



**ASABE Global Symposium on  
Sustainability of Agro-Eco-Systems  
through Climate Change Resilience**

# **Sustainability of Agro-Eco Systems through Climate Change Resilience**

**ASABE Global Engagement Conference  
Brasov, Romania  
March 15-18, 2026**

Organizing Committee:

Chair, K. Muthukumarappan, South Dakota State University  
Co-Chair, Gaceu Liviu, Transilvania University of Brasov  
Program, Robert Burns, University of Tennessee, Knoxville  
Program, Kumar Mallikarjunan, University of Minnesota  
Dharmendra Saraswat, Purdue University  
Oana Bianca Opera, Transilvania University of Brasov  
Austin Roepke, Caterpillar Inc.  
Yeyin Shi, University of Nebraska  
Akinbode Adedeji, University of Kentucky  
Ganesh Bora, Fayetteville State University

Session Topics:

- **Bioeconomy and Global Climate Change**
  - Circular Economy, Novel Renewable Energy Technologies, Climate Change Management
  - Bioproducts and Food Processing Related to Climate Resilience
  - Food, Water, Energy – Nexus
- **Biodiversity Capitalization and Preservation**
  - Promotion of Sustainable Agriculture and Mountain Economy
  - Sustainable Management of Agro-Eco System Resources (water, nutrient and other inputs)
  - Technology (Machinery) Innovations to Support Sustainable Production
  - Regulation and Policy for Regional and Global Sustainable Management of Agro-Eco Systems
- **Food and Nutrition Security, Health and Wellbeing**
  - Food Industry, Culinary Production and Advances in Gastronomy
  - Food Policy (addressing food deserts in big city centers and value chain integration)
  - Sanogeneous/Functional Food Products/Nutraceuticals
  - Impact of Climate Change and Sustainable Agriculture on Public Health
- **AI/Machine Learning and Data Science Role on Sustainability and Climate Resilience**
  - Role of AI/Machine Learning in Climate Smart Agriculture
  - Role of Data Science for Managing Sustainability

**Tentative program, subject to change. As of April 2025.**

*Sunday, March 15, 2026*

Evening: Opening Reception and Registration

*Monday, March 16, 2026*

8:00 - 9:00 Opening Ceremony

9:00 - 10:30 Plenary Session I

10:30 - 11:30 Coffee Break

11:30 - 1:00 Concurrent Sessions Group 1 (3)

1:00 - 2:00 Lunch

2:00 - 3:30 Concurrent Sessions Group 2 (3)

3:30 - 4:30 Snack Break and Networking

*Tuesday, March 17, 2026*

9:00 - 10:30 Plenary Session II

10:30 - 11:30 Coffee Break

11:30 - 1:00 Concurrent Sessions Group 3 (3)

1:00 - 2:00 Lunch

2:00 - 4:30 Poster Sessions

3:30 - 4:30 Snack Break and Networking

7:00 - 9:00 Gala Dinner

*Wednesday, March 18, 2026*

9:00 - 10:30 Plenary Session III

10:30 - 11:30 Coffee Break and Networking

11:30 - 1:00 Concurrent Sessions Group 4 (3)

1:00 - 2:00 Lunch

2:00 - 3:00 Closing Ceremony

Thursday and Friday reserved for arranged tours