



Innovation and Sectoral Economic Intelligence Forum
under the theme :

***Water Management in the Era of Digitalization:
Challenges and Opportunities***

Forum Date: the 10th and 11/05/2024 at Hotel Oasis Saidia Palace & Blue



Call for communication

Argument :

Dear participants,

Are you ready to dive into the uncharted depths of Water Management in the Digitalization Era? Join us in this intellectual journey where ideas merge with data to shape a bright aquatic future.

Imagine a forum where the brightest minds of our time come together to discuss revolutionary advances in water management. Fearless researchers share their boldest discoveries, visionary professionals exchange innovative strategies, and technology pioneers unveil the secrets of aquatic digitalization.

This forum will be a hub of intellectual excitement, where words transform into waves of inspiration, and ideas spread like waves of innovation. You will have the opportunity to delve into the intricacies of digitalization, immerse your curious minds in the digital waters, and navigate to new horizons of knowledge.

The pillars of this intellectual journey are the main axes that will shape our captivating discussions:

The main axes :

- ✓ **The Technological Odyssey:** Dive into the realm of smart sensors, connected networks, and artificial intelligence that are revolutionizing water management. Explore the frontiers of digitalization where technology illuminates our path toward smarter, more efficient, and sustainable management of this precious resource.
- ✓ **The Quest for Optimization:** Embark on a journey in search of the hidden treasures of water optimization. Discover how digital tools, such as Geographic Information Systems and data platforms, will guide you towards innovative solutions to maximize the use of water resources, prevent wastage, and create a perfect synergy between human and environmental needs.
- ✓ **The Convergence of Worlds:** Dive into the tumultuous waters of collaboration among citizens, experts, and decision-makers. Explore ways to foster community engagement, engage stakeholders, and promote participatory governance, where every drop of idea contributes to an ocean of solutions for more inclusive and equitable water management.

- ✓ The Security of Digital Depths: Navigate with confidence through the turbulent waters of cybersecurity. Learn how to protect valuable water-related data from hackers, prevent digital leaks, and ensure the integrity of systems to safeguard our water future.

We are pleased to invite you to submit your research papers and practical contributions in the field of water management in the era of digitalization. Digitalization is profoundly transforming the way we manage water resources, opening up new possibilities while also presenting new challenges.

Themes of the call for papers :

- ✓ Utilization of sensors and Internet of Things (IoT) technologies for data collection on water quality, water resource management, and infrastructure monitoring
- ✓ Applications of artificial intelligence (AI) and machine learning for data analysis, predictive modeling, and optimization of water-related processes.
- ✓ Cloud-based water management systems, data platforms, and Geographic Information System (GIS) system interoperability.
- ✓ Geospatial Information Technologies (GIS) for water resource mapping, planning, and management.
- ✓ Real-time monitoring and early warning systems for extreme hydrological events such as floods, droughts, and contaminations.
- ✓ Participatory approaches and collaboration among stakeholders using digital tools for water management and citizen engagement.
- ✓ Economic and policy models for the effective deployment of digital technologies in the water sector.
- ✓ Case studies and lessons learned from successful digitalization projects in the field of water management.

We encourage researchers, experts, and professionals to submit abstracts of their original work and articles related to any of the aforementioned themes. Contributions may be based on empirical studies, theoretical models, case studies, or literature reviews.

Abstract submission deadline: 30 /03/2024

Notification to authors: 01/04/2024

Forum date: 10-11/05/2024

We hope that many of you will respond to this call for papers and share your knowledge, innovative ideas, and best practices in the field of water management in the era of digitalization.

For any questions or submissions, please contact: a.kchiri@ump.ac.ma

 **Scientific Committee:**

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Submission Guidelines :

- ✓ Authors must submit their papers in accordance with the following requirements:
- ✓ The document should be in Word format and submitted online to the following email addresses: a.kchiri@ump.ac.ma / Abdelghani.essahli@ump.ac.ma.
- ✓ The first page of each article should include the paper's title, author details (name, affiliation, postal address, email, phone number, and fax).
- ✓ The second page should contain an abstract (in French and in English/Arabic, up to 10 lines), as well as a list of keywords (up to 6 words).
- ✓ The article's word count should not exceed 7,000 words.
- ✓ Please use Times New Roman font for the French text and Traditional Arabic font for Arabic text.
- ✓ Font size should be 12 for French text and 14 for Arabic text.
- ✓ Single spacing.
- ✓ Footnotes should be presented in numerical order, placed at the bottom of the page, and indicated by superscript numbers (without parentheses).
- ✓ Bibliographic references should be sorted in alphabetical order, and each reference should be cited in the text. These bibliographic references should be formatted as follows:

Book	"AUTHOR L. (year). Title: supplementary title. Place: Publisher"
Journal articles	Name, A. (year), 'Article Title,' Journal Name, vol. 24, no. 2, pp. XX-XX.

Conference proceedings articles	Name, A., Name, B. (year), "Title of the article", Proceedings of the 20th conference of XXX, City, Country, p. XXXX.
Chapters or articles published in books	Name, A., Name, B. (year), "Title of the chapter or article", in Name, C. (dir.), Title of the book, Publisher, chap. 14, p. XX-XX.
Electronic documents	Author (year), "Title of document", http://full address (accessed day/month/year).

- ✓ We are pleased to inform you that the papers presented at the forum will be published in a special issue of the journal: <http://revues.imist.ma/index.php/NJSV/>

Research team leaders:

- ✓ « **Biodiversity and ecology of natural ecosystems** »: Mr. CHAFI Abdelhafid – ESTO
- ✓ « **Belgian teams from the Aquapole Center of the University of Liège**»: Pr. François Deliege-Université de Liège
- ✓ « **Biotechnology and Environment** » : Pr. SMIRI Youssef- FSO.
- ✓ « **Mechanics and scientific computing** »: Ms ADDOU Rajae- ENSAO.
- ✓ « **Artificial intelligence and environment** » : Mr. GRARI Mounir- ESTO.
- ✓ « **Comptabilité, Finance, and Management Control" & "Human Resources Engineering**»: Mr. KCHIRI Abdelmajid - ENCGO.
- ✓ « **CEDUC Lab: Communication, Education, Digital Usage and Creativity**»: Mr. AZZIMI Toufik - FLSHO.
- ✓ **Taxation, finance, and development teams**: Mr. BENTAHA Farid – FSJESO.

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- Abdelmajid KCHIRI : Prof ENCGO UMP
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Coordinator :

Abdelmajid KCHIRI : Pr à l'ENCGO - UMP
Chargé des affaires étrangères et de coopération à l'UMP
Email : a.kchiri@ump.ac.ma
Tél : 07 67 87 66 38