

Preamble

Important natural resources need to be managed rationally to preserve all their values and functions, as they have been significantly degraded or destroyed in recent decades, either by human activity or other biotic and abiotic factors. Interest in these resources has grown steadily in recent years. The properties of plants can be used to treat human pathologies, protect crops from pests, and fertilize the soil, given their richness in bioactive substances. They are also a resource for pollinators. Furthermore, along with wildlife, they form a good source of biomass. This can be used to produce electricity, heat, or biofuels through combustion and fermentation.

So this end, knowledge of this heritage is essential for the preservation and sustainable management of the environment.

This event provides a space for information and exchange on the positioning of research strongly influenced by very different technical, socio-economic and environmental contexts.

Objectives of the Conference

- 1- Update the state of knowledge and advances made in the development and transformation of biomass;
- 2- VABID-25 enables the sharing of knowledge and expertise with scientists from various backgrounds, young researchers, decision-makers, potential users, and social partners;
- 3- Popularize recent research results, explorations, and discoveries in the field of biomass for Sustainable Development.

Conference Topics

The Conference focuses on three main scientific activities: lectures (30 minutes), oral presentations (15 minutes), and posters (10 minutes of presentation during the coffee break).

Topics

- 1- Agriculture
- 2- Biomass Recovery Engineering
- 3- Biodiversity, Resource Conservation & Environment
- 4- Active Ingredients & Functional Foods
- 5- Importance of artificial intelligence in biodiversity and biotechnology



M'HAMED BOUGARA UNIVERSITY-BOUMERDES-
ALGERIA

Faculty of Sciences

Laboratory of Soft Technologies, Valorization, Physico-chemistry
of Biological Materials and Biodiversity



2nd International Conference on Biomass Valorization for Sustainable Development

**VABID – 25 / 03 & 04 December 2025,
Boumerdes – Algeria**

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Important dates

October 20: Deadline for abstract submissions (350-400 words).
 November 1: Notification of acceptance.
 November 15: Submission of the final version of accepted papers.

Registration fees

Student (Master /Ph.D) : 5000 DZD
 Academic / Researcher: 10000 DZD
 Exhibiting booth: 12000 DZD
 Industrial: 12000 DZD
 Registration fees include: Access to all scientific sessions, Conference materials, lunch & coffee breaks.

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