

WATER, CLIMATE CHANGE,

ENVIRONMENT AND SUSTAINABILITY

CHALLENGES AND PROSPECTS

June 15 and 16 2025



Argument

Cities in the Mediterranean basin are faced with a set of risks including natural disasters (earthquakes, floods, volcanic eruptions) or those caused by human activities such as forest fires, pollution, etc. all of these actions that the biosphere undergoes interact with climate change, threatening the balance of hydrospheric, lithospheric and atmospheric ecosystems.

Climate experts, such as those from the Intergovernmental Panel on Climate Change (IPCC), point to human activities, especially those that release greenhouse gases, as the main cause of this warming. Industry, agriculture, road transport and housing would therefore be the main culprits, and a change in our behavior is essential to slow it down.

Seminar objectives

- Open a scientific debate and a space for the exchange of experiences on the reality of environmental problems in Algeria and the Mediterranean.
- Identify adaptation processes and instruments for sustainable management based on the evaluation of adaptation strategies.
- Analyze, diagnose and manage global environmental changes.
- Work on a scientific and systematic approach to sustainable development to acquire the expertise, skills and tools necessary to solve the above-mentioned problems.
- Use geomatics techniques, including GIS and remote sensing to manage these problems.

Axes (themes) of the seminar

- **Area 1:** Extreme events and climate change, impacts and actions.
- **Axis 2:** Impact of climate change on the environment.
- **Area 3:** Hydrology, hydrology and water current resource issues and challenges.
- **Area 4:** Data acquisition, artificial intelligence, remote sensing, environmental monitoring and geospatial analysis.
- **Area 5:** Development of renewable energies (or energy transition).
- **Axis 6.** Urban heat islands: prospects, challenges and potential.
- **Area 7:** Socio-economic approach and blue economy.

Target population

- Teacher-researchers and researchers in the field of geography, ecology, town planning, land use planning and the environment;
- Experts and specialists in environmental issues;
- Local authorities, different directorates and specialized organizations in the field;
- Civil society organizations interested in the theme of environmental protection.

Honorary President of the Seminar

- ✓ Prof **Chaabane BAITICHE** - Rector of the University of Constantine 3 Salah BOUBNIDER
- ✓ Prof **Chaouki BENABBAS** – Director of the TERRITORY DEVELOPMENT RESEARCH CENTER (CRAT)

President of the seminar

Dr. **Latifa BOULAHIA** LAGED University of Constantine 3 (Algeria)

Scientific Committee

President of the Scientific Committee: **Dr. Salim BRAGDI** - LAGED- University of Constantine 3

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Pr. Alessandra Casu- Degli Studi université de Sassari (Italy)
Pr. Josep VILA SUBEROS- University of Girona (Spain)
Pr. Carlo PREVIL- (UQAT) (Canada)
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Dr. Radia BOUARROUDJ- Laboratoire ABE- Université Constantine 3
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Dr. Oualid MEDDOUR– IGTU-Université Constantine 3
Dr. REDJAL Omar – IGTU-Université Constantine 3
Dr. Aicha DJEGHAR – IGTU-Université Constantine 3 (Algérie)
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Dr. Hicham CHENIKER- Ecole des forêts Khenchela
Dr. Mohamed SERBAH-ENS Bouzaréah, Alger.
Dr. Lyes BELAID- Université USTHB- Alger.
Dr. Habib Yahyaoui Université Batna 2 (Algérie)
Dr. Fouzia BOUDJEMLINE -ENS-Sétif.
Dr. Wafa MEDJITNA- Université Alger 2.
Dr. Amir AMAR- Université de Bejaia.

Organization committee

President of Organization committee: **Dr. Foudil KHALED** - LAGED- Université Constantine 3

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- Dr. Med Ikbal FARAH (CRAT)
- Dr Sara KEBLOUTI (CRAT)

Important dates

Conference Announcement: **10 February 2025**
Abstract Submission Deadline: **05 March 2025**
Notification of acceptance of abstracts: **05 April 2025**
Submission of extended abstracts: **30 April 2025**
Registration Deadline: **20 May 2025**
Conference Date: **15-16 June 2025**

Modalities of participation

Hybrid mode:

- In situ: at the conference room of the Urban Technical Management Institute of Constantine 3 (Ali Mendjeli)
- Online.
- Poster session.

Instruction to authors

Oral presentations or Posters.

Languages of presentation: Arabic, French, English.

Send abstract according to Template by the link: <https://forms.gle/L1kwM41BouH4n94H9>

Frais de participations

- Algerian teacher-researcher: **6000 DA**
- Algerian doctoral students: **3000 DA**
- Foreign teacher-researchers: **50 euros**
- Foreign PhD students: **30 euros**
- Professionals: **15 000 DA**



Scientific collaborators: The Bioclimatic Architecture and Environment Laboratory (ABE), Constantine 3 University (Algeria) Laboratory of Algerian Forests and Climate Change (LAFACC) National School of Forests



NB. The selected works will be published in the form of a collective work with an ISBN.