



Agricultural
Challenges to
Climate
Change

Conference program

Tuesday 16/9/2025

08:30 – 10:00

Registration

10:00 – 10:45

Opening Ceremony

10:45 – 11:30

Coffee break and Press release

11:30 – 13:30

Plenary Lectures

Moderators: Irena Jug, Lingling Li

11:30 – 12:00

Branislava Lalić

REIMAGINING SEASONS: TOWARDS A DATA-DRIVEN FRAMEWORK FOR SEASONAL CLASSIFICATION

12:00 – 12:30

Lingling Li

CROP PRODUCTIVITY AND SUSTAINABILITY IN RAINFED LOESS PLATEAU OF CHINA

12:30 – 13:00

Lech Gałęzewski

UNCERTAINTY OF SOILS MOISTURE MEASUREMENT

13:00 – 13:30

Marie Trydeman Knudsen

ENVIRONMENTAL IMPACTS OF SEAWEED – USING LIFE CYCLE ASSESSMENT AS A TOOL

13:30 – 14:30

Lunch

14:45 – 17:00

**Side Event: BlueBio cofund projects (H2020)
– SeaSoil and MARIGREEN**

Moderators: Ingrid Olesen (Nofima), Mathieu Lamandé (AU)

14:45 – 15:00

Ingrid Olesen, Alessio Bonaldo, Roberta Farina, Antje Gonera, Adam D. Hughes, Ståle Navrud, Francesco Orsini, Luca Parma and Raul Zornoza
MOVING BEYOND AGRICULTURE AND AQUACULTURE TO SUSTAINABLE FOOD SYSTEMS IN A CIRCULAR BIOECONOMY

15:00 – 15:15

Colin Hannon

OVERVIEW OF MACROALGAE VALUE CHAIN AND ROADMAP TO MARKET

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15:15 – 15:35	Marie Lillehammer, Evan Durland, Xinxin Wang, Philip James GENETIC VARIATION OF GROWTH AND HYPERSPECTRAL PROFILE IN SUGAR KELP FROM TWO NORWEGIAN REGIONS
16:00 – 16:30	Coffee break
16:00 – 16:15	Åsgeir Rossebø Almås, Løes, Anne-Kristin SOIL BIOGEOCHEMISTRY OF ARSENIC AND CADMIUM FOLLOWING SEAWEED AMENDMENTS IN COASTAL AGRONOMY
16:15 – 16:30	Ivezić Vladimir, Zebec Vladimir, Jović Jurica, Kristić Marija, Karin Kauer SOIL RESPIRATION RESPONSE TO APPLICATIONS OF DIVERSE SEAWEED PRODUCTS AND RESIDUES
16:30 – 16:45	Løes Anne-Kristin, Cabell Joshua, Ion Violeta Alexandra, Almås Åsgeir HOW TO USE MARINE-DERIVED RESIDUES FOR CROP NUTRITION
16:45 – 17:00	Violeta Alexandra Ion APPLICATION OF MARINE FERTILIZERS ON STRAWBERRY CULTIVATION

Wednesday 17/9/2025

9:30 – 11:00	Plenary Lectures Moderators: Danijel Jug, Ilija Djekic
9:30 – 10:00	Firat Arslan WATER MANAGEMENT CHALLENGES AND ADAPTATION STRATEGIES TO CLIMATE CHANGE IN ALANYA, TÜRKİYE
10:00 – 10:30	Ilija Djekic CARBON FOOTPRINT OF FOOD PRODUCTS - LIFE CYCLE APPROACH
10:30 – 11:00	Vojtech Lukas ADOPTION OF THE SITE-SPECIFIC CROP MANAGEMENT PRACTICES IN THE CZECH REPUBLIC
11:00 – 11:30	Coffee break
11:30 – 13:30	Round table (In Croatian language): "Climate-Smart Agriculture – Between Science and Practice" Moderators: Irena Jug, Ivica Kisić
13:30 – 14:30	Lunch
14:40 – 16:20	Lectures Moderators: Boris Đurđević, Apolka Ujj, Vlad Stoian
14:40 – 14:50	Jana Budimir-Marjanovic, Apolka Ujj, Shokhista Turdalieva, Isaac Duchez, Alhaji Alusine Kebe, Pias Roy, Maria Dania Apolonio, Sherwan Yassin Hammad SUSTAINABLE FARMING SOLUTIONS IN HUNGARY: INTEGRATING CONSERVATION TILLAGE WITH MICROBIAL INOCULANTS
14:50 – 15:00	Ivica Kisić, Igor Bogunovic, Marija Galic, Aleksandra Percin, Sebastiano Trevisani, Paulo Pereira TILLAGE STRATEGIES FOR MITIGATING OFFSITE POLLUTION IN SLOPED CROPLANDS

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15:00 – 15:10	Apolka Ujj, Jana Budimir-Marjanovic, Kinga Nagyné Pércsi, Annamária Harkányi, Paulina Jancsovszka CLIMATE ADAPTATION CHALLENGES FROM THE HUNGARIAN FARMERS PERSPECTIVE
15:10 – 15:20	Paulina Jancsovszka, Jana Budimir-Marjanović, Apolka Ujj AGROECOLOGY IN ACADEMIA – INSIGHTS OF THE ADVANCING AGROECOLOGY IN HIGHER EDUCATION CASEE PROJECT
15:20 – 15:30	Lucija Galić, Iva Nikolin, Zdenko Lončarić FUNCTIONAL CROPS: BIOFORTIFICATION
15:30 – 15:40	Berill Elizabet, Apolka Ujj, Jana Budimir-Marjanovic, Shokhista Turdalieva, Isaac Duchez, Alhaji Alusine Kebe, Sherwan Yassin Hammad, Pias Roy, Maria Dania Apolonio COMMUNITY AGROECOLOGY IN PRACTICE: VOLUNTEERING EXPERIENCES FROM THE SZIA GARDEN, GÖDÖLLŐ, HUNGARY
15:40 – 15:50	Iva Nikolin, Vladimir Ivezić, Jurica Jović, Marija Kristić, Vladimir Zebec SEAWEED APPLICATION IN AGRICULTURE AS CARBON SEQUESTRATION MANAGEMENT PRACTICE
15:50 – 16:00	Katarzyna Pużyńska, Joanna Korczyk-Szabó, Milan Macák, Monika Sterczyńska, Wiktor Halecki, Barbara Flipek-Mazur, Danijel Jug, Irena Jug, Wacław Jarecki, Petr Konvalina, Stanisław Pużyński GRAIN QUALITY OF WINTER WHEAT GROWN AFTER FABA BEAN AND WHEAT IN PURE AND MIXED SOWING IN TWO TILLAGE SYSTEMS
16:00 – 16:10	Marija Galić, Darija Bilandžija, Danijel Jug, Irena Jug, Željka Zgorelec EFFECTS OF TILLAGE SYSTEMS AND FERTILIZATION STRATEGIES ON SOIL CO ₂ EMISSIONS IN WINTER WHEAT VEGETATION IN KRIŽEVCI, CROATIA
16:10 – 16:20	Shokhista Turdalieva, Caleb Melenya Ocansey, Jana Budimir-Marjanovic, Arimelimanjaka Fanilo Nomentsoa, Eze Ujunwa Juliet, Apolka Ujj SELECTED AGROECOLOGICAL PRACTICES FOR FAVORABLE SOIL STRUCTURE: EFFECTS ON SOIL PENETRATION RESISTANCE, INFILTRATION, AND SOIL MOISTURE
16:20 – 16:30	Discussion

Thursday 18/9/2025

10:00 – 12:10

Lectures

Moderators: Jurica Jović, Bojana Brozović, Vladimir Ivezić

10:00 – 10:10

Sherwan Yassin HAMMAD, Gergő Péter Kovács, Apolka Ujj, Jana Budimir-Marjanovic, Berill Elizabet Kinik, Gábor Milics
PRECISION WEED MANAGEMENT: UAV MULTISPECTRAL IMAGING FOR AMBROSIA ARTEMISIIFOLIA DETECTION IN MAIZE CROPS

10:10 – 10:20

Boris Đurđević, Irena Jug, Danijel Jug, Brigita Popović, Vladimir Ivezić
TOWARDS AUTONOMOUS SOIL CARBON MEASURING: ROBOTIC PLATFORM FOR SOIL RESPIRATION AND CARBON STATUS DETECTION

10:20 – 10:30

Marin Kovačić, Josipa Štavalj, Aleksandar Uzunov, Irakli Janashia, Chen Chao, Maggie C Gill, Zlatko Puškadija
QUEEN RINGING FOR WINTER BROOD BREAK IN A CHANGING CLIMATE

10:30 – 10:40

Bojana Brozović, Irena Jug, Boris Đurđević, Iva Rojnica, Danijel Jug
WEED DYNAMICS AND MAIZE PRODUCTIVITY UNDER DIFFERENT CONSERVATIVE TILLAGE SYSTEMS AND NUTRIENT MANAGEMENT

10:40 – 10:50

Vojtěch Slezák, Tomáš Kaplánek, Vojtěch Lukas, Kateřina Kuchaříková, Tomáš Večerka, Jan Křen
COST EFFICIENCY OF SITE-SPECIFIC WEED APPLICATION IN WINTER WHEAT: A CASE STUDY

10:50 – 11:00

Katarina Perić, Sonja Vila, Sonja Petrović, Marijana Tucak
ALFALFA GENETIC RESOURCES AND THEIR APPLICATION IN CROP ADAPTATION TO CLIMATE CHANGE

11:00 – 11:10

Sonja Gvozdenac, Zagorka Crvenković Lozanov, Jelena Ovuka, Milica Škorić, Dejan Prvulović, Radenka Kolarov, Snežana Tanasković, Ljiljana Brbaklić, Sanja Mikić
CAN WE RELY ON SEED TOLERANCE OF WHEAT IN COMBATING THE RICE WEEVIL?

11:10 – 11:20

Stoian Vlad, Vâtcă Sorin, Stoian Valentina, Croitoru Adina-Eliza, Horváth Csaba, Magyari-Sáska Zsolt, Diaconu Aurelia, Dima Milica, Drăghici Reta, Nanu Ștefan, Paraschiv Alina
EXOCROP PROJECT OUTCOME – AN AGRONOMIC PERSPECTIVE ON SWEET POTATOES, COWPEA AND GROUNDNUT

11:20 – 11:30

Lucija Čok
GREENOVATION, SUN-SMART CITIES AND SOCIETIES

11:30 – 11:40

Njazi Bytyqi, Salih Salihu, Granit Zymeri, Mentor Thaqi
DRIVERS OF CONSUMER PREFERENCES FOR SELECTED VEGETABLES IN KOSOVO

11:40 – 11:50

Valentina Stoian, Sorin Vâtcă
PHYSIOLOGICAL RESPONSES OF MICROPLANTS IN AN AEROPONIC SYSTEM AS EMERGING SUSTAINABLE GREEN DEAL INITIATIVE

11:50 – 12:00

Josipa Štavalj, Aleksandar Martinović, Karolina Tucak, Zlatko Puškadija, Marin Kovačić
SEMEN QUALITY AND MORPHOLOGICAL CHARACTERISTICS OF HONEY BEE (APIS MELLIFERA) QUEENS MAINTAINED IN QUEEN BANK

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12:00 – 12:10 David Lopes, Pedro Lima, André Parreira, António Mexia
THE AZORES AGRICULTURAL MONITORING AND WARNING NETWORK
(RMAAA)

12:10 – 12:20 **Discussion**

12:20 – 13:00 **Coffee break**

13:00 – 14:30 **Poster section**

Moderators: Marin Kovačić, Jana Budimir-Marjanovic

Vesna Peršić, Goran Palijan, Boris Đurđević,
Davorka Hackenberger Kutuzović, Olga Jovanović Glavaš, Luca Zelić,
Jasenka Antunović Dunić, Branimir Hackenberger Kutuzović
EFFECTS OF DIFFERENT SOIL TYPES AND LAND USES ON MICROBIAL
ACTIVITY AND BARLEY PHOTOSYNTHETIC PERFORMANC

Paula Garbin, Gjino Šutić, Alessandra Bonoli
VALORIZATION OF WASTE WOOL AS A SUSTAINABLE FERTILIZER:
PRELIMINARY RESULTS ON TOMATO GROWTH USING WOOL PELLET
FERTILIZER IN A MEDITERRANEAN CONTEXT

Ivona Djurkin Kušec, Goran Kušec, Kristina Gvozdanović
PHENOMICS AND PRECISION LIVESTOCK FARMING: ADVANCING
CLIMATE-SMART MEAT PRODUCTION

Nina Cvenić
NEW VARIETES FOR A NEW CLIMATE: THE KEY TO AGRICULTURAL
ADAPTATION TO CLIMATE CHANGE

Marius-Victor Bîrsan, Laura Lupu, Lucian Sfîcă
CHANGES IN PRECIPITATION, AIR TEMPERATURE AND DROUGHT
SEVERITY OVER ROMANIA SINCE AD 1901

Monika Marković, Irena Jug, Danijel Jug, Bojana Brozović, Boris Đurđević,
Željko Barač
EFFICIENCY OF CONSERVATION TILLAGE SYSTEMS IN ENHANCING SOIL
WATER RETENTION

Katarina Perić, Tihomir Čupić, Goran Krizmanić, Branimir Tokić,
Marijana Tucak
ALFALFA CROP RESIDUES FOR SOIL CARBON SEQUESTRATION AS A
RESPONSE TO CLIMATE CHANGE

Mirjana Baban, Pero Mijić, Krunoslav Zmaić, Petra Prlić,
Snežana Trivunović, Ana-Marija Kovač
THE IMPACT OF CLIMATE CHANGE ON THE WELFARE AND
PERFORMANCE OF SPORT HORSES

Ivezić Vladimir, Kauer Karin, Pugliese Lorenzo, Lamandé Mathieu,
Løes Anne-Kristin, Almås Åsgeir
IMPACT OF SEAWEED APPLICATION TO SOIL ON ECOSYSTEM HEALTH

Veljko Vorkapić, Vesna Marčec Popović
THE MULTIFUNCTIONAL ROLE OF BIOCHAR IN CLIMATE CHANGE
MITIGATION

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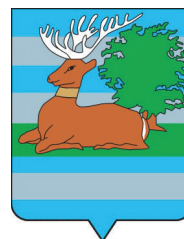


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