

MOTIVATION

Urban water suppliers all over the world have to adapt to an increasing population and a growing economy.

Climate change is expected to increase weather variability and extreme events, causing significant alterations in the water cycle that will challenge the reliability of urban water supply systems. Water quality is also affected by increasing pollution, overexploitation and other climate change impacts.

This international workshop will show some relevant selected cases that have successfully coped with severe drought episodes and other situations that might become more frequent in the future due to climate change. Through examples from the INNOVA project and others, the workshop will also discuss the potential of climate services for a more efficient adaptation of urban water supply systems to climate change conditions.

▶ 2nd Call



International Workshop



17 - 18 October 2019

CHALLENGES AND SOLUTIONS FOR URBAN WATER SUPPLY IN A CHANGING CLIMATE AND WORLD

VALENCIA - SPAIN

Main organisers



Co-organisers



Scientific Committee

Manuel Pulido-Velazquez
(IIAMA-UPV, chairman)
María Máñez (GERICS, co-chairman)
Javier Macián (Global Omnium,
co-chairman)
Alberto Garcia-Prats (IIAMA-UPV)
Alvar Escriba-Bou (PPIC)
Fernando Morcillo (AEAS)
Enrique Cabrera (ITA-UPV)

Contact and registration web

jpi-climate.eu/era4cs/innova/workshop.urban.water.supply

THEMES AND SUB-THEMES

- Relevant international case studies on urban water supply challenges.
- Drought management in urban water supply.
- Consequences of climate change on drinking water supply.
- Climate change impacts on drinking water quality.
- Adaptation in urban water supply systems.
- Alternative sources due to reliability and qualitative issues.
- Changes in water treatment processes.
- Climate services for urban water supply.
- Challenges and solutions for urban water supply in coastal Mediterranean cities.

FIELD TRIP

The workshop includes a technical visit to the water treatment plant that supplies the city of Valencia. The field trip will be organized by Global Omnium.

THURSDAY, OCTOBER 17

10:00-10:30 Welcome address

Relevant international case studies on urban water supply challenges

10:30-11:10 Lessons from California's droughts to increase urban resilience, Dr. Alvar Escriva-Bou, Public Policy Institute of California (Invited Speaker)

11:10-11:40 *Coffee Break*

11:40-12:20 Lessons from water crisis in Cape Town, Dr Kevin Winter, University of Cape Town, South Africa (Invited Speaker)

12:20-13:00 Lessons from water crisis in Kaohsiung City, Dr Cheh-Shyh Ting, National Pingtung University of Science and Technology, Taiwan (Invited Speaker)

13:00-14:00 Round table with invited speakers

14:00-15:00 *Lunch*

CALL FOR ABSTRACTS

The organizers invite you to send abstracts about your research or case study for poster presentation.

The abstract text should have a maximum of 400 words and can only be submitted in English or Spanish.

The Scientific Committee will decide if your poster can participate.

The best poster will win a prize at the final poster session.

**Deadline for registration:
October 10^t**

TARGET AUDIENCE

Practitioners, private sectors, researchers, civil society representatives are all very welcome. A great chance to meet and exchange from the experts worldwide.

PROGRAM

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Consequences of climate change and adaptation on drinking water supply

15:00-15:40 Consequences of climate change on drinking water quality and safety, Dr. Isabel Douterelo, University of Sheffield, United Kingdom (Invited Speaker)

15:40-17:20 Presentations (selected from abstract submissions)

17:20-17:40 Challenges of Valencia's urban water supply, Dr María Pedro-Monzónis, R&D&I Department of Global Omnium, (Invited Speaker)

17:45-19:00 *POSTERS SESSION -Coffee Break*

20:00 *GALA DINNER*

FRIDAY, OCTOBER 18

8:30-11:00 Technical visit to drinking WTP, Global Omnium

11:00-11:30

Climate services for urban water supply

12:00-12:20 INNOVA project presentation

12:20-12:40 INNOVA project Valencia hub

12:40-13:00 Other climate service presentations

Challenges and solutions for urban water supply in coastal Mediterranean cities

13:00-14:00 Case studies (selected from abstract submissions)