

# 51<sup>st</sup>

## CIEC International Fertilizer Conference



International Scientific Centre of Fertilizers (CIEC)

## Towards the future of efficient fertilizer use in the Maghreb States



**Tunis, Tunisia**

**October 20-23, 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



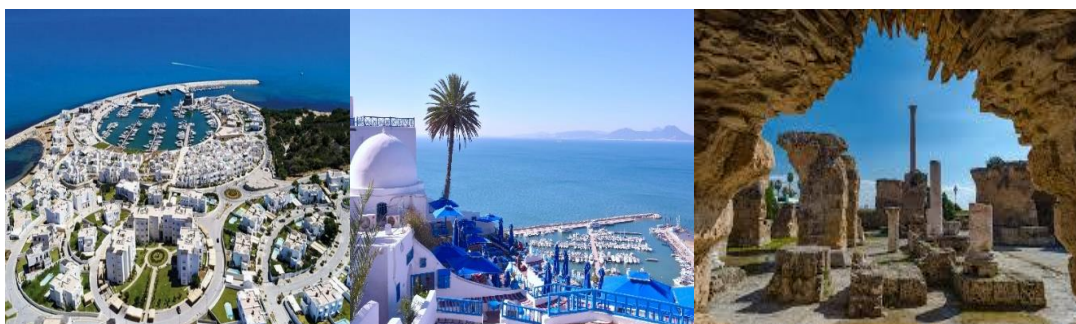


CIEC – at a glance (<http://ciec.iae.ac.cn/>)

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 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: Linyi, 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), Balatonfured, Cairo (2), Christchurch, Coimbra, Debrecen, Ghent, Goslar, Groningen, Guilin, Helsinki, Kusadasi, Nicosia, Pretoria, Pulawy, 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 51<sup>st</sup> and the second one carrying the new branding “CIEC International Fertilizer Conference”.

## Tunis – Venue of the 51<sup>st</sup> CIEC 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 the 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 51<sup>st</sup> 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 51<sup>st</sup> CIEC 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 fertilizer practices counteracting these adverse conditions are of prime relevance. CIEC's ambition is to strengthen scientific exchange and cooperation to support this global challenge. With almost 90 years of global networking in the fertilizer research sector, the 51<sup>st</sup> 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 51<sup>st</sup> CIEC 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
- Environmental issues in fertilization

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

- Fertilizers and fertilization
- Plant nutrition and nutrient use efficiency
- Compound fertilizers and balanced fertilization
- Novel fertilizer products (Control-release fertilizer)



- Bio-organic fertilizers, carbon-based fertilizers, and amino acid fertilizers
- Medium and trace element fertilizers
- Fertilizer synergist and biological regulator
- Fertilizer production and technology
- Fertilization and environment

## Organization of the 51<sup>st</sup> CIEC International Fertilizer Conference CIEC Presidium

Lanzhu Ji (President, P.R. China)  
 Xiaoyu Shi (Deputy President, P.R. China)  
 Lili Zhang (Deputy President, P.R. China)  
 Cristian Hera (Honorary President, Romania)  
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 Yanfen Wang (Vice President, P.R. China)  
 Xiaomi Xie (Vice President, P.R. China)  
 Farideh Yarahmadi (Vice President, Iran)  
 Marwa Zouari (Vice President, Tunisia)  
 Yuanliang Shi (Liason Officer Fertilizer Industry, P.R. China)  
 Liankai Zhang (Liason Officer Environment, P.R. China)  
 Silvia Haneklaus (Secretary General, Germany)  
 Jie Li (Deputy Secretary General, P.R. China)  
 Zhen Li (Deputy Secretary General, P.R. China)

## National and International Scientists of the 51<sup>st</sup> CIEC International Fertilizer Conference (The list of researchers is to be updated)

Malika Trabelsi Ayadi (INAT, Tunisia)  
 Mehdi Ben Mimoun (INAT, Tunisia)  
 Mustapha SANAA (INAT, Tunisia)  
 Karima Kouki-Khalfallah (INAT, Tunisia)  
 Sawsen Ayadi (INAT, Tunisia)  
 Ines Karmous (Faculty of Sciences of Bizerte (FSB), 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)  
 Ibrahim Ortas (Cukurova University, Turkey)



**Local Organizing Committee of the  
51<sup>st</sup> CIEC International Fertilizer Conference  
(The list of Local Organizing is to be updated)**

Nadia Mzoughi Aguir (President, UCAR, Tunisia)  
Mongi Besbes (Vice President, UCAR, Tunisia)  
Afef Abdelkrim (Vice President, UCAR, Tunisia)  
Wahida Boutabba (Secretary General, UCAR, Tunisia)  
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 Hermessi (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)  
Ghazi Krida (Director General, INAT, Tunisia)  
Rajae Dakhli (Head of Research and Development, Nutrichem International, Tunis)

**Symposium Secretariat of the  
51<sup>st</sup> CIEC International Fertilizer Conference**

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

**Publication of contributions to the  
51<sup>st</sup> CIEC International Fertilizer Conference**

Details on publications of contributions to the congress will be communicated with the 2<sup>nd</sup> announcement!

**Official Language of the  
51<sup>st</sup> CIEC International Fertilizer Conference**

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

**Submission of contributions to the  
51<sup>st</sup> CIEC International Fertilizer Conference**

Details on the Submission of contributions will be communicated with the 2<sup>nd</sup> announcement!

**Participation fee for the  
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Participation in the 51<sup>st</sup> 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 a tourist visa!