

Academy of Agricultural and Forestry Sciences "Gheorghe Ionescu – Șişești"
Horticulture Section

Research and Development Station for Viticulture and Winemaking Bujoru

Institute of Research and Development for Aquatic Ecology,
Fishing and Aquaculture, Galați



Symposium

Sustainability of agricultural technologies

**Sustenabilitatea tehnologiilor agricole, prezent și viitor
în condițiile schimbărilor climatice**

10:00 Receiving guests / Primirea invitaților

10:15 Opening / Deschidere

Gheorghe GLĂMAN

President of the Horticulture Section, Președintele secție de horticultură
Academy of Agricultural and Forestry Sciences of Romania „Gheorghe Ionescu – Șişești”
Academia de Științe Agricole și Silvicultură „Gheorghe Ionescu – Șişești”

Gabriel TABARANU

Manager / Director
Research and Development Station for Viticulture and Winemaking Bujoru
Stațiunea de Cercetare Dezvoltare pentru Viticultură și Vinificație Bujoru



- 10:30 Sustainable Island Agriculture and Indigenous Practices in India**
 PARTHA SARATHI SARKAR¹
¹Doctoral Scholar (Dept of Rural Studies), Tripura University, India
- 10:45 Agrilink: A Digital Platform for Sustainable Agricultural**
 ARPON CHOWDHURY¹, SANJIDA TASNIM²
¹ Department of Economics, University of Chittagong, Bangladesh
² Department of Public Administration, Gopalganj Science and Technology University, Bangladesh
- 11:00 Farmer Usability and Adoption Barriers of IoT-enabled Handheld Sensor Monitor for Chicken's Eco-physiological (Temperature, Humidity, Ammonia & Lighting levels) Management**
 ONUOHA I. OKOCHA¹, TERSEER SOMBU¹, MERCY C. IROHA²
¹Federal College of Education, Eha-Amufu, Enugu State, Nigeria
²Federal Polytechnic, Nekede, Imo State, Nigeria
- 11:15 The Effects of Soil Isolated Different Microalgae Inoculants on Soil Carbon Dioxide Emissions in Spring Barely**
 A.G.S.D. DE SILVA^{1,2}, Z.K. HASHIM^{1,2}, GY. KOVÁCS³,
 I.M. KULMÁNY^{1,2}, Z. MOLNÁR²
¹Széchenyi István University, Agricultural and Food Research Centre, Győr, Hungary
²Széchenyi István University, Albert Kázmér Faculty of Agricultural and Food Sciences, Department of Plant Sciences, Mosonmagyaróvár, Hungary
³Hungarian University of Agriculture and Life Sciences, Research Institute of Karcag, Karcag, Hungary
- 11:30 Alternative technologies for the sustainability of Bujoru viticulture**
 MIHAI TUDOR¹, GABRIEL TABABARANU¹, FERȚU IONELA DANIELA²
¹ Research and Development Station for Viticulture and Winemaking Bujoru, Romania
² Universitatea "Dunărea De Jos" Galați, Romania
- 11:45 Building Climate-Resilient Agriculture through Sustainable Technologies (RO)**
 MITICA ROMAN^{1,2}, ANGELICA DOBRE^{1,3},
 FLORICEL MARICEL DIMA^{1,4}, SILVIUS STANCIU²
¹Institutul de Cercetare-Dezvoltare pentru Ecologie Acvatică, Pescuit si Acvacultură Galați, Romania
² Universitatea "Dunărea De Jos" Galați, Romania
³ Universitatea de Științe Agronomice si Medicină Veterinară București, Romania
⁴ Facultatea de Inginerie și Agronomie Braila, Universitatea "Dunărea De Jos" Galați, Romania

- 12:00 Carbohydrate reserves as a tool for sustainable viticulture in a changing climate**
MARIA-DOINIȚA MUNTEAN¹, DANIELA POPESCU¹,
DORIN-IOAN MĂRGINEAN¹, ALEXANDRA DOINA SÎRBU¹,
IOANA SORINA GIURCĂ¹, VERONICA SANDA CHEDEA¹, MARIA COMȘA¹
¹ Research and Development Station for Viticulture and Oenology Blaj, Blaj, Alba
County, Romania
- 12:15 Sustainability in aquaculture in the context of climate change (RO)**
MIRCEA GHEORGHE NISTORENCU¹, F.M. DIMA^{1,2}, VIOREL PAUNOIU³
¹Institutul de Cercetare-Dezvoltare pentru Ecologie Acvatică, Pescuit și Acvacultură,
Galați, România
²Facultatea de Inginerie și Agronomie din Braila, Universitatea "Dunărea de Jos" din
Galati, Galați, România
³Facultatea de Inginerie, Universitatea "Dunarea de Jos" din Galati, România
- 12:30 Documentation study on the use of artificial electric fields on root zone
electrostimulation and *Vitis vinifera* L. plants (RO)**
VITĂNESCU M.¹, CIROMILA L.¹, BĂLAN A.¹, ANTON D.R.¹
¹ Departamentul de Cercetare Aplicată, Liceul Tehnologic nr. 1 Cudalbi, România
- 12:45 Presentation NuFARM**
- 13:00 Presentation MARCOSER**
- 13:15 Final discussion**

Time is Romanian time. Eastern European Time

<https://time.is/EET>

Online Connection – Zoom

<https://zoom.us/j/9191590947?pwd=Y3VoTnVCNmRJYmZuVWFaQjNzQlJJZz09&omn=91850577531>

Meeting ID: 919 159 0947, Passcode: x396zu

