



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

roadmap to european drought policy

Natural / Physical system

- Forecasting climate drivers and drought propagation
- Monitoring and spatial-temporal characterization of drought
- Environmental pressures aggravating the effects of droughts
- Detection of drought and attribution to causes



Environmental impacts

- Combined effects of droughts on water and soil quality
- Impacts on ecosystem processes
- Alteration of ecological functions, aggravated by future climate change



Socio-economic impacts

- Economic and social effects, direct and higher order ones
- Resilience and vulnerability to drought
- Water demand and supply management



Integrated drought management

- Preparedness, through drought management plans & early warning systems
- Mitigation actions (prior and during drought)
- Drought recovery



XEROCHORE An exercise to assess research needs and policy choices in the areas of drought.

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1st May 2008 / 30th April 2010

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Responsible Official:
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Type of R&D:
Specific support action

Programme:
7th Framework Programme Environment Theme

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Participating countries/institutes:

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Wageningen Universiteit (WU) (supported by Alterra), The Netherlands

Water Management Center GbR (WMC), Germany

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Ministero dell'Ambiente, della Tutela del Territorio e del Mare (MATTM), Italy

Ministerio de Medio Ambiente (MMA), Spain

Natural Environment Research Council (NERC), UK

National Technical University of Athens (NTUA), Greece

DG Joint Research Centre, European Commission (JRC), EU

Centre National du Machinisme Agricole, du Genie Rural, des eaux et des Forets (CEMAGREF), France

The International Union for Conservation of Nature and Natural Resources (IUCN), NGO