



# Drought & Water Deficiency

FROM RESEARCH TO POLICY MAKING

Local organizers:



Dipartimento di Ingegneria Civile  
Dell'Universita' di Messina



PROtezione e GEstione Ambientale

With the contribution



*Presidenza della Regione Sicilia  
Assemblea Regionale Siciliana*



Assessorato Turismo Comunicazione e Trasporti  
Regione Siciliana



Joint Workshop  
**Palermo, Sicily**  
**October 8<sup>th</sup> - 9<sup>th</sup>, 2004**

**Palazzo dei Normanni**  
*Assemblea Regionale Siciliana*

## The Sicily Joint Workshop

The Sicily Joint Workshop "Drought & Water Deficiency: From Research to Policy Making" is jointly organised by the European Commission (DG Research and DG Environment) and France, and is supported by the ARID Cluster.

Following the 2003 drought, the Water Directors have decided to examine the type of action necessary in this field at the European level. The organisation of a workshop consecutively after the ARID Cluster Workshop, organised on October 6<sup>th</sup> and 7<sup>th</sup>, has been decided in the latest meeting of the Water Directors.

The Workshop will be focused on 3 main themes:

- ✍ Drought Definitions and assessment,
- ✍ Crisis Management, and
- ✍ Long Term Planning.

## Friday, October 8<sup>th</sup>

### Introductory & Plenary Session-Chairpersons: E. Vlachos, B. Barraque

- 09.00 - 09.10 Addressing the Conference: President Regione Sicilia (On. S. Cuffaro)  
09.10 - 09.20 Addressing the Conference: President ARS (On. G. Lo Porto)  
09.20 - 09.30 Addressing the Conference: President AMAP and vice President FEDERGASCQUA (Dott. D. Allegra)  
09.30 - 09.50 Addressing the Conference: DG Research (A. Tilche), DG Environment (S. Detoc)  
09.50 - 10.05 Opening Plenary (FR Water Director)  
10.05 - 10.20 Results of the workshop on Mediterranean River Basins (S. Detoc, DG Env)  
10.20 - 10.40 *Coffee break*

### Session 1: Drought Definitions and assessment-Chairpersons: G. Aronica, E. Todini

- 10.40 - 11.00 Hydrological drought, processes and estimation methods for streamflow and groundwater (L. Tallaksen)  
11.00 - 11.20 Drought definitions in drought mitigation (C. Karavitis)  
11.20 - 11.40 How different parts of the UK 'define' drought (G. Watts)  
11.40 - 12.00 Definition and early identification of droughts in Spain: Hydrological Index System (M. Menendez)  
12.00 - 12.20 Towards a European Drought Policy (Euraqua)  
12.20 - 12.40 Ongoing and planned drought activities at the JRC: towards a European Drought Alert System (Stefan Niemeyer & Ad de Roo)  
12.40 - 13.00 Water quality issues in semiarid regions with ephemeral/temporary streams (J. Froebrich)  
13.00 - 13.30 Reflections on Session 1 (Workshop Facilitators)  
13.30 - 15.00 *Lunch*

### Session 2: Crisis Management-Chairpersons: P. Jeffrey, R. Maia

- 15.00 - 15.20 Implications of sustainability in water resources management at catchment scale (E. Todini)  
15.20 - 15.40 A multicriteria approach in drought risk assessment (A. Schumann)  
15.40 - 16.00 How we plan and respond to drought (G. Watts)  
16.00 - 16.20 The droughts emergency plan in Madrid (F. Cubillo)  
16.20 - 16.40 Drought crisis management and organisation in France (C. Grisez and G. Boinel)  
16.40 - 17.00 Managing water emergencies in Sicily (Regional Agency of Water Emergency )  
17.00 - 17.20 *Coffee break*  
17.20 - 17.40 Monitoring water scarcity in Sicily (G. Geraci)  
17.40 - 18.00 Scarcity management in Mediterranean river basin out of EU - Case study (See with DGEEnv)  
18.00 - 18.20 Drought : Water Services Implications (J. Tompkins, D. Gatel)  
18.20 - 18.40 Reflections on Session 2 (Workshop Facilitators)  
21.00 *Gala dinner*

**End of Day 1**

## Saturday, October 9<sup>th</sup>

### Session 3: Long Term Planning - Chairpersons: P. Balabanis, C. Karavitis

- 09.00 - 09.20 Stakeholder involvement in decision-making processes (M. Lange)  
09:20 - 09.40 Developing water management strategies for arid regions (D. Assimacopoulos)  
09:40 - 10.00 The reform needs of CAP to support solving of water (G. Schmidt - WWF)  
10.00 - 10.20 Demand guarantees, environmental requirements and available resources: balance in long term (J. Mora A.-Munoyerro)  
10.20 - 10.40 Long term issues in France, case study of Adour Garonne district (L. Gremy and M. Daubas)  
10.40 - 11.00 *Coffee break*  
11.00 - 11.20 The evolution of water management and strategies in a long-term time horizon (P. Jeffrey)  
11.20 - 11.40 Issues of new pressures for increased abstraction against need to reduce abstraction where it affects Natura 2000 sites (M. Walker)  
11.40 - 12.00 Valuing water in watershed in the absence of market prices (P. Koundouri)  
12.00 - 12.30 New trends in research on water management in water stressed areas (R. Passino)  
12.30 - 13.00 Reflections on Session 3 (Workshop Facilitators)

### Closing Session

- 13.00 - 14.00 Workshop Steering Committee Discussion

### End of Workshop

The role of Workshop Facilitators will be undertaken by Professor Evan Vlachos and Professor Bernard Barraque.

## The place

The Sicily Joint Workshop will be held in the historical centre of Palermo, in the Sala Gialla of the Palazzo dei Normanni, the siege of the Sicilian Regional Assembly.



## Social event

A Gala Dinner will be organized on Friday the 8<sup>th</sup> October at Villa Igiea.

