



4th International Scientific Conference

AgroEco2022: Agroecosystem Sustainability:

Links between Carbon Sequestration in Soils, Food Security and Climate Change

Vytautas Magnus University, Agriculture Academy, Lithuania, 26–27 October, 2022

The conference addresses main issues related to soil health and food towards a chemical pesticide-free agriculture

PRELIMINARY PROGRAMME

26 October (Wednesday)

Central building, Studentu Str. 11, Akademija, Kaunas District

8 ⁰⁰ – 9 ⁰⁰	Registration, poster mounting and coffee
9 ⁰⁰ – 9 ³⁰	Opening of the conference Representative of Vytautas Magnus University, Representative of Lithuanian Academy of Sciences, Representative of the Ministry of Agriculture of the Republic of Lithuania
9 ³⁰ – 12 ³⁰	Plenary Session
9 ³⁰ – 9 ⁵⁰	Stability, robustness, vulnerability and resilience of agricultural systems Prof. Dr. Christian Huyghe, <i>National Research Institute for Agriculture, Food and Environment, France</i>
9 ⁵⁰ – 10 ¹⁰	Soil management effects on soil organic matter properties and carbon sequestration Prof. Dr. Jerzy Weber, <i>Wroclaw University of Environmental and Life Sciences, Poland</i>
10 ¹⁰ – 10 ³⁰	Rethinking resilient agriculture: From climate-smart agriculture to vulnerable-smart agriculture Prof. Dr. Hossein Azadi, <i>Ghent University, Belgium</i>
10 ³⁰ – 11 ⁰⁰	Coffee break, photograph of participants
11 ⁰⁰ – 11 ²⁰	Fertilization strategies in organic farming – challenges and prospects Dr. Sabine Zikeli, <i>University of Hohenheim, Germany</i>
11 ²⁰ – 11 ⁴⁰	Comparative analysis of soil-sampling methods used in precision agriculture Prof. Dr. Manuel Pérez-Ruiz, <i>University of Seville, Spain</i>
11 ⁴⁰ – 12 ⁰⁰	Applications of smart technologies for monitoring of food quality and safety to improve traceability and customers trust Assoc. Prof. Dr. Imran Aslan, <i>Bingol University, Turkey</i>
12 ⁰⁰ – 12 ³⁰	Management and spatial resolution effects on yield and water balance at regional scale in crop models Prof. Dr. Claas Nendel, <i>University of Potsdam, Germany</i>
12 ³⁰ – 13 ³⁰	Lunch, poster presentations
13 ³⁰ – 15 ⁰⁰	Oral presentations in Parallel Sessions 1–3 Session 1: Soil health and carbon sequestration for sustainability Session 2: Soil and crop management towards a chemical pesticide-free agriculture Session 3: Biodiversity, crop and production diversification
15 ⁰⁰ – 15 ³⁰	Coffee break, poster presentations

15 ³⁰ – 17 ⁰⁰	Oral presentations in Parallel Sessions 4–6 Session 4: Precision farming and digital technologies Session 5: Food quality and safety Session 6: Climate change mitigation
17 ⁰⁰ – 17 ³⁰	Concluding remarks and discussions Moderators: Prof. Dr. Vaclovas Bogužas, Assoc. Prof. Dr. Aida Adamavičienė, Assoc. Prof. Dr. Zita Kriaučiūnienė, <i>Vytautas Magnus University Agriculture Academy, Lithuania</i> ; Dr. Christian Huyghe, <i>INRAE, France</i> ; Prof. Dr. Jerzy Weber, <i>Wroclaw University of Environmental and Life Sciences, Poland</i> ; Dr. Sabine Zikeli, <i>University of Hohenheim, Germany</i> ; Prof. Dr. Hossein Azadi, <i>Ghent University, Belgium</i> ; Prof. Dr. Manuel Pérez-Ruiz, <i>University of Seville, Spain</i> ; Assoc. Prof. Dr. Imran Aslan, <i>Bingöl University, Turkey</i> ; Prof. Dr. Claas Nendel, <i>University of Potsdam, Germany</i>
18 ⁰⁰ – 22 ⁰⁰	Conference dinner with cultural program

27 October (Thursday)

Central building, Studentu Str. 11, Akademija, Kaunas District

9 ⁰⁰ – 11 ⁰⁰	Sessions 1–6 continues
11 ⁰⁰ – 11 ³⁰	Coffee break, poster presentations
11 ³⁰ – 12 ³⁰	Seminar Towards a chemical pesticide-free agriculture (TBC) Coordinators: Dr. Christian Huyghe, <i>INRAE, France</i> ; Prof. Dr. Vaclovas Bogužas, Prof. Dr. Kęstutis Romanekas, Assoc. Prof. Dr. Zita Kriaučiūnienė, <i>Vytautas Magnus University, Lithuania</i>
12 ³⁰ – 17 ⁰⁰	Field trip Coordinators: Prof. Dr. Kęstutis Romanekas, Prof. Dr. Vaclovas Bogužas, Assoc. Prof. Dr. Zita Kriaučiūnienė, Assoc. Prof. Rimantas Vaisvalavičius, Junior Researcher Dr. Vaida Steponavičienė, <i>Vytautas Magnus University, Lithuania</i>
17.00	Closing of the conference

The conference is supported by:



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