



ENVIMEKO'10 SESSIONS

1 SESSION 1: ENVIRONMENTAL MONITORING, SMART AGRICULTURE, AND SMART FARMING SYSTEMS

- Agricultural Economics
- Precision Agriculture
- IoT and Autonomous Systems in Agriculture 4.0
- GIS, Remote Sensing, and Aerial Imaging
- Automation in agriculture and horticulture
- Intelligent Irrigation Management Systems



EnvIMEKO'10

" Smart Agriculture for Well-Being "

7-8 December 2023, Moulay Ismail University, Meknes, Morocco.

PRESENTATION

The 10th Conference on **Environmental Instrumentation and Measurements EnvIMEKO'10** will be held in the Faculty of Sciences, Moulay Ismail University of Meknes, Morocco, under the slogan of "**Smart agriculture for Well-being**". EnvIMEKO'10 will bring together the diverse professionals who work, teach, and learn in all branches of Environmental Instrumentation, including the scholarly community of researchers, scientists, scholars, engineers, and **Ph.D**

Students from universities, institutions, farmers, and industries to discuss innovations and improvements on environmental data acquisition, monitoring and analysis in relationship with smart agriculture and related sciences.

The main challenges of Global warming, scarcity and overexploitation of surface and groundwater, innovative irrigation methods, resilient agriculture, etc., call on scientists to react by looking for efficient sustainable solutions. The EnvIMEKO'10 invites authors to submit one to two pages extended abstract for oral or poster presentation. They will be published, if accepted, in the special issue. Presented papers are eligible to be submitted, as expanded version, to: **Acta Imeko, Measurement (Elsevier), Measurement: Sensors (Elsevier), and Measurement: Food (Elsevier)**.

2**SESSION 2: AGRIFOOD, FOOD SAFETY, AND ASSOCIATED TECHNOLOGICAL PROCESS**

- Phytocontrol: analysis of contaminants, microbiology, and physico-chemistry in food.
- Agrifood technology: Grain, Feed, Water & Nutrition testing
- Agronomy and Crop Sciences
- Agriculture and Environment
- Agricultural Health
- Food Technology: Grain, Fruit, Feed, Water and Nutrition Testing
- Innovative conservation techniques for agricultural products: onions, grapes.

3**SESSION 3: SOIL, WATER, AND AIR**

- Recycling treated wastewater in farming
- Valorization of natural materials in treated liquid effluents
- Treatment of polyphenol-rich wastewater from olive crushing
- Modeling the impact of climate change on water and soil resources
- Purification/separation/membranes
- Water and soil quality assessment, monitoring, and mapping

- Hydrological and hydrogeological modeling
- Integrated management of water and soil resources
- Materials for water management, fertilizer control and wastewater treatment.

4**SESSION 4: MATERIALS AND ENERGY FOR/IN HEALTHY ENVIRONMENTS**

- Ecological constructions and building
- Analytical measurements and materials for cleaner energies and environments
- Non-destructive analytical methods in cultural heritage materials
- Environmental noise measurements and vibration pollution
- Electromagnetic, optical, elastodynamic, and acoustic sensors.

ORGANIZING COMMITTEE

·Pr. Abdellah MIR ·Pr. Abdellah EL HMAIDI
 ·Pr. Hmidou EL OUARTI ·Pr. Ali BEKRI
 ·Pr. Khalid YAMNI ·Pr. Mohamed DOUMA
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SUBMISSION

- Deadline for Submissions of abstracts: **October 31, 2023**
- Notification of acceptance: **November, 5-7, 2023**
- Final Registration deadline: **November 17, 2023**
- Paper submission deadline: **January 20, 2024**
- E-mail address of the symposium:
envimeko10-fs@umi.ac.ma

REGISTRATION AND FEES

The Conference registration fee includes admission to the conference, an approximate 15-minute time slot to present one paper at the conference, a printed copy of the conference program, CD-ROM Publication / Proceedings, lunch, coffee breaks, etc. All attending conference participants must pay the registration fee and at least one author per paper must attend.

Fees for Envimeko' 10 are as follows:

- **500 Dh (50 Euros)** per individual Ph.D. Student to attend the Symposium
 - Standard Registration
 - only participation, participation with presentation, poster
- **800 Dh (80 Euros)** per individual Academic researcher to attend the Symposium
 - Standard Registration
 - only participation, participation with presentation, poster

Payment methods: Bank transfer to: Ressources propres de la Faculté des Sciences de Meknès :
TP Meknes : 310480101002470206310170.