Fostering European Drought Research and Science-Policy Interfacing

Fact Sheet

Project Information

DROUGHT-R&SPI
Grant agreement ID: 282769
Project website
Status
Closed project
Start date
1 October 2011
End date
31 March 2015

Funded under
FP7-ENVIRONMENT
Overall budget
€ 4 191 890,80
EU contribution
€ 3 439 950

Coordinated by
WAGENINGEN UNIVERSITY
Netherlands

This project is featured in...

RESEARCH*EU MAGAZINE
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NO. 53, JUNE 2016

Objective

The project will reduce future Europe’s vulnerability and risk to drought by innovative in-depth studies that combine drought investigations in six case study areas in water-
stressed regions (river basin and national scale) with drought analyses at the pan-European scale. Knowledge transfer across these scales is paramount because vulnerability is context-specific (e.g. physical, environmental, socio-economic, cultural, legal, institutional), which requires analyses on detailed scales, whereas international policies and drought-generating climate drivers and land surface processes are operating on large scales. The project will adopt Science-Policy Interfacing at the various scales, by establishing Case Study Dialogue Fora and a pan-Europe Dialogue Forum, which will ensure that the research will be well integrated into the policy-making from the start of the project onwards. The study will foster a better understanding of past droughts (e.g. underlying processes, occurrences, environmental and socio-economic impacts, past responses), which then will contribute to the assessment of drought hazards and potential vulnerabilities in the 21th C. An innovative methodology for early drought warning at the pan-European scale will be developed, which will improve on the forecasting and a suite of interlinked physical and impact indicators. This will help to increase drought preparedness, and to indentify and implement appropriate Disaster Risk Reduction measures (along the lines of the UN/ISDR HFA). The project will lead through the combined drought studies at different scales to the identification of drought-sensitive regions and sectors across Europe and a more thorough implementation of the EU Water Framework Directive, particularly by further developing of methodologies for Drought Management Plans at different scales (incl. EU level). The work will be linked with the European Drought Centre ensuring that the outcome will be consolidated beyond the project’ lifetime.

Programme(s)

Topic(s)

Call for proposal

FP7-ENV-2011

Funding Scheme

CP-FP - Small or medium-scale focused research project

Coordinator

WAGENINGEN UNIVERSITY
Participants (11)

NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA

Greece

EU contribution
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EIDGENOSSICHEN FORSCHUNGSANSTALT FUR WALD SCHNEE UND LANDSCHAFT

Switzerland

EU contribution

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