



People's Democratic Republic of Algeria
Ministry of higher education and scientific research
University of Ghardaia
Faculty of Natural and Life Sciences and Earth Sciences
Biology Department
In collaboration with



Valorization and conservation of arid ecosystems laboratory. "VCAEL"

ORGANIZES

International Congress on



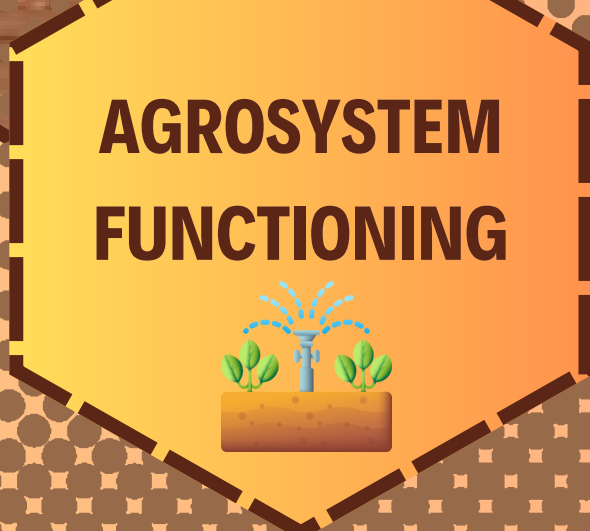
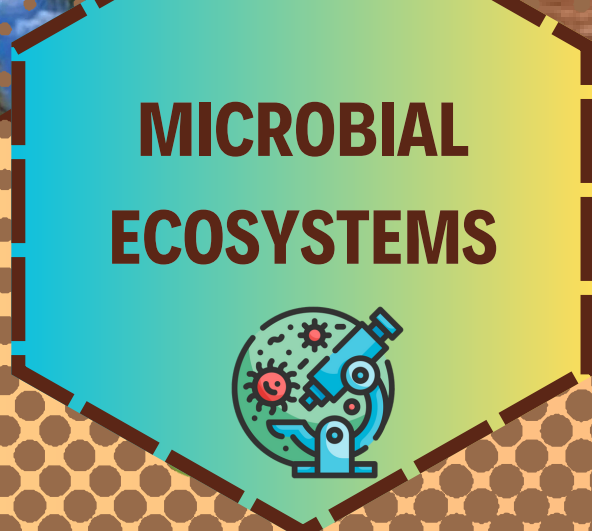
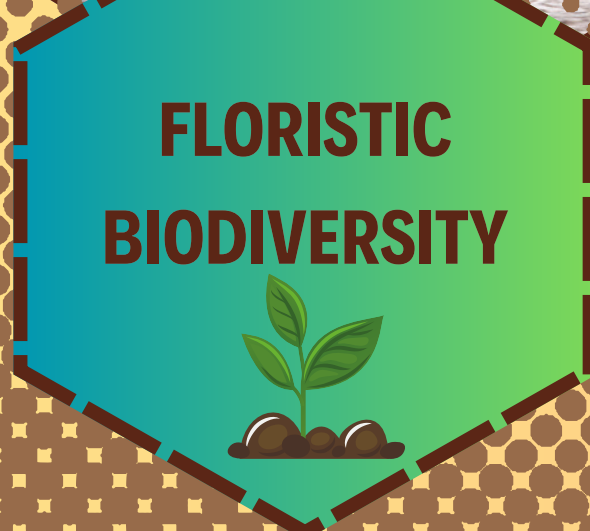
Valorization & Conservation of Arid Ecosystems



Ghardaia City
Ghardaia University



November, 25-27th 2025





INTERNATIONAL CONGRES

ABOUT THE CONGRESS

Arid ecosystems are facing major challenges caused by climate change, environmental degradation and excessive exploitation of resources, which are affecting the biodiversity and sustainability of these systems. In spite of being fragile, these environments have economic and ecological potential that can be exploited through innovative and sustainable strategies.

The ICVCAE_2025 congress aims to discuss ways of preserving arid ecosystems and developing their resources through a multidisciplinary approach encompassing environmental sciences, sustainable agriculture and the green economy. It also seeks to strengthen scientific research and international cooperation, propose concrete solutions to mitigate the effects of environmental degradation, enhance the value of arid ecosystems, and promote sustainable development based on the responsible use of resources.

REGISTRATION FEES

- Research professors 7000 DA.
- International researchers 150 Euro.
- PhD students 5000 DA.
- Professionals 6000 DA.
- Other 6000 DA.

KEY DATES

- Deadline for abstract submission: September, 20, 2025
- Notification of abstract acceptance: October, 26, 2025
- Notification of confirmation: beginning 1 November.

LANGUAGE OF THE CONGRES

- The official language of the International Conference meeting is English.



TOPIC 01



FLORISTIC BIODIVERSITY

This axis focuses on the diversity, classification and ecological roles of plant species, particularly in arid and fragile ecosystems. It contributes to the conservation of indigenous flora and the rehabilitation of degraded habitats.

TOPIC 02



FAUNISTIC BIODIVERSITY

This axis studies the diversity and distribution of animal species, from invertebrates to vertebrates, in natural and human influenced habitats. It aims to understand species adaptation, population dynamics, and conservation priorities.

TOPIC 03



MICROBIAL ECOSYSTEMS

This axis explores the diversity, roles, and interactions of microorganisms (bacteria, fungi, archaea, etc.) in various ecosystems, particularly arid and semi-arid environments. It focuses on microbial functions in nutrient cycling, soil fertility, and ecosystem resilience.

TOPIC 04



AGROSYSTEM FUNCTIONING

This axis analyses the structure and sustainability of agricultural systems, focusing on soil-plant-animal interactions, water management and the integration of biodiversity. The aim is to improve agricultural productivity while preserving the ecological balance.

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Rector of Ghardaia university, Algeria

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- PhD. student Ali Moulay Omar , Ghardaia University, Algeria
- Mr. Walid BEN AMMAR, Ghardaia University, Algeria
- Miss. Hafssa GUESSOUM, Ghardaia University, Algeria

Technical engineer:

- Mr. Kamel DADDA , Ghardaia university, Algeria





INTERNATIONAL CONGRESS ON
**THE VALORIZATION AND CONSERVATION
OF ARID ECOSYSTEMS**

NOVEMBER 25-27, 2025
GHARDAIA, ALGERIA

Speakers

- **Prof. Jose NAVARRO PEDREÑO**

Professor. ENVIRONMENTAL SCIENCE. Department of Agrochemistry and Environment. University Miguel Hernández of Elche. Edificio Alcudia 03202. Elche, Alicante, Spain.



- **Prof. Mohamed ABDALLAH ISSA**

Professor of Zoology, Harmful Animals Research Department, Plant Protection Research Institute, Agricultural Research Center, Prof. Issa has contributed to numerous peer-reviewed journals and research studies on avian ecology, biodiversity, and bird control. The published works focus on bird species structure, diversity, migration, impacts and invasive bird species



- **Prof. Sherif SAEED EBADA ELSAYED**

Professor at Department of Pharmacognosy, Faculty of Pharmacy, Ain Shams University, Organization of African Unity Street 1, 11566 Cairo, Egypt



- **Dr. Slim SMAOUI**

Associate Professor at the Laboratory of Microbial Biotechnology and Enzymatic Engineering (LMBEE), Centre of Biotechnology of Sfax (CBS), University of Sfax, Road Sidi Mansour Km 6, P.O. Box 1177, Sfax 3018, Tunisia.





INTERNATIONAL CONGRESS ON
**THE VALORIZATION AND CONSERVATION
OF ARID ECOSYSTEMS**

NOVEMBER 25-27, 2025
GHARDAIA, ALGERIA

Speakers

- **Prof. Youcef ALIOUA**

Professor, on the phylogeny and evolution of the genus *Frankia* (Universities of Lyon 1, France, and Tunis El Manar, Tunisia). Research Associate at Newcastle University (UK), and since 2020 serves as Senior Scientist and Curator of Actinobacteria at the Leibniz Institute DSMZ. Her career also includes university teaching and collaborations on industrial microbiology projects.



- **PROF. SERGIO RASMANN**

Professor at the University of Neuchâtel (UniNE) in Switzerland, where he heads the Functional Ecology Laboratory. He obtained his PhD in biology from UniNE in 2006. His research focuses on community ecology, studying evolutionary ecology and the mechanisms governing interactions between plants, other organisms, and the environment.



- **Prof. Noureddine BOURAS**

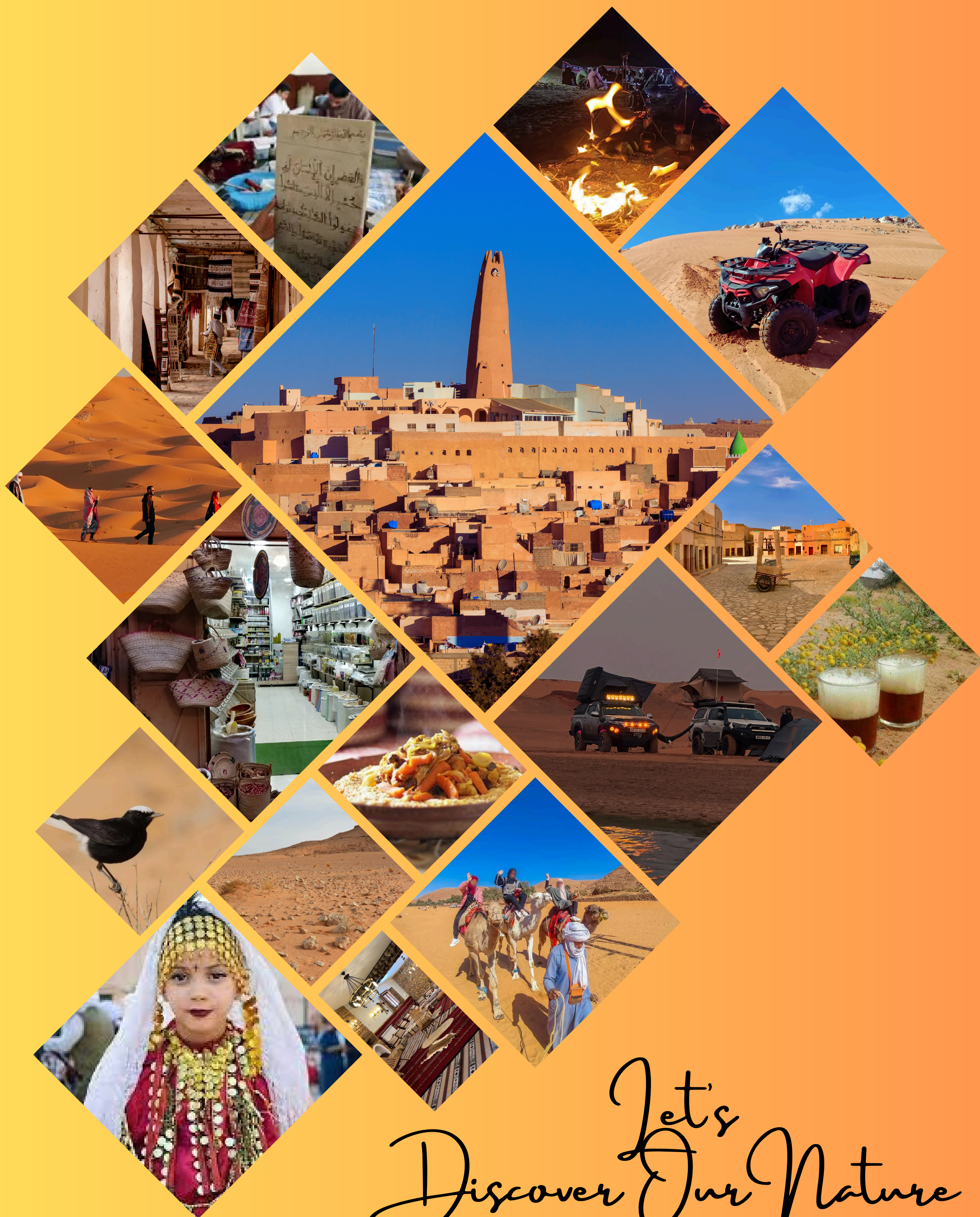
Professor in the Department of Biology, Faculty of Natural and Life Sciences and Earth Sciences, University of Ghardaïa. He is affiliated with the Laboratory of Valorization and Conservation of Arid Ecosystems (LVCEA), as well as the Microbial Systems Biology Laboratory (LBSM) at the École Normale Supérieure de Kouba, Algiers, Algeria. Prof. Bouras is a specialist in environmental microbiology, with a particular interest in the biodiversity of arid environments.



- **Prof. Salah Eddine SAADINE**

Professor of biology and ecology Department of Agronomy, University of Ghardaïa. B.P 455 Noumérate, Ghardaïa 47000, Algeria specialist in scorpions and their diversity in the Ghardaïa region. Applied Zoology and Animal Ecophysiology Laboratory (LZA), Faculty of Natural and Life Sciences, University of Ghardaïa. B.P 455 Noumérate, Ghardaïa 47000





Let's
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YEAR 2025
C I T Y

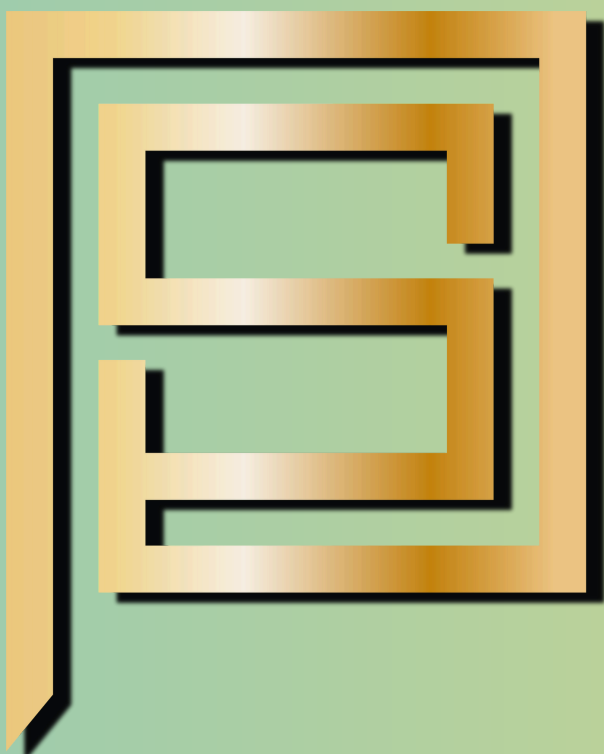


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