

WORKSHOP B Research Project – Ideas / Topics

- Odour emissions from municipal (wastewater and solid waste) utilities-assessment and abatement. Andrzej KULIG (andrzej.kulig@is.pw.edu.pl), Warsaw university of technology
- Climate change – plant stress resistance, MENDEL U
- Environmental- related fields, BUTE
- Environmental informatics and modeling (MU)
- Air containments from livestock production (WUELS)
- Persistent organic, pollutants – their effects on the environment and living organisms
- Climate change adaption and soil-water-climate-system changes (SZIU, Hungary)
- Environmental impact on soil and plants (SK, Nitra)
- Rural development, climate change and responses (Debrecen, HU)
- Environmental risk assessment – human health risk studies (MU)
- CASEE transitional food
- Climate change impacts on air quality in central europe . Andrzej KULIG (andrzej.kulig@is.pw.edu.pl), Warsaw university of technology
- Extreme weather events (WUELS)

- Faculty of agriculture, University of Osijek, Croatia: Genetic diversity of small grain crops (Sonja Maric, smaric@pfos.hr)
- Biotechnology(agricult, pharma., food, ...) BUTE
- Gene pool, biodiversity (plants, animals) MENDEL U
- Biodiversity /Protected area, management (Natura 2000) SZIU HUN

- Molecular diagnostic of emergent viruses of plants and animals. Test-systems (PCR based), DNA markers, gene banks, ... (KIEV, Maksym Melnychuk)
- Molecular breeding, genome modifications (“next generation technologies”), MU
- Understanding evolution-based strategies of biological systems, MU
- Classical & molecular methods in plant breeding/ plant biotechnology (SZIU; HU)
- Short rotation coppic & technology/ use(SZIU, HU)
- Carbon footprint, methods in agriculture (SZIU, HU)
- Renewable energy, BUTE
- Bioenergy, biofuels, bioenergy-management, biotechnics (KIEV, Maksym M.)

- Biofeed additives in animal nutrition, WUELS
- Animal nutrition & feed safety, SZIU, HUN
- Organic farming and food quality (SK, Nitra)
- Farm animal welfare & animal keeping-standards for buildings (SZIU, HUN)
- Faculty of agriculture Osijek, Quality of food and animal products (S. Maric)
- Food safety and quality (MENDEL Univ.)
- BUTE
 - Food Science and technology (incl. safeties, QM, etc.)
 - Biotechnology (agricult. , pharma, food)
 - Environmental selected fields

- Cultural Landscape, Sustainable agriculture, MENDEL U
- Wildlife management (SZIU; HUN)
- Cultural landscape protection, WUELS
- Wildlife Management, Sonja Maric
- Cultural landscape, ecological stability and biodiversity indicators, SK-Nitra
- Green roofs, WUELS, Wroclaw
- Sustainable human settlements, green areas and parks (SK-Nitra)
- Soil and Land Management
- Nature protection in hydrotechnical devices, WUELS, Wroclaw
- Land use changes effects on biodiversity, rural-development and natural resource use (SZIU,Hungary)
- Sustainable land use + management (e.g. for bio-energy), EFICEEC
- Forest fire prevention and prognosis in the area of Chernobyl Nuclear Power station; Kiev, Ukraine, contact person: Dr. Maksym Melnychuk (maksym@nauu.kiev.ua)
- Soil pollution by heavy metals & remediation, WUELS, WROCLAW
- Soil pollution by pesticides & heavy metals. Monitoring, identification and prevention. Kiev, University of Life & Environmental Sciences. Contact person: Maksym Melnychuk (maksym@nauu.kiev.ua)
- Uptake of heavy metals in plants, University of Osijek, Croatia, Sonja Marić (smaric@pfos.hr)
- Forest Ecosystems- Sustainable Management (MENDEL U)
- Urban Sprawl indicators, WUELS, Wroclaw
- Modernizing Waste Management Systems in CEE, sustainable technologies, planning, policies,...; Roland Linzner, Institute of Waste Management BOKU
- Remediation of old Landfills/Industrial Sites; R. Linzner, Inst. of Waste Management, BOKU
- Informal sector activities in waste management
 - social inclusion/ formalization
 - changing systems- what is happening with informal people?
 Institute of Waste Management, BOKU,
- Land and Water Management, Post-Industrial site reclamation, Analysis of remotely sensed and ground-based data for terrestrial environmental monitoring. Andrzej KULIG (andrzej.kulig@is.pw.edu.pl), Warsaw university of technology
- Water, Waste-water (BUTE)
- Hydrology and Hydraulic Engineering, interested in hydraulic engineering (georg. Schuster@boku.ac.at), Institute of Waste Management BOKU
- Monitoring fresh water fish stocks, → Environmental/Ecological Indicators (SZIU, HUN)