

DATA4WATER: Excellence in Smart Data and Services for Supporting Water Management
H2020-TWINN-2015, CSA-690900
Project website: <https://d4w-twinn.pub.ro>



20 January 2017, University Politehnica of Bucharest, Romania

ICT for Water Management: Enabling Smart Data

Information and networking event for practitioners and researchers

Water is an essential, limited and sensitive life resource, and it is in focus of various persons or groups, from simple citizens to decision persons at country/world level, and, of course, also of scientists from different research fields. The complexity of research related to water resources management is extremely high and requires deep expertise in several ICT-related research domains such as: Big Data and Smart Data; semantic Internet of Things; context-aware and event-based systems; Cloud computing; Web services, and social Web. In this context, the new science of hydroinformatics emphasizes the information cycle, including the acquisition, archiving and analysis of monitored data, the modelling real world water based systems to generate new knowledge whether for planning and design or for operations, and the development and integration of information (or knowledge) systems in support of safe and reliable decision making at all levels of the management of such systems.

The networking event “*Water Management Today and Tomorrow, Information and networking event for water management practitioners and researchers*” will be organized by University Politehnica of Bucharest (UPB) on January 20th 2017, in the context of Data4Water H2020 EU project. The Data4Water project has the overall objective to strengthen research in the field of smart data driven e-services in water resources management, made available to international community and/or specific stakeholders such as companies, citizens, and authorities.

The dynamics of water and the role of humans in the water cycle are not well understood largely because environmental and socio-economic analyses have traditionally been performed separately. Nowadays, ICT can contribute to several areas of research such as better understanding of coupled human-natural system dynamics; finding risk mitigation measures for the unintended consequences and side effects like water scarcity, increased pollution, unreasonable use of water, flood, food prices; and can contribute to the development of strategies for efficient use of water resources.

The networking workshop aims to provide an interactive and friendly yet professional forum for exchanging practical experience and sharing novel research ideas and ground-breaking results. The sessions of this info day will target modern water supply and integrated water resource management with invited representative from public administrations, industry and academia.

We invite you to participate in this information and networking event to share your knowledge and open issues with all participants and find new collaborations through a network of excellence in this new exciting domain of ICT for water management.

For more information, please join our LinkedIn Group, *Data4Water: Network of Excellence and Partnership in Smart Data for Water Management* (<https://www.linkedin.com/groups/13502078>).

We kindly invite you to register for this event here: <https://www.eventbrite.com/e/water-management-today-and-tomorrow-tickets-3561820501>

We will be very happy if you will join this event and we hope to see you in UPB on January 20th, 2017!

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