

# HyMeX Drought and Water Resources Workshop Program

Zaragoza, 5-7 April 2016

Version 2016.03.22



## Tuesday

8:30	9:00	Registration	
9:00	9:10	Welcome and introduction	
9:10	9:30	Presentation of the HyMeX Drought and Water Resources Science Team and workshop objectives	Pere Quintana Seguí (Observatori de l'Ebre, URL-CSIC)
9:30	9:50	The ERANET-Med Call	Sergio M. Vicente-Serrano (Spanish National Research Council)
<b>Drought Description (Chair S. Vicente-Serrano and Santiago Begueria)</b>			
9:50	10:10	Drought Identification And Quantification By Means Of Climatic Indices	Santiago Begueria (EEAD-CSIC)
10:10	10:30	Rainfall Trend And Drought Evolution In Southern Italy	Roberto Coscarelli (CNR-IRPI)
10:30	10:50	Winter Very Long Dry Spell Over The Mediterranean Basin	Florian Raymond (University of Burgundy)
10:50	11:20	Coffee Break	
11:20	11:40	Study Of The Drought Persistence In Tunisia	Taoufik Hermassi (INRGREF)
11:40	12:00	Observation Of A « Mesoscale Break » In The Statistical Distribution Of Drought Durations Using Long Time Series From The Hymex Opgc And Météo-France Databases.	Christophe Duroure (CNRS LaMP OPGC UBP)
12:00	12:20	On The Complex Relationship Between Droughts And Atmospheric Mechanisms	Ricardo Garcia-Herrera (UCM / Instituto de Geociencias (CISC-UCM))
12:20	12:40	Ten Years Surface-Atmosphere Water Budget From The Isac Micrometeorological Base In Salento Peninsula And Comments On The Aquifer Balance.	Paolo Martano (CNR ISAC)
12:40	13:00	Coping With Droughts: An Historical Overview On Their Impacts And Solutions	María del Carmen Llasat (University of Barcelona)
13:00	13:10	Coffee Break	
13:10	14:00	Discussion on topic "Drought description"	Chairs: R. Coscarelli and S. Vicente
14:00	16:00	Lunch	
<b>Drought prediction - Seasonal forecasting (Chair Y. Trambly)</b>			
16:00	16:20	Seasonal Forecast Of Droughts: An Overview	Stefano Materia (CMCC)
16:20	16:40	Seasonal Forecast Of Water Resources In The Boadella Reservoir (North-Eastern Spain)	Raül Marcos (University of Barcelona)
16:40	17:00	Incorporating Seasonal Forecasts Into Reservoir Operation: Adaptive Management Rules	Luis Garrote (Technical University of Madrid)

## Wednesday

8:30	9:00	Registration	
9:00	9:10	Introduction	Jan, Pere or Sergio
<b>Drought prediction - Climate (Chair Y. Trambly)</b>			
9:10	9:30	Regional Climate Modelling Description Of Drought Characteristics Over The Mediterranean Region For Present Climate And Future Conditions	Enrique Sanchez (UCLM)
9:30	9:50	Future Water Availability In North African Dams Simulated By High-Resolution Regional Climate Models	Yves Trambly (IRD -HSM)
9:50	10:40	Discussion on topic "Drought prediction"	Chairs: Y. Trambly and P. Quintana-Seguí
10:40	11:10	Coffee Break	
<b>Drought processes (Chair A. Boone)</b>			
11:10	11:30	Drought Processes In Spain Under The Current Global Warming Scenario	Sergio M. Vicente-Serrano (Spanish National Research Council)
11:30	11:50	Influence Of Vegetation Cover And Phenology On Water Resources : A Regional Climate Modelling Approach For 2003.	Marc Stefanon (LSCE / IPSL)
11:50	12:10	The Role Of Drought On Wheat Yield Inter-Annual Variability In The Iberian Peninsula From 1929 To 2012	Célia Gouveia (Instituto Dom Luiz (IDL) U. de Lisboa)
12:10	12:30	Remote Sensing Indicators Of Drought And Plant Water Stress From Multi-Spectral Remote Sensing Observations For The South Mediterranean Region	Lionel Jarlan (IRD/CESBIO)
12:30	12:50	Impact Of Climate Vegetation Soil And Irrigation On Multi-Year Land Surface Model Simulations Of Evapotranspiration Over A Mediterranean Crop Site	Sébastien Garrigues (INRA)
12:50	13:00	Coffee Break	
<b>Drought processes - Models (Chair J. Polcher)</b>			
13:00	13:20	Monitoring And The Research Of Meteorological Drought In Croatia	Ksenija Cindric Kalin (Meteorological and Hydrological Service)
13:20	13:40	Ensemble Reconstruction Of Severe Low Flow Events In France Since 1871	Jean-Philippe Vidal (Irrstea)
13:40	14:00	Use Of Surflex For Large Scale Hydrology And Drought Monitoring	Jean-Christophe Calvet (Meteo-France / CNRM)
14:00	16:00	Lunch	
16:00	16:20	Integrated Modelling Of Water Resources In The Semi-Arid Tensift Basin (Marrakech Morocco)	Lahoucine Hanich (University Cadi Ayyad of Marrakech)
16:20	16:40	Regional Scale Model Estimates Of The Evolution Of Different Water Reservoirs Over North Africa During The Period 1901-2010: Focus On The Tensift And Merguellil Basins	Aaron Boone (CNRM Météo-France)
16:40	17:00	Validation Of Gridded Precipitation Products In Spain	Pere Quintana Seguí (Observatori de l'Ebre (URL-CSIC))
17:00	17:20	Evaluating The Connection Of Drought Indicators And Drought Impact	Clara Lines Diaz (UNESCO-IHE)
18:30	20:00	Visit of Zaragoza's city center	Sergio M. Vicente-Serrano (Spanish National Research Council)
20:00		Workshop dinner (self-paid)	

**Thursday**

8:30	9:00	Registration	
9:00	9:10	Introduction	
<b>Drought, Water Scarcity and Management (Chair P. Quintana-Seguí)</b>			
9:10	9:30	Water Scarcity And Drought In The Eastern And Southern Countries Of The Mediterranean: Status And Coping Strategies	Mohammed Karrou (ICARDA)
9:30	9:50	Benefits Of Economic Criteria For Water Scarcity Management Under Global Changes: Insights From A Large-Scale Hydroeconomic Framework Applied On Algeria	Patrice Dumas (CIRED/CIRAD)
9:50	10:10	The Gicc Remedhe Project: Sustainability Of Water Uses In The Hérault And Ebro Hydrosystems Under Human- And Climate-Induced Changes	Denis Ruelland (CNRS HydroSciences Montpellier)
10:10	10:30	Global Data For Local Applications: How Useful Are Global Data For River Basin Modelling?	Geert Sterk (Utrecht University)
10:30	11:00	Coffee Break	
11:00	11:20	The Role Of Groundwater In Drought Processes And Its Inclusion In Models	Gonzalo Miguez-Macho (Universidade de Santiago de Compostela)
11:20	11:40	Linking Science To Policy And Stakeholders In Hymex & Earth2Observe	Micha Werner (UNESCO-IHE)
11:40	14:00	earth2Observe Mediterranean Case Studies Meeting (open to the whole community)	Geert Sterk (Utrecht University)
14:00	16:00	Lunch	
16:00	16:50	Discussion on Topic "Drought Processes And Water Resources"	Chairs: M. Werner and A. Boone
16:50	17:20	Global Discussion on Future Orientations And Actions	Chairs: Jan Polcher and P. Quintana-Seguí
17:20	17:30	Workshop Wrap-Up	

**Friday**

9:00	11:00	Workshop debriefing (Organizing Committee Only)	
11:00	14:00	MARCO Project Meeting (Project Participants Only)	Miguel Gaertner (UCLM)