

51st

International Fertilizer Conference



Towards the future of efficient fertilizer use in the Maghreb States



Tunis, Tunisia

October 20-22, 2025

Jointly organized by:

University of Carthage (UCAR), Tunis, Tunisia

National Agronomic Institute of Tunisia (INAT), Tunis, Tunisia

International Scientific Centre of Fertilizers (CIEC), Shenyang, P.R. China

Institute of Applied Ecology (IAE), Chinese Academy of Sciences, Shenyang, P.R. China

Nutrichem International, Bir Lahmer, Tunisia



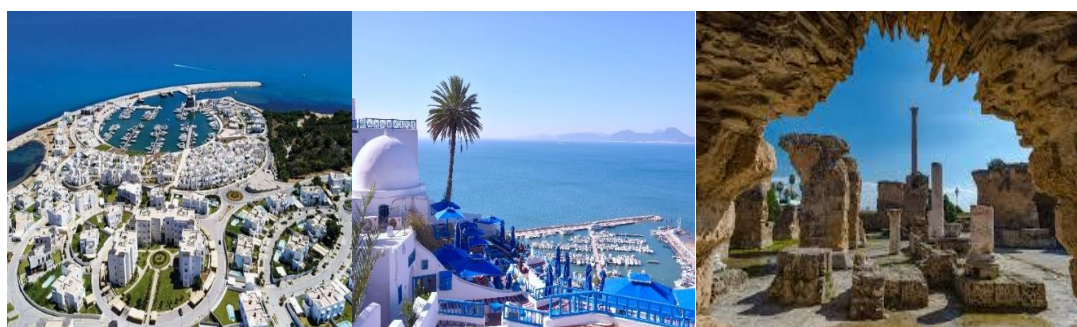


International Scientific Centre of Fertilizers (CIEC)

CIEC (International Center for Chemical Fertilizers) is the oldest scientific organization solemnly dedicated to all issues of fertilizers and fertilization. CIEC was founded in 1932/1933 at the first International Scientific Conferences for Fertilizers in Rome and Amsterdam. CIEC is a non-profit, non-governmental organization (NGO) and actually organized as a task force with membership on invitation only. CIEC was merged with CIEC-ASIA (founded in 2016) in 2019. CIEC provides annual events to present and discuss scientific issues of fertilizer research and encourage international networking between stakeholders in science, industry, and politics. Until today, CIEC conducted 18 World Fertilizer Congresses (in a 6-year rotation) in: Liniy, Beijing, Bucharest, Budapest, Chiang Mai, Ghent, Heidelberg, Lisbon, Moscow, Nicosia, Opatija, Rio de Janeiro, Rome (3), Shenyang, Vienna, Zurich (1932–2025: in total est. 12,300 participants) and 31 Fertilizer Symposia (held annually) in Athens, Bari, Benghazi, Berlin, Braunschweig (3), Balatonfüred, Cairo (2), Christchurch, Coimbra, Debrecen, Ghent, Goslar, Groningen, Guilin, Helsinki, Kuşadası, Nicosia, Pretoria, Puławy, Rome (2), Salamanca, Santa Clara, Son, Suceava, Tokat, Vienna (2) (1932–2023: in total est. 13,000 participants). Together, these are 50 events, making the event in Tunis, Tunisia in 2023 the ^t and the second one carrying the new branding « **51st International Fertilizer Conference** ».

Tunis–Venue of the 51st International Fertilizer Conference

Tunis, the capital of Tunisia, is a city known for its blend of rich history and modern development. Situated along the Mediterranean coast, it is the political, cultural, and economic heart of the country. The city is home to historical landmarks, bustling markets, and a vibrant contemporary atmosphere. Carthage, an ancient city that is part of modern-day Tunis, holds immense historical significance. Located just to the northeast of the capital, Carthage was once the center of the Phoenician empire and a major player in ancient Mediterranean trade. Today, it is an important archaeological site, featuring impressive ruins such as the Antonine Baths, the Punic harbor, and other remnants of its ancient glory.



The 51st CIEC International Fertilizer Conference will take place at the National Agronomic Institute of Tunisia (INAT), Tunis, Tunisia.



The National Agronomic Institute of Tunisia (INAT) is the oldest agricultural engineering school in Africa, founded in 1898. Located in El Mahrajène, Tunis, just 3 km from the city center and 4 km from Tunis-Carthage Airport, INAT operates under the supervision of the Ministry of Agriculture, Water Resources and Fisheries and the Ministry of Higher Education and Scientific Research. Affiliated with the University of Carthage, it offers high-level training and research in agronomy, environmental management, and agricultural engineering. INAT is also ISO 21001: 2018 certified, ensuring excellence in education and training for future agricultural leaders.

<http://www.inat.tn/fr/linstitut-0>



Scope of the 51st International Fertilizer Conference

Food security and food safety are of prime interest on a global scale as are environmental aspects and soil protection issues. Agricultural production in the Maghreb States faces stress factors such as drought and salinity so that fertilizer practices counteracting these adverse conditions are of prime relevance. CIEC's ambition is to strengthen scientific exchange and co-operation to support this global challenge. With almost 90 years of global networking in the fertilizer research sector the 51st CIEC International Fertilizer Conference will be a unique venue to present cutting edge science to pursue this ambitious project not only in the Maghreb region. The event is hosted by the University of Carthage (UCAR) in Tunis, Tunisia.

The 51st International Fertilizer Conference is thematically dedicated to issues of plant nutrition, soil science, fertilizers, and fertilization:

CIEC welcomes contributions in the following general **research areas**:

- Plant nutrition, fertilizers, and fertilization under various conditions
- Effects of stress factors on plant growth in the Maghreb States and similar regions
- Soil fertility

with a special focus on the following **thematic clusters**:

- Environmental issues in fertilization
- Fertilizer efficiency and sustainable practices
- Innovation in fertilizers and waste valorization
- Resilient agriculture and fertigation strategies
- Biodiversity and low-input agricultural strategies



Organization of the of the 51st International Fertilizer Conference CIEC Presidium

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National and International Scientists of the 51st International Fertilizer Conference

Malika Trabelsi Ayadi (INAT, Tunisia)
 Mehdi Ben Mimoun (INAT, Tunisia)
 Mustapha SANAA (INAT, Tunisia)
 Karima Kouki-Khalfallah (INAT, Tunisia)
 Sawsen Ayadi (INAT, Tunisia)
 Fatma Wassar (IRA, Tunisia)
 Rajae Dakhli (Nutrichem International, Tunis)
 Amel Chalbi (Arid Regions Institute (IRA), Tunisia)
 Jamil Ben Hamida (Ithmar for Agriculture Supplies, Libya)
 Bernd Lottermoser (Institute of Mineral Resources Engineering (RWTH, Aachen, Germany)
 Gerold Rahmann (Thuenen-Institute of Organic Farming, Germany)
 Ewald Schnug (Federal Research Centre for Cultivated Plants (JKI), Germany)
 Malcolm Hawkesford (Rothamsted Research, Harpenden, United Kingdom)
 Yanfen Wang (University of Chinese Academy of Sciences (UCAS), China)
 Francisco Garcia Sanchez (Spanish National Research Council ; Spain)
 Jie Li (Chinese Academy of Sciences, China)
 Zhen Li (Nanjing Agricultural University, China)
 Jetro Nkengafac (IRAD Ekona; Cameroon)

Local Organizing Committee of the 51st International Fertilizer Conference

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 Taher Jalouli (Head of international Cooperation, UCAR, Tunisia)
 Hajer Ferchichi (Head of Service in charge of the International Cooperation, UCAR, Tunisia)



Samir Ghodhbani (Financial Agent, UCAR, Tunisia)

Ines Hmissi (Head of IT, UCAR, Tunisia)

Mehrez Hammemi (Head of Scientific Research and University Evaluation Service, UCAR)

Leila Trabelsi (PMO, UCAR, Tunisia)

Mohamed Gargouri (PMO, UCAR, Tunisia)

Samir Tlahig (IRA, Mednine, Tunisia)

Marwa Zouari (PMO, UCAR, Tunisia)

Rajae Dakhli (Head of Research and Development, Nutrichem International, Tunis)

**Symposium Secretariat of the
51st International Fertilizer Conference**

Jie Li & Marwa Zouari (jjeli@iae.ac.cn, [cc. to marwa.zouari@ucar.tn](mailto:cc.to.marwa.zouari@ucar.tn))

**Registration and Publication of contributions to the
51st International Fertilizer Conference**

Registration for the 51st International Fertilizer Conference will be conducted exclusively online via the dedicated platform CIEC51: <https://ciec51.sciencesconf.org/>

To register on the CIEC51 platform (<https://ciec51.sciencesconf.org/>), please follow the steps below:

➤ **Step 1 – Access the Platform**

Go to the official website of the CIEC51 conference: <https://ciec51.sciencesconf.org/>

In the main menu on the left, click on **“Registration”**.

Then select **“I DO NOT HAVE AN ACCOUNT”** and click on **“Create an account.”**

➤ **Step 2 – Fill in the Account Creation Form**

Carefully complete the form with your personal information, then click on **“Create account.”** Please make sure to **enter your email address accurately** when creating your account.

➤ **Step 3 – Email Confirmation**

You will receive a confirmation email from *sciencesconf.org*.

Open the email and click on the link to validate your account.

➤ **Step 4 – Complete Your Registration**

Once logged in, go to **“My Space” > “My Registration”**, Carefully complete the form with your personal information then click **“Submit.”**



Step 1

Step 2

Step 3

Step 4

- **To submit your abstract**, click on **“Submit a contribution”** and carefully complete the form. Please use the required abstract template.

Important Dates:

- Abstract submission starts: **14 July 2025**
- Abstract submission deadline: **30 August 2025**
- Notification of acceptance via email: **15 September 2025**



**Official Language of the
51st International Fertilizer Conference**

Participants have to ensure that all abstract and presentations are in English before the commencement of the conference as there will be no translation facilities.

**Participation fee for the
51st International Fertilizer Conference**

The participation in the 51st CIEC International Fertilizer Conference is free! However, all personal expenses (travel and transport, accommodation, meals etc.) have to be covered by yourself!

Travel to Tunisia: please check the conditions for your country for immigration to Tunisia: if possible always prefer tourist visa!