

TOWARDS ZERO POLLUTION – CHALLENGES AND PROSPECTS FOR AGRICULTURE AND FORESTRY

May 27, 2021
10⁰⁰–16⁰⁰ CET

Green Week 2021 Partner Event – international online conference

9³⁰–10⁰⁰ Log-in to *Teams* meeting

10⁰⁰–10²⁰ Opening of the conference
Gintaras Brazauskas, *Director of Lithuanian Research Centre for Agriculture and Forestry*
Prof. Dr. habil. Zenonas Dabkevičius, *Vice President of the Lithuanian Academy of Sciences*
Representatives from the Ministries of Education, Science and Sport, Agriculture, Environment of the Republic of Lithuania and Social partners

Session 1: Healthy soils – the background for planet survival

10²⁰–10⁴⁰ **Knowledge building and implementation on climate-smart sustainable agricultural soil management: from local to global scale**
Claire Chenu, *National Research Institute for Agriculture, Food and Environment (INRAE), AgroParisTech, France*

10⁴⁰–10⁵⁵ **The influence of soil management systems on soil quality and crop productivity**
Virginijus Feiza, *Lithuanian Research Centre for Agriculture and Forestry (LAMMC)*

10⁵⁵–11¹⁰ **Sustainable use of soil resources in the changing climate conditions**
Kęstutis Armolaitis, *Lithuanian Research Centre for Agriculture and Forestry*

11¹⁰–11²⁵ **The potential of phytoremediation of heavy metals and other pollutants from contaminated soils**
Danutė Karčauskienė, *Lithuanian Research Centre for Agriculture and Forestry*

11²⁵–11⁴⁰ **Biofortified and climate-resilient food and fodder production on marginal soils**
Virmantas Povilaitis, *Lithuanian Research Centre for Agriculture and Forestry*

11⁴⁰–12⁰⁰ Break



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POLLUTION
for healthier people and planet



Session 2: The importance of crop biodiversity in agriculture and forestry

- 12⁰⁰–12²⁰** **Breeding toolbox for sustainable food system of the Nordic-Baltic region**
Gintaras Brazauskas, *Lithuanian Research Centre for Agriculture and Forestry*
- 12²⁰–12⁴⁰** **Agroecological focus: contribution of legumes to green growth**
Žydrė Kadžiulienė, *Lithuanian Research Centre for Agriculture and Forestry*
- 12⁴⁰–13⁰⁰** **The role of non-food crops on the biodiversity in agriculture**
Efi Alexopoulou, *Centre for Renewable Energy Sources and Saving (CRESES), Greece*
- 13⁰⁰–13²⁰** **Insights into future forests: challenges of climate change and diseases, and possible measures to sustain functioning of forest ecosystems**
Audrius Menkis, *Swedish University of Agricultural Sciences (SLU)*
- 13²⁰–13⁴⁰** **Biotechnological research and exploitation of various physical, chemical and biological agents for the improvement of plant productivity**
Vaida Sirgedaitė-Šėžienė, *Lithuanian Research Centre for Agriculture and Forestry*
- 13⁴⁰–14⁰⁰** Break

Session 3: Reduction of synthetic pesticides and fertilizers – judgment or opportunity for agricultural farming?

- 14⁰⁰–14²⁰** **From local using of DSS till European Platform**
Berit Nordskog, *Norwegian Institute of Bioeconomy Research (NIBIO)*
- 14²⁰–14⁴⁰** **The role of integrated pest management in the Baltic region**
Roma Semaškienė, *Lithuanian Research Centre for Agriculture and Forestry*
- 14⁴⁰–15⁰⁰** **Prevention and reduction of soil borne diseases**
Antanas Ronis, *Lithuanian Research Centre for Agriculture and Forestry*
- 15⁰⁰–15²⁰** **Are the composts and digestates the future fertilizers?**
Romas Mažeika, *Lithuanian Research Centre for Agriculture and Forestry*
- 15²⁰–15⁴⁰** **The role of microorganisms in soil quality, crop productivity and environment**
Skaidrė Supronienė, *Lithuanian Research Centre for Agriculture and Forestry*
- 15⁴⁰–16⁰⁰** Closing of the conference, final remarks