mike Kirkby, University of Leeds, UK
14.45-15.00	<b>Global drought characteristics, patterns, vulnerabilities and impacts</b> Nishadi Eriyagama, International Water Management Institute (IWMI), Sri Lanka
15.00-15.15	<b>Mitigating Droughts: Global Potential to Raise Rainfed Crop Production</b> Dieter Gerten, Potsdam Institute for Climate Impact Research, Germany
15.15-15.30	Discussion
<i>15.30-16.00</i>	<i>Coffee Break</i>
	<b>Session 3: Drought assessment II (Socio-Economic Impacts)</b>
16.00-16.15	<b>Economic and Social Impacts: Key Challenges</b> Anil Markandya and Jaroslav Mysiak, Fondazione Eni Enrico Mattei, Italy
16.15-16.30	<b>Alleviating the cost of water scarcity events through trading in England and Wales</b> Julien Harou, University College London, UK
16.30-16.45	<b>Expected Impact of Climate Change on Population and Livelihood in Arid and Semi Arid Areas: Case Studies from Palestine</b> Natasha Carmi, Palestinian Hydrology Group, Palestine
16.45-17.00	<b>Bridging science and policy oriented conceptual models for integrated vulnerability assessment of water resources</b> Carlo Giupponi, Fondazione Eni Enrico Mattei, Italy
17.00-17.15	<b>Economic impacts of drought in Spain</b> Alberto Garrido, Technical University of Madrid (UPM), Spain
17.15-17.30	Discussion
17.30-18.00	General Discussion on Drought Identification, Characterization and Assessment
<i>19.00</i>	<i>Social Dinner</i>

**Wednesday, 24<sup>th</sup> February 2010**

09.00-10.30	<b>Session 4: Drought Management</b>
09.00-09.15	<b>Drought management: Guiding principles and Xerochore recommendations</b> Dionysis Assimacopoulos, University of Athens, Greece
09.15-09.30	<b>Drought policy and participative management in the Jucar Basin, Spain</b> Joaquin Andreu, IIAMA, Universidad Politecnica, Spain
09.30-09.45	<b>Improvements on Drought and Water Scarcity Management for Portuguese Drought prone areas</b> Eduardo Vivas, FEUP, Portugal
09.45-10.00	<b>Towards the Development of a Drought Master Plan for Greece</b> Christos Karavitis, Agricultural University of Athens, Greece
10.00-10.15	<b>European Perspectives on Drought Preparedness and Management: the Italian Experience and Proposed Planning Tools</b> Giuseppe Rossi, University of Catania, Italy
10.15-10.30	Discussion
10.30-11.00	<i>Coffee Break</i>
	<b>Session 5: Drought Policies</b>
11.00-11.15	<b>Drought policy, key challenges of the Xerochore project</b> Thierry Davy, Fondazione Eni Enrico Mattei, Italy and French Water Agencies, France
11.15-11.30	<b>Managing Water Scarcity in a Transboundary Basin: The Nile Basin Decision Support System</b> Michael Butts, DHI, Denmark
11.30-11.45	<b>Responses of the Regional Water Organizations to Drought: Lessons Learned and Future Vision</b> Saeed Morid, Tarbiat Modares University, Iran
11.45-12.00	<b>Towards adaptation measures for current and future water scarcity in the Netherlands</b> Judith Ter Maat, Deltares, The Netherlands
12.00-12.15	<b>Drought Policy in the Bulgaria - Key Challenges to Hydrology</b> Snezhana Dakova, National Institute of Meteorology and Hydrology, Bulgaria
12.15-12.30	Discussion
12.30-14.00	<i>Lunch Break</i>
	<b>Panel Discussion</b>
14.00-14.30	Summary of the Conference
14.30-15.15	Discussion & Feedback on Background and Guidance Documents
15.15-15.45	Drought management policies - Needs and opportunities
15.45-16.00	European Drought Centre Introduction & Extension (Lena Tallaksen)
	<b>End of the Conference</b>
16.00-16.30	<i>Coffee Break</i>

## Wednesday, 24<sup>th</sup> February 2010

16.30-18.00	<b>Meeting of the XEROCHORE External Advisory Board</b>
	EAB Feedback
	Summary from EAB
	Discussions & Conclusions / Finalising tasks
<i>19.00</i>	<i>Dinner</i>