

Network of Drought Observatories in the EU

June 16th 17th - Kick-off meeting programme

Thursday 16 June	
Scientific and Technical background	
8:30 – 9:30	Registration
9:30 – 9:35	Welcome and foreword <i>A. Zampieri, Head of Disaster Risk Management Unit, EC Joint Research Centre - JRC</i>
09:35 - 09:45	Introduction to the meeting and agenda <i>A. Toreti, Droughts Team Leader, EC Joint Research Centre - JRC</i>
Drought indicators, early warning and decision support	
Chair: A. Toreti, EC Joint Research Centre - JRC	
09:45 - 10:00	FRIDA - A new approach to drought characterization <i>M. Giuliani, Politecnico di Milano, Italy</i>
10:00 - 10:15	Near real time drought monitoring in Spain using automatic weather station data <i>S. Vicente-Serrano, Instituto Pirenaico de Ecología - Spanish National Research Council - CSIC, Spain</i>
10:15 - 10:30	Enhancing Climate services: H2020-CLINT <i>E. Matta, Politecnico di Milano, Italy</i>
Short Break	
10:35 - 10:50	Compound events: DAMOCLES COST Action <i>J. Zscheischler Helmholtz Centre for Environmental Research - UFZ, Germany</i>
10:50 - 11:05	Quantifying drought risk through multiple large ensembles: the case of Cape Town 2015-17 and Central American 2015-19 multiyear drought <i>S. Pascale, University of Bologna, Italy</i>
11:05 - 11:20	Land–atmosphere feedbacks during droughts <i>D. Miralles, Ghent University, Belgium</i>
Coffee Break	
11:40 - 11:55	Assessment of seasonal forecast performance of hydrological extremes over Europe <i>Y. Du, Swedish Meteorological and Hydrological Institute - SMHI, Sweden</i>
11:55 - 12:10	Building an AI-supported modular early warning system for Germany <i>E. Xoplaki, Justus Liebig University Giessen, Germany</i>
12:10 - 12:25	ITU-WMO-UNEP Focus Group - AI for Natural Disaster Management <i>M. Kuglitsch, Fraunhofer Heinrich-Hertz-Institut, Germany</i>
12:25 - 12:40	Drought events identification and tracking <i>C. Cammalleri, EC Joint Research Centre – JRC</i>
Lunch Break	
Drought risk assessment and impacts	
session chair: D. Masante, EC Joint Research Centre - JRC	
14:00 - 14:15	Drought impacts on agriculture <i>A. Ceglar, European Central Bank - ECB</i>
14:15 - 14:30	Drought impact monitoring network in Slovakia <i>L. Labudova, Slovak Hydrometeorological Institute - SHMU, Slovakia</i>

14:30 - 14:45	Operational monitoring of drought impacts in Czechia <i>M. Bláhová, Czech Globe, Czechia</i>
14:45 - 15:00	The Low-Flow Year 2018 in Germany - Impact, Hydrological Analysis and Management Approaches <i>M. Helms, Federal Institute of Hydrology - BfG, Germany</i>
Short Break	
15:05 - 15:20	Climate drought services for the society <i>M. Pasqui, R. Magno, National Research Council - CNR, Italy</i>
15:20 - 15:35	Recent advances in drought monitoring and early warning in the UK <i>J. Hannaford, Centre for Ecology and Hydrology - CEH, United Kingdom</i>
15:35 - 15:50	Water scarcity and drought in the Danube region - Environmental Risks of EUSDR <i>L. Balatonyi, EU Strategy for the Danube Region, Environmental Risks Priority Area – PA5, Hungary</i>
15:50 - 16:05	The European Drought Observatory for Resilience and Adaptation (EDORA) <i>W. Maetens, EC Joint Research Centre - JRC</i>
Coffee Break	
16:25 - 16:40	The Drought Impact Reporter of the US National Drought Mitigation Centre <i>K. Smith, National Drought Mitigation Center - NDMC, USA</i>
16:40 - 16:55	The Alpine Drought Observatory – Web Portal Design and Data Access Strategies <i>A. Jacob, European Academy of Bozen - EURAC, Italy</i>
16:55 - 17:10	A review of drought impacts and risk assessments in the EU27 countries (EDORA project): gaps and lessons learned <i>D. Cotti, United Nations University – UNU-EHS, Germany</i>
17:10 - 17:30	Brief discussion and conclusions
19:30 Social Dinner at JRC Club House	

<u>Friday 17 June</u>	
Network of Drought Observatories in the EU	
09:30 - 09:35	Opening
Drought monitoring in Europe and disaster risk management Chair: P. Barbosa, EC Joint Research Centre - JRC	
09:35 - 09:50	The use of drought indices in Malta and hydrological monitoring needs <i>M. Sapiano, Energy & Water Agency of Malta</i>
09:50 - 10:05	Spanish National Drought Observatory <i>J. Álvarez Rodríguez, General Directorate for Water - MITECO, Spain</i>
10:05 - 10:20	Drought monitoring in Portugal <i>V. Cabrinha Pires, Portuguese Sea and Atmosphere Institute - IPMA, Portugal</i>
10:20 - 10:35	Drought monitoring in Hungary <i>P. Molnár, General Directorate of Water Management - OVF, Hungary</i>

Short Break	
10:40 - 10:55	Drought monitoring in Romania <i>D. Alexandru, Agrometeorology Dept., National Meteorological Administration - NMA, Romania</i>
10:55 - 11:10	ADO project: Drought indices and impacts in the Alpine space. <i>A. Sušnik, Slovenian Environment Agency - ARSO, Slovenia</i>
11:10 - 11:25	A preliminary survey of Drought Observatories in the EU <i>D. Masante, EC Joint Research Centre – JRC</i>
Coffee Break	
Network of Drought Observatories in the EU	
<i>session chair: W. Maetens, EC Joint Research Centre - JRC</i>	
11:45 - 12:00	WMO work on drought preparedness – GDCS, IDMP and projects <i>K. Ehlert, Integrated Drought Management Programme, World Meteorological Organization - WMO</i>
12:00 - 12:15	The WFD CIS Ad-hoc Task Group on Water Scarcity and Droughts <i>D. Behrendt Kaljarikova, EC DG Environment - ENV</i>
12:15 - 12:30	The new EU Strategy on Adaptation to Climate Change, implications for droughts <i>W.J. Goossen, EC DG Climate Action - CLIMA</i>
12:30 - 12:45	Science pillar to the Knowledge Network of the Civil Protection Union and the Disaster Risk Knowledge Management Centre (DMKRC) <i>T. De Groeve, EC Joint Research Centre - JRC</i>
Lunch Break	
14:00 - 14:15	The Network of Drought Observatories in the EU: goals and scope <i>D. Masante and W. Maetens, EC Joint Research Centre - JRC</i>
14:15 - 14:30	The Forum for Air quality Modeling (FAIRMODE) network in the EU, lessons from establishing a successful technical-scientific network <i>P. Thunis, EC Joint Research Centre – JRC</i>
14:30 - 15:30	Discussion on the scope, goals, activities and governance for the Network of drought observatories in the EU
Coffee Break	
15:45 - 17:40	Workshop by EDORA consortium, stakeholder consultation on drought impact and risk assessment.