First Call for Abstracts

Researchers, scientists and students, professionals from business sector, municipalities and social enterprises, entrepreneurs and authorities from all countries are welcome.

The main goal of the conference is to advance knowledge and research in the fields of environmental science and engineering. Plenary sessions, keynote speakers, seminars, and oral presentations of scientific papers help to achieve these goals. The conference's social setting encourages attendees from many nations and fields to learn from one another.

Background
Since 1997, Linnaeus Eco-Tech has been an academic tradition. Linnaeus University in Kalmar, Sweden, hosts the conference every second year. One of the conference's key objective is to encourage research and education collaboration among Baltic Sea region countries in order to achieve long-term sustainability. Environmental challenges have become increasingly visible as they have progressed from a local to a regional to a global concern.

Aims
Linnaeus Eco-Tech is focused on collaboration between universities, businesses, and policymakers, with the purpose of bridging connections across these sectors. The goal of such collaboration is to advance environmental technology and ensure long-term sustainability in the Baltic Sea Region and throughout the world. In the long run, this will result in a higher quality of life for humans.

Scientific Themes
The major themes are listed as below with suggested topics:

**Water/Wastewater and Ocean Pollution**
- Pollutions in water and oceans
- Climate change and water management
- Non-conventional treatment systems
- Leachate treatment
- Water and wastewater reuse, and technical solutions
- Water distribution from source to tap (freshwater)
- Health & hygienic materials (sustainable sanitation)
- Constructed wetland systems
- Industrial wastewater and stormwater management
- Harbor/port, bay and lagoon mining
- Effects of water transportation and leakage
- District heating and cooling

**Solid Waste**
- Waste management policies, strategies and directives
- Interdependence urban and rural areas
- Innovative waste minimization
- Beyond the zero waste
- Hazardous waste
- Waste to energy
- Storage of organic materials, waste fuels and recyclables
- Modern landfills
- Urban, landfill and glass mining
- Soil remediation
- Phytoremediation and future use
- Soil amendment and biochar
- Metal extraction and recovery
- Beach wrack handling
- Waste management in developing countries
- Dredging and sediment management in the circular economy
- Plastic in the environment
- Safety at waste and recycling industry
- Fires at recycling and power plants
- Biogas production

**Environment and Society**
- Triple/Quadruple Helix collaboration among university, industry, public sectors and civil society
- Environmental economics, awareness and education
- Effects of anthropogenic activities and environmental impact assessment
- Circular economy concept – innovation and environmental entrepreneurship
- Sustainable consumption and production pattern
- Smart Asset Management (SAM)
- Environmental communication, education and training modules and dissemination of knowledge
- Environmental law in practice

If any question, please contact: eco-tech@lnu.se

Main responsible:
Prof. William Hogland, tel: +46 (0)70 58 58 352

We are looking forward to seeing you at the 13th conference in Kalmar!