1ST INTERNATIONAL SEMINAR

Badji Mokhtar Annaba University

Faculty of Sciences

Department of Biology

Research Laboratory, PRIMA ASTER and PROSMALLAGRIMED projects

ISTSA-2024

TOWARDS SUSTAINABLE AGRICULTURE

Optimizing production chains











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18 & 19 Dec / 2024

Deadline for abstract submission: **15/11/2024**

Notification of acceptance: **1/12/2024**

Event schedule: **18-19/12/2024**

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Preamble

In the ight of the increasing challenges related to food security and the growing pressure on natural resources, agriculture in Algeria, like many other regions worldwide, urgently needs to transition toward more innovative and sustainable practices. Embracing modern solutions has become essential for ensuring resilient agricultural production while safeguarding the environment.

The integration of cutting-edge technologies, such as biotechnologies and artificial intelligence, presents significant opportunities to optimize efficiency throughout the entire agricultural chain. This includes not only the production phase but also the complete value chain, addressing socio-economic and environmental considerations.

Building on the outcomes of the PRIMA ProSmallAgriMed and Aster projects, this seminar aims to foster knowledge sharing and develop practical recommendations that promote sustainable agriculture.



Topics

❑ *Biodiversity for Sustainable Agriculture*

This theme explores the central role of biodiversity in agricultural systems, highlighting the overall dynamics of interactions among the various components within these systems.

❑ *Valorization of Plants By-Products*

This theme aims to optimize natural resources for sustainable applications in cosmetics, pharmaceuticals, and food, while also enhancing the value of by-products to diversify farm incomes.

❑ *Biotechnological Innovations in Agriculture*

This theme examines the latest advances in biotechnology and artificial intelligence and their applications in enhancing agricultural practices.

❑ *Agri-Food and Food Safety*

This theme emphasizes the role of technology in optimizing the agri-food chain, minimizing post-harvest losses, and ensuring sustainable resource management, all while improving the socio-economic conditions for farmers.

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Title of the communication: Centered, Times New Roman 14 Bold, Uppercase

Authors: Centered, Times New Roman 12, Communicating author's name underlined

Affiliations and email of the communicating author: Times New Roman 10, Centered, Italic

Abstract: Word (portrait format, max. 500 words), Times New Roman 12, Single-spaced, 2.5 cm margins

Keywords: Maximum of 5

Languages: Arabic, English, French

Registration Fees

University Faculty Members: 4000 DA/day and 8000 DA/2 days

Researchers: 4000 DA/day and 8000 DA/2 days

PhD Students: 3000 DA/day and 5000 DA/2 days

Others: 5000 DA

Exhibition Stand: 5000 DA

The registration fees cover: Seminar bag with documents / Lunch / Coffee breaks



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