



2nd International
Conference
VENEZIA
2018

Citizen Observatories for
natural hazards and Water
Management

27-30 November

Call for paper International Conference
"Citizen Observatories for natural hazards
and Water Management" COWM 2018

Organized by

Autorità di bacino distrettuale delle Alpi Orientali (Alto Adriatico Water Authority), Venice

Distretto delle Alpi Orientali



in collaboration with



The Eastern Alps Hydrographic District is pleased to invite you to the **2nd International Conference on Citizen Observatories for natural hazards and Water Management** that will take place in the beautiful city of **Venice, Italy, from 27 to 30 November 2018**.

The Conference **COWM2018** will be the stage for all the ongoing citizen science and crowdsourcing initiatives. COWM2018 will bring together social scientists, surveyors, engineers, scientists, and other professionals from many countries involved in research and development activities in a wide range of technical and management topics related to citizen observatories and their impacts on society. It will be an opportunity to discover how to maximize the benefit of data emerging from citizen observatories in the fields of Environmental Monitoring, Natural Risks management, Land use monitoring and management.

The 2016 edition represented an extraordinary opportunity for comparison with international experiences (presence of experts from all over the world - from Australia to the United States, from Scandinavia to South Africa). This second edition promises to be even richer in content: detailed information on the Conference can be found on the [website](#).

These are the main themes that will be explored by the scientific program of the Conference:

Environmental management

Communities involvement in environmental management
New challenges for integrated water cycle management

Crisis management and natural disaster resilience

Decision support in extreme weather climate events
Resilience and Territorial Safety

Land Use and Land Cover monitoring

Crowdsourcing techniques for Land Use and Land Cover monitoring
Communities involvement in monitoring land change

Methods and technologies to support the management of water and natural hazards

Making sensors in 2018: new approaches for data capturing
Earth Observation data for natural hazards and water management
Platforms and e-services for citizen observatories data interoperability
Data integration, data assimilation techniques, advanced water modeling

Social dimensions of Citizen Observatories

Citizen observatories: stakeholder motivations and impacts
Public participation mechanisms
Technical and legal aspects of the acquisition and use of citizen-generated data

We invite you to participate at the Conference by **submitting an abstract** for a presentation or to attend the Conference by **registering** in the website. For more information about registration and participation in the call for abstracts please visit the web-site of the conference (www.cowm.eu).

During the Conference parallel events will be organized: technological workshops, training sessions, parallel sessions and presentations of new projects and technologies. The event will provide opportunities to engage with the operators in the water industry and innovation, in order to exchange experiences on the development, implementation and use of new advanced monitoring techniques, and to discuss the potential for new job opportunities.

The event will be hosted at the prestigious **Palazzo Labia**, in Campo San Geremia (Venice), famous Baroque palace with frescoes by Giambattista Tiepolo and functional regional RAI headquarters, equipped with conference rooms and multimedia areas.

We hope to see you in Venice!

Best regards,
the Organizing Team
Alto Adriatico Water Authority (AAWA)

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