

PROGRAMME

3 March Wednesday

- 18.00 – 20.00 Registration
20.00 Welcome cocktail

4 March Thursday

- 08.30 – 09.00 Registration
09.00 – 09.30 Opening ceremony
09.30 – 09.45 [Presentation of the agenda and objectives of the Conference.](#)
[D. Gabiña \(IAMZ-CIHEAM, Spain\)](#)
- 09.45 – 13.00 **Session 1. Drought trends and impacts on agricultural production and natural resources in the context of climate change**
[Chair: G. Rossi \(Univ. Catania, Italy\)](#)
- Introductory conference (30')**
09.45 – 10.15. [B. Seguin \(INRA, France\) – Climate change and its impact with a focus on the Mediterranean area](#)
- Oral communications (15' each)**
10.15 – 10.30. [N. Eriyagama \(IWMI, Sri Lanka\) – A global picture of drought occurrence, magnitude and preparedness](#)
10.30 – 10.45. [O. Penalba \(University of Buenos Aires, Argentina\) – Trends and periodicities in the annual amount of dry days over Argentina, looking towards the climatic change](#)
10.45 – 11.00. [S. Rossi \(ECJRC Ispra, Italy\) – Monitoring droughts and impacts on the agricultural production: Examples from Spain](#)
- 11.00 – 11.30. Coffee break and posters viewing**
- 11.30 – 11.45. [K. Gargouri and A. Laajimi \(Institut de l'Olivier and INAT, Tunisia\) – Drought occurrence and its impact on olive production and cereals in Tunisia](#)
11.45 – 12.00. [C. Ayas \(CEO, WWF-Turkey\) – Drought trends and Impacts on agricultural production and natural resources in the context of climate change](#)
12.00 – 12.15. [A. Chafai Elalaoui \(ENA Meknès, Morocco\) – Impact of climate change on water resources in Morocco. The case of Sebou Basin](#)
12.15 – 12.30. [M. Khakbazan \(AAFC, Canada\) – Impacts of extreme weather events, climate change, and crop water relationship for crops grown in western Canada](#)
12.30 – 13.00. **General discussion**
- 13.00 – 14.00 **Lunch**

14.00 – 18.30

Session 2. Methodologies and case studies for the evaluation of the economic impacts of drought and of drought preparedness plans

Chair: [A. Thomas \(INRA, France\)](#)

Introductory conferences (30' each)

14.00 – 14.30. [A. Markandya \(Basque Centre for Climate Change, Spain\)](#) – [The economics costs of droughts](#)

14.30 – 15.00. [J. Morris \(Cranfield University, UK\)](#) – [Towards a framework for the economic assessment of drought risk – An ecosystems approach](#)

Invited case studies (20' each)

15.00 – 15.20. [A. Garrido \(UPM, Spain\)](#) – [Disentangling the social, macro and micro-economic effects of agricultural droughts: An application to Spanish irrigated agriculture](#)

15.20 – 15.40. [A. Reynaud \(INRA, France\)](#) – [Regulating intra-annual agricultural water use under climate and price uncertainty](#)

15.40 – 16.00. [I. Dellal \(Ankara University, Turkey\)](#) – [The economic impacts of drought on agriculture: The case of Turkey](#)

16.00 – 16.30. Coffee break and posters viewing

Oral communications (15' each)

16.45 – 17.00. [J.D. Rinaudo \(French Geological Survey, France\)](#) – [Cost-effectiveness analysis of a water scarcity management plan: Considering long term socio-economic and climatic changes](#)

17.00 – 17.15. [H. Vangelis \(NTUA, Greece\)](#) – [Drought impacts on yield potential in rainfed agriculture](#)

17.15 – 17.30. [H. Rawabdeh \(University of Jordan\)](#). [Optimization of the cropping pattern in Northern and Southern part of the Jordan Valley under drought conditions and limited water availability](#)

17.30 – 18.15. **General discussion**

5 March Friday

09.00 – 13.30 **Session 3. Best practices and case studies in the Mediterranean and Near East on drought mitigation and risk management planning and implementation**

Chair: [M. Burak \(Min. Agric. And Rural Affairs, Ankara, Turkey\)](#)

Introductory conferences (30' each)

09.00 – 09.30. [T. Oweis \(ICARDA, Syria\)](#) – [Agricultural water management for the mitigation of drought and adaptation to climate change](#)

09.30 – 10.00. [L.C. Botterill \(National Institute for Rural and Regional Australia\)](#) – [Risk management as policy: The experience of Australia's National Drought Policy](#)

10.00 – 10.30. [G. Tsakiris \(NTUA, Greece\)](#) – [Towards an adaptive preparedness framework for facing drought and water shortage](#)

10.30 – 11.00. Coffee break and posters viewing

Oral communications (15' each)

11.00 – 11.15. M. Todorovic (IAMB, Italy) – Water allocation strategies under drought and specific socio-economic and environmental conditions in the Central Jordan Valley

11.15 – 11.30. A. Do Ó (e-GEO, FCSH-UNL, Portugal) – Transboundary drought risk management in Mediterranean Europe. A state-of-the-art analysis for the Guadiana River Basin

11.30 – 11.45. A. Ghaffari (Dryland Agricultural Research Institute, Iran) – The role of the Dryland Agricultural Research Institute in drought mitigation in Iran

11.45 – 12.00. L. Froukh (House of Water and Environment, Palestine) – The impact and management of recent drought on the West Bank groundwater aquifer system

12.00 – 12.15. G.C. Rodrigues (Technical University of Lisbon, Portugal) – Assessing the feasibility of deficit irrigation under drought conditions

12.15 – 12.30. J. Warner (Wageningen & Twente University, The Netherlands) – Insurance and deliberation as drought disaster risk reduction strategies

12.30 – 13.00. **General discussion**

13.15 – 14.30 **Lunch**

14.30 – 16.30 **Round table. Policies for drought preparedness and mitigation based on an economic approach**

Chair: T. Oweis (ICARDA, Aleppo, Syria)

F. Burgaz (ENESA, Spain)

K. Akhmadov (Tajik Academy of Agricultural Sciences, Tajikistan)

M. Karrou (ICARDA, Syria)

G. Munoz (FAO, Turkey)

G. Rossi (Univ. Catania, Italy)

A. Thomas (INRA, France)

16.30 – 17.30 **Conclusions and close of the Conference**