

HONNORARY CHAIRMAN

Pr. Abed BOUADI

Rector of U. Mascara

Pr. Abderrahmane HAMIMED

Dean of FNLS

CONFERENCE CHAIR

Pr. Abdelkader HARIZIA

Head of GESD Laboratory

CONFERENCE CO-CHAIR

Pr. Mohammed Kamal BENHAOUA

Head of LABTEC-AI

Dr. Omar BAKHTI

Head of Mascara Incubator

CONFERENCE OBJECTIVES

Innovative solutions and decision-support tools are essential for agricultural development and can significantly enhance food security by improving crop management, adapting to climate change, managing resources more efficiently, and facilitating knowledge sharing and capacity building. These advancements are particularly important for our country. The objectives of the 1st NC- AI-Tools 2025 are centered on advancing the field of agronomy through:

- 1) Showcasing recent research findings and breakthroughs,
- 2) Offering a forum for experts to exchange knowledge and best practices,
- 3) Promoting networking and collaboration,
- 4) Pinpointing challenges and prospects in the creation of decision-support tools,
- 5) Assessing the influence of these tools on agricultural output and sustainability, and
- 6) inspiring their integration into existing methods, and initiatives.

In this conference, we will explore a range of innovative solutions and decision support tools that can help to optimize farming operations, reduce environmental impact, and increase profitability. From precision agriculture and remote sensing to decision support systems and machine learning, we will cover a variety of topics and showcase real-world examples of how these tools are being used to transform agriculture. The **1st NC- AI-Tools 2025** will be open to and relevant for a wide range of participants, including :

Students and academic researchers from various specializations in both agronomy and informatics fields (in order 1275).

Startups that focus on innovative agrisolutions and technologies



People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
Mustapha Stambouli University, Mascara
Faculty of Natural and Life Sciences

The Geo-Environment and Spaces Development Laboratory
organize



with the collaboration of

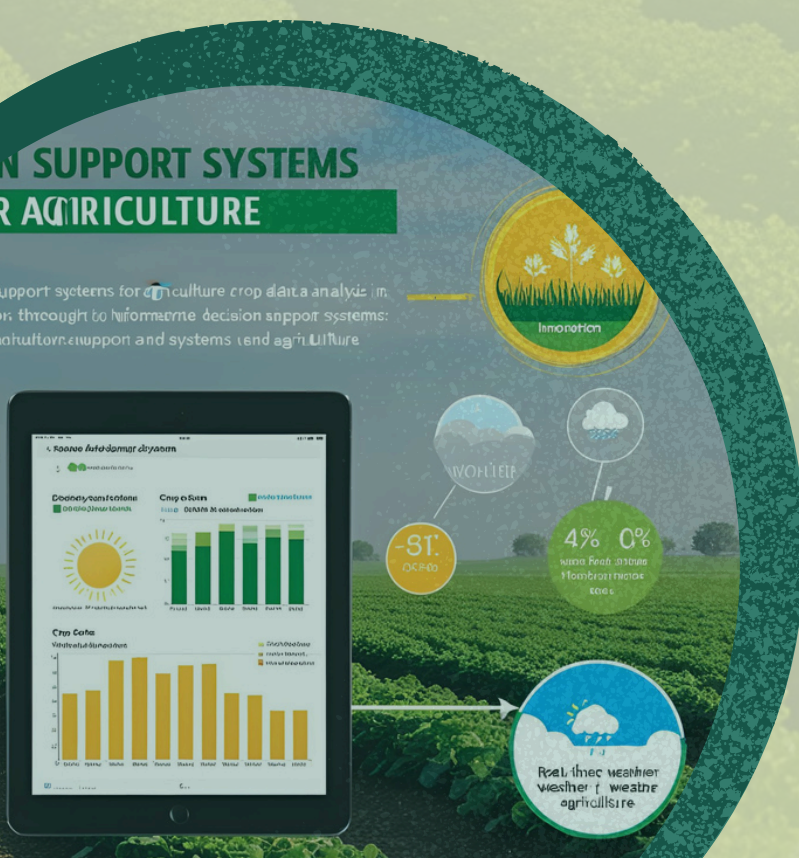


Technological Laboratory in Artificial Intelligence and Food Safety (LABTEC-IA)

1st NATIONAL CONFERENCE ON AGRICULTURAL INNOVATIONS & DECISION-SUPPORT TOOLS



1st NC-AI Tools - Presential on September 10-11 - 2025



CONFERENCE TOPICS

Themes and sub-themes but are not limited to :

- I. Precision Agriculture & Innovations
 - 1. Smart technology and innovation for farming practices
 - 2. Harvesting and Post-harvest Management
 - 3. Climate smart agriculture
- II. Decision Support Systems
 - 1. Tools and models for crop and Livestock production and Management
 - 2. Data quality, integration, and analysis in decision support systems.
 - 3. Decision Tools for Enhancing Food Security and Safety.
- III. Sustainable Agriculture
 - 1. Innovation and decision tools for promoting sustainable agriculture practices
 - 2. Sustainable agriculture food system.
 - 3. Biotechnologies in agriculture for food security

EXIBITION

Exhibition of company products is solicited for the areas related to the topics. Interested parties should contact the secretariat.

SCIENTIFIC COMMITTEE CHAIR

Pr. Abderrahmane HAMIMED U. Mascara

SCIENTIFIC COMMITTEE

- | | |
|-------------------------------|---------------|
| Pr. Abdelkader HARIZIA | U. Mascara |
| Pr. Mohammed Kamal BENHAOUA | U. Mascara |
| Pr. Abdelkader ELOUISSI | U. Mascara |
| Pr. Ramdane BENOUI | U. Msila |
| Pr. Fatma ACHEUK | U. Boumerdes |
| Pr. Mohamed BICHE | ENSA Alger |
| Pr. Houari YERROU | U. Mascara |
| Pr. Ali MILOUDI | U. Mascara |
| Pr. Amina MELIANI | U. Mascara |
| Pr. Khadidja YAHIAOUI | U. Mascara |
| Pr. Kada RIGHI | U. Mascara |
| Pr. Assia Fatiha | U. Mascara |
| Dr. Amine GHOULAMALLAH | U. Mostaganem |
| Dr. Abderrahmane CHEBLI | ENSA Alger |
| Dr. Souad MAKHLOUFI | CRSTRA NAAMA |
| Dr. Benali BENZATAAR | U. Mascara |
| Dr. Omar BAKHTI | U. Mascara |
| Dr. Benameur RABAIE | U. Oran 1 |
| Dr. Amine DAHANE | U. Oran 1 |
| Dr. Meriem MEDDEBER | U. Mascara |
| Dr. Cherifa BOUDIA | U. Mascara |
| Dr. Benamar BELGHERBI | U. Mascara |
| Dr. Abdelkader BENGUERA | U. Mascara |
| Dr. Khadidja BOUKRAA | U. Mascara |
| Dr. Tewfik Ahmed OUALID | U. Mascara |
| Dr. Mohamed GLIZ | U. Mascara |
| Dr. Yahia BOUKHARI | U. Mascara |
| Dr. Asmaa BELGHERBI | U. Mascara |
| Dr. Asmaa BELMIMOUN | U. Mascara |
| Dr. Youcef FEKIR | U. Mascara |
| Dr. kamel Lakhdar OULADDJEDID | U. Laghouat |

REGISTRATION FEE

Student: 2000 Da
Academic : 4000 Da
Industrial : 6000 Da

ORGANIZATION COMMITTEE CHAIR

Pr. Abdelkader HARIZIA U. Mascara

ORGANIZATION COMMITTEE

- | | |
|--------------------------|------------|
| Dr. Setti RIGHI | U. MASCARA |
| Dr. Zohra BENAOUF | U. MASCARA |
| Dr. Asmaa GUESSAB | U. MASCARA |
| Dr. Djamila BENDOUDA | ENSA Alger |
| Dr. Cherifa BOUDIA | U. MASCARA |
| Dr. Faiza MAHI | U. MASCARA |
| Dr. Hayet MEDDEBER | U. MASCARA |
| Dr. Sabrina ABID | U. MASCARA |
| Dr. Fouad KHATEMI | U. MASCARA |
| Dr. Houria BENKADNIA | U. MASCARA |
| Dr. Hadya BOUFERA | U. MASCARA |
| Dr. Houria BENFREHA | U. MASCARA |
| Dr. Mohammed HADJARI | U. MASCARA |
| Dr. Mourad ZOGLAMI | U. MASCARA |
| Dr. Mostefa KHELLADI | U. MASCARA |
| Dr. Mohammed ZAGANE | U. MASCARA |
| Dr. Brahim CHEROUATI | U. MASCARA |
| Dr. Bachir ZAHAFI | U. MASCARA |
| Mme Amel BATOUCHE | U. MASCARA |
| Mme. Razika HATTAL | U. MASCARA |
| Mme. Amina SOLTANI | U. MASCARA |
| Mme. Fatima Tahra LOUNIS | U. MASCARA |
| Mme. Nejla SELT | U. MASCARA |
| Mme. Kheira BENTAHAR | U. MASCARA |
| Mr. Ahmed BOUDAIB | U. MASCARA |
| Mr. Kheireddine CHARICHI | U. MASCARA |

CONFERENCE DEADLINES

Final Abstract Submission
02nd July
Notification of Acceptance
30th July
Date of the Conference
10-11th September

SUBMISSION GUIDELINES

Proposals should address the theme and/or sub-theme, and be written in English or Arabic, and should be original and have not been published before.

Guidelines for abstracts

Length: 250-300 words
Title: in bold 14 point Times New Roman
Theme: Address the theme (I, II or III)Authors' affiliations (not more than 5 authors), italic 10 point Times New Roman

The affiliation should contain:
Name of the institution(s)
Address(es) of the institution(s)
E-mail address(es) of the principal author
Text:
Use 1.5 line spacing, Times New Roman font, and font size 12
Keywords:
Provide 5 to 6 relevant keywords.

Online Submission

Interested authors are invited to register and submit their contributions via the following Google Form:

<https://forms.gle/4jk6hn2fnACLBWPu5>

You may also access the registration and submission form by scanning the QR code below.

Scan to Register



For more information, please contact us at:

nc.ai.tools.2025@gmail.com