



Agadir Conference

Managing Water Scarcity in River Basins: Innovation and Sustainable Development

*IAV Hassan II Agadir Morocco
4 – 6 Octobre 2018*





GLOBAQUA



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OBJECTIVES:

- Highlight European and national Southern Mediterranean strategies on water,
- Elaborate on the potential of water reuse from municipal wastewater treatment,
- Sustainable use of brackish water, seawater desalination,
- Promote innovations in water efficiency and reuse in agriculture





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Conference themes

Integrated water resources management

Ground and surface water modelling

Climate change impacts and adaptation

Water policies and planning

Water resources pollution

Water dependent ecosystems services

Sustainable crop production toward increasing water use efficiency

Biosaline Agriculture and use of alternative water resources

Wastewater reuse

Crop drought and salinity tolerance

PGP biotechnologies to alleviate stresses

Innovative and smart farming technologies





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Tentative program

Day 1 October 4th: The Science Day will present and discuss latest knowledge in multi-stressor impacts on vulnerable freshwater ecosystems and limited natural water resources.

- Morning- GLOBAQUA Steering Committee meeting
- Lunch
- Afternoon_ Conference beginning at 14h – SCIENCE DAY

Day 2 October 5th: The Technology Day

Will discuss recent findings in water efficiency and saving systems, including the nonconventional water resources sector. It will further discuss current strategies in water policies towards sustainable water management on the river basin scale.

Day 3 October 6th: Field Trip to the Souss Massa basin (to see where objectives, science, technology and policy meet in practice)





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Keynotes Speakers

Analysis and Fate of Emerging Contaminants in Water bodies.

Dr. Damia Barceló

Modeling and assessing state and fate of ground water

Dr. Ralf Ludwig

Water scarcity beyond European Framework

The us scientific and stakeholders knowledge in river basin management planning

Dr; Adriaan Slob

Policy actions to implement the Sustainable water Management, to prevent, and minimize ground water contamination

Dr. Nik Skoul

Participative valuation of ecosystem services: protecting and managing water under climate change

Dr. Philippe Ker Rault

Biosaline Agriculter: Potential and perspective

Dr. Ismahane El Ouafi Director general of ICBA

Wastewater Treatment Technologies and Management in the Mediterranean region

Dr. Redouane Choukr-Allah IAV Hassan II Morocco & Dr. Dario University of Bologna Italy

The role of small-scale non-invasive monitoring of root systems in the improvement of water use strategies for agriculture.

Pr. Giorgio Cassiani

