

2nd International Scientific Conference



**Adaptation and
mitigation of climate
change in agriculture
- an interdisciplinary approach**

ANNOUNCEMENT

**Osijek, Croatia
16-19 September, 2025**

**Faculty of Agrobiotechnical Sciences Osijek,
Josip Juraj Strossmayer University of Osijek**

and

Agricultural Institute Osijek, Croatia
Croatian Agency for Agriculture and Food, Croatia
Croatian Agrometeorological Society, Croatia
Croatian Meteorological and Hydrological Service, Croatia
Croatian Soil Tillage Research Organization (CROSTRO), Croatia
Faculty of Electrical Engineering, Computer Science and Information
Technology Osijek, Croatia
Faculty of Food Technology Osijek, Croatia
Croatian Meteorological Society, Croatia
Nofima The Norwegian food research institute, Norway
Josip Juraj Strossmayer University of Osijek, Croatia
Institut Ruđer Bošković, Croatia
Gansu Agricultural University, China
Faculty of Agriculture and Biotechnology, Poland
University of Zagreb Faculty of Agriculture, Croatia
Institute of Field and Vegetable Crops, Serbia

under the auspices of the

Balkan Environmental Association (B.E.N.A.)
International Soil Tillage Research Organization (ISTRO)
Ministry of Agriculture of the Republic of Croatia

organize

2nd International Scientific Conference „Agricultural Challenges to Climate Change“ Osijek, Croatia

16-19 September, 2025



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a greener tomorrow!
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Invitation

You are invited to participate in the 2nd International Scientific Conference „Agricultural Challenges to Climate Change“ with an oral communication, poster presentation, presentation of your institution/company or as a participant. Climate change has many faces. Today everyone is facing global threats known as climate change (CC). The main goal of the conference is to enhance the exchange and dissemination of knowledge, experience, ideas and research results in the scope of agriculture under the lights of the unstoppable climate changes of which we are witnesses. This conference also wishes to establish better and stronger networks between scientists from universities/research institutes and specialists from industry, trade or other related activities.

The main theme of the 2nd International Scientific Conference „Agricultural Challenges to Climate Change“ is Adaptation and mitigation of climate changes in agriculture - an interdisciplinary approach.



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Conference Topics:

- **Agriculture in the Era of Climate Change**
 - › Regenerative agriculture and carbon sequestration
 - › Precision farming and digital technologies
 - › Agroecology and organic agriculture
- **Impact of Climate Change on Global Food Security**
 - › Changes in crop adaptation (yields and quality, pests, diseases, weeds)
 - › Changes in animal husbandry
 - › Sustainable food strategies for the future
- **Water and Agriculture: Challenges and Adaptation**
 - › Water resource management and irrigation
 - › Droughts and extreme rainfall: solutions for resilient agriculture
 - › Use of wastewater in agriculture
- **Green Innovations and Technologies in Agriculture**
 - › Biotechnology and genetic modifications for resilient crops
 - › The role of artificial intelligence and satellite monitoring
 - › Carbon footprint in agriculture and renewable energy
- **Agricultural Policies and Global Adaptation Strategies**
 - › The EU Green Deal and agricultural policies
 - › The role of small and medium-sized farms
 - › International cooperation and climate action funding
- **Side Event: Blue-bio cofund projects (H2020)**

The sustainable use of aquatic bioresources in agriculture – Results from:

 - › SEASOIL project
 - › MARIGREEN project
- **Student's for a sustainable future**
 - › Contributions in all aspects of Agriculture and Climate Change

Abstracts not directly covered by the listed topics and addressed to agriculture and climate change will be assigned to the most related topic depending on the abstract topic. Sections will be formed depending on the topics of the abstracts submitted. Poster presentations will be organized within each section.



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Preliminary program

Conference preliminary schedule is as follows:

Tuesday 16 Sep 2025	Registration of participants Opening ceremony / Plenary Lectures
Wednesday 17 Sep 2025	Registration of participants Lectures // Poster / Workshop / Round table
Thursday 18 Sep 2025	Registration of participants Lectures // Poster / Workshop / Round table / Gala dinner
Friday 19 Sep 2025	Excursion - visit to the experimental stations for innovations and technologies // Lunch for the participants // Departure

Official languages

The official language of the Conference will be English.

Important dates

Deadline for abstract submission	13 th July 2025
Notification of acceptance	18 th July 2025
Fee payment deadline	1 st September 2025

Registration fee

Paid before 8 th August 2025 - „EARLY BIRD“	220 EUR
Paid after 8 th August 2025	270 EUR
Student „EARLY BIRD“ paid before 8 th August	110 EUR
Student paid after 8 th August	135 EUR
One-day participant*	135 EUR
Accompanying person**	135 EUR

* The Conference fee for one-day participant includes Promo material and Lectures

** Full Conference and Conference fee for an accompanying person includes Opening ceremony, Gala dinner and Excursion.

Registration fees are mandatory for all Conference participants.



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Instruction to authors

A one-page abstract in English should be written in Microsoft Word, font Times New Roman, size 12 points. Please, use the template that will be uploaded on the symposium website. Abstracts should contain the aim of the paper, methods, essential research results and a brief conclusion. Up to five keywords should be given, separated by commas. The title should be brief and precise, not more than 100 characters without spaces.

Abstracts may contain tables, graphs, drawings, etc. The document with abstract should be named after author's surname, abstract title and related topic of the conference (e.g. Surname_Title_1). Submitted abstracts will be reviewed by the Scientific Committee. Abstracts will be published in the Book of Abstracts if at least one registration fee was paid per abstract until 1st September 2025. When submitting abstracts, the authors should choose oral or poster presentation. Official language for oral presentation is English.

Poster should be in English and in dimensions 70 × 100 cm (width × height). The poster presentation will include oral exposure for up to two minutes. The Organizing Committee retains the right to select oral communications.

Contributions should be sent electronically to the e-mail address: **agriclimate@fazos.hr** by 13th July 2025 at the latest.

The link to the registration form can be found on the official website of the Conference.

Additional information

Web site: **<https://clima.fazos.hr/>**

E-mail: **agriclimate@fazos.hr**

Address (VENUE):

Faculty of Agrobiotechnical Sciences Osijek
Vladimira Preloga 1, 31000 Osijek, Croatia

President of Organizing Committee
Prof. Krunoslav Zmaić, PhD



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Welcome to OSIJEK
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