



WORKSHOP

NEW PERSPECTIVES TO MANAGE WATER IN DEVELOPED, DEVELOPING COUNTRIES & COASTAL AREAS



3 & 4 June 2024



Brest, Université de Bretagne Occidentale
Amphi du pôle numérique du Bouguen



www.umr-amure.fr

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NEW PERSPECTIVES TO MANAGE WATER IN DEVELOPED, DEVELOPING COUNTRIES & COASTAL AREAS



As the world grapples with the escalating challenges posed by climate change, the imperative for implementing new policies geared towards the preservation of water resources and marine areas has become increasingly critical on a global scale. The management of water usage, long recognized as a pivotal issue, has gained heightened urgency in light of the United Nations' alarming report that approximately 2,000 million people reside in regions plagued by water stress. This scenario is further exacerbated by the growing impact of climate change on droughts, as highlighted in the UN's 2021[1] findings. Moreover, the deterioration of water quality, fueled by inadequate sanitation infrastructures and the environmental toll of economic activities, poses a significant threat to the sustainability of water bodies. Alarmingly, a considerable percentage of households worldwide continue to lack access to basic water services, underscoring the urgency of addressing these challenges. These concerns are integral to the United Nations' 2030 Agenda for Sustainable Development, with Goal Number 6 specifically targeting the provision of clean water and sanitation for all, alongside the sustainable management of water resources. Within this context, the residential water sector, despite not being the largest consumer of water in terms of volume, emerges as a critical area for effective management. The situation is particularly acute in coastal areas, which not only confront unique challenges such as increased water resource scarcity due to tourism and aquifer salinization but also hold potential as key players in the desalination industry. This multifaceted crisis calls for a concerted global response, blending policy reform, technological innovation, and collaborative efforts, to ensure the judicious use and preservation of our planet's precious water resources.

The aim of this workshop is to develop an international research network to encourage collaboration between AMURE members and national and international researchers in water economics. In the long term, the aim is to compete for an ANR or European call for projects (Water JPI, H2020, etc.). To this end, the workshop will bring together specialists in water economics and will be open to all members of the AMURE laboratory who wish to attend.

[1] UN: 2021, United Nations Water Annual Report, Geneva, Switzerland.

WORKSHOP AXES

- Global Policies for Water Resource Preservation
- Water-Use Management Strategies
- Impact of Climate Change on Water Resources
- Sanitation Infrastructure and Water Quality
- Access to Basic Water Services
- Sustainable Development and Water Management
- Residential Water Sector Management
- Challenges in Coastal Areas
- International Research Collaboration in Water Economics
- Funding and Resources for Water Research
- Water desalination and sustainability

ORGANIZING COMMITTEE

- Marie-Estelle BINET
- Mourad KERTOUS
- Samir MALIKI



Faculté
de Droit, Économie,
Gestion & AES





PROGRAM

3 JUNE 2024

9h>9h30 - Welcome



 **CHAIR 1 : WATER & EXPERIMENTAL ECONOMICS - 9h>12h**

9h30-10h15 - Binet M.E (UMR AMURE), Hammiche S. (Univ. Rennes) & Denant-Boemont L. (Univ. Rennes)

From Incentives Effect of Non-Linear Pricing Schemes to Behavioral Confusion: A Laboratory Economic Experiment

10h15>11h - Binet M.E, (UMR AMURE), M.G Valinas (OVIEDO), S. Teyssier (GAEL)

Social norm to save water : first results from a lab experiment

11h>11h45 - Balado-Naves R., M Garcia Valinas (OVIEDO, Spain), Binet M.E. (AMURE, UBO), S. Teyssier (GAEL, UGA)

Nudging in a public good context : a comparison between lab and field experiments

 **12h-13h30** - Lunch



CHAIR 2 : WATER & DEVELOPMENT-14h>17h

Session Chair : TBC

13h30>14h - Abdallah ZOUACHE (Sciences Po Lille, France)

Les enjeux de l'eau au Moyen-Orient et en Afrique du Nord

14h>14h30 - Mourad KERTOUS (Laboratoire AMURE, Univ Brest, France) : **Analyse des déterminants des difficultés de paiement des factures d'eau potable : Cas de Béjaia (Algérie)**

14h30>15h - Sofiane BOUKHARI Online (Université Mohamed Cherif Messadia, Souk-Ahras, Algérie)

Réforme de la tarification des services d'eau potable et d'assainissement en Algérie

15h>15h30 - Coffee break



15h30>16h - Soufiane BEKHTAOUI (1), Chérifa ABDELBAK (1,2), Mourad KHALDOON (3), Online (1) Pan African University, Institute for water and energy sciences including climate change, University of Tlemcen, Algeria, (2) Laboratoire EOLE, University of Tlemcen Algeria, (3) Department of Water Resources Engineering, Lund, Sweden

Development of Strategies for the Allocation of Water Resources in the Ghriess Basin in Algeria

16h>16h30 - Myriam BEN SAAD (Kedge Business School Paris, France)

Desalination and Water Policy: Evidence from Algeria

16h30>17h - Samir B. MALIKI (UMR AMURE, Univ Brest, France / Mecas, Univ Tlemcen, Algeria)

Seawater Desalination in Selected Mediterranean Countries: The State and Trends

19h30 - Dinner

La crêpe Flambée, 3 rue Saint Saëns, Brest



4 JUNE 2024



Workshop to set up a common research project and collaborations





NOTES



A large, light yellow rectangular area with horizontal blue lines, designed for taking notes. The bottom right corner is folded over, and a green line outlines the bottom and right edges of the page.