

Wednesday, 8 November, 14.30-17.30, Diotallevi 1 Room, South Hall

Earth observation and advanced technologies for making agriculture more resilient against extreme events in the water cycle: floods and droughts

Organized by: Ecomondo Scientific Technical Committee & Polytechnic of Turin, JRC-European Commission



CONSIGLIO NAZIONALE
DEI GEOLOGI

In collaboration with

Floods and droughts are not independent events but linked, and collective efforts are required to build climate resilient agricultural systems and to reduce risks.

Water is a critical input and limited resource for agricultural production. Due to climate change and the persistent water crisis that goes along with it in the Mediterranean area, improved water management plays an important role in maintaining food security and increasing the resilience of the agricultural sector.

After setting the scene with a perspective on near-term projections for water resource availability, the workshop opens with a panel discussion on European, national and regional policies for agriculture. It continues with a keynote speech titled “European and Global Flooding and Drought Observatories” and concludes with a panel discussion on added value data and innovative technologies that improve water management and support both producers and consumers.

Session Chairs

Giovanni Federigo De Santi, ECOMONDO Scientific Committee

Stefano Corgnati, Polytechnic of Turin

Piero Boccardo, Polytechnic of Turin

Guido Levrini, ESA-ESRIN

Programme

14.30-14.45 Welcome address

Stefano Bonaccini, Emilia-Romagna, President (TO BE INVITED)

Fabio Fava, Ecomondo Scientific Committee President

14.45-15.00 **Keynote speech:**

Climate change: flooding and drought assessment in the Mediterranean area

Florence Rabier, ECMWF Director General

15.00-16.15 **Panel discussion – European, National and Regional Policies for agriculture**

Chaired by:

Giovanni Federigo De Santi, Polytechnic of Turin

Stefano Corgnati, Polytechnic of Turin

Panellists:

Janusz Wojciechowski, European Commissioner for Agriculture (TBC)
Francesco Lollobrigida, Italian Minister of Agriculture, Food Sovereignty and Forests (TO BE INVITED)
Stefano Bonaccini, Emilia-Romagna, President (TO BE INVITED)
Representative of EIB (TBD)
Ettore Prandini, Coldiretti, Italy, President (TBC)
Massimiliano Giansanti, Confagricoltura, Italy, President
Alessandro Bratti, Po-river basin authority, Secretary General

16.15-16.30 Keynote speech:

European and Global Flooding and Drought Observatories
Bettina Baruth, European Commission Joint Research Centre

16.30-17.30 Panel discussion – *From policies to practices*

Added value information and innovation technologies to improve water management in normal and extreme water conditions supporting producers and consumers

Chaired by:

Piero Boccardo, Polytechnic of Turin
Guido Levrini, ESA-ESRIN

Panellists:

Pierre Bascou, European Commission, Deputy Director General DG AGRI (TBC)
Veronica Manfredi, European Commission, Director DG ENV (TBC)
Francesco Ubertini, President of Cineca, University of Bologna
Diego Vanelli, Planet Labs (TBC)
Representative of Trimble (precision agriculture) (TBD)
Representative of Precision Irrigation Farming (TBD)
Representative of Cooperativa produzione agricola (TBD)
Representative of Grande distribuzione alimentare (TBD)

17.30-17.45 End of the Workshop