

## 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.



► 1st 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

[www.jpi-climate.eu/era4cs/innova](http://www.jpi-climate.eu/era4cs/innova)

## 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.

# PROGRAM

### 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. The abstract text should have a maximum of 400 words and can only be submitted in English or Spanish. Abstracts can be submitted for oral presentation and posters. The author's preference, indicated in the abstract submission form, will be considered but the Scientific Committee reserves the right to the final decision. The best poster will win a price at final poster session.

**Deadline for abstracts: September 22th**

**Decisions: September 24th**

**Deadline for registration: October 10th**

## 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

# PROGRAM

# PROGRAM

**Consequences of climate change and adaptation on drinking water supply**

15:00-15:40 Consequences on drinking water quality, Dr. Isabel Doutere, 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, by 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)