

Welcome message

In the light of the Paris Agreement and the necessity to reduce all anthropogenic CO₂ emissions globally to net zero around the year 2050, peatland rewetting and innovative land use concepts for wet peatlands are an important contribution to achieve the goal. The first two RRR conferences on the utilisation of wetland plants (paludiculture) were held in 2013 and 2017 in Greifswald. The Greifswald Mire Centre warmly invites you to continue this dialogue and to use the 3rd RRR conference as a platform for exchange.

Save the date!

The use of wetland biomass has a long tradition in human history and has been revived by global research activities on renewable resources. This conference brings together the various actors from research, governance and practice that deal with the utilisation of wetland plants. The focus is on paludiculture, i.e. agriculture and forestry on wet or rewetted peatlands. The main objectives of the conference are building and fostering networks, exchanging experience and information as well as identifying research demands. Therefore, this conference addresses scientists, land owners, land users, administration and environmentalists alike.

Scope of the conference

The production and utilisation of wetland biomass offers manifold opportunities to address the increasing and diversifying demand for biomass and can reduce the competition between biofuel and food production. Wetland biomass can substitute fossil resources as a raw material for manufacturing and industry and for energy production, and it can also provide food: e.g. directly with berries or products from the water buffalo, or indirectly with cattail and Azolla as fodder for livestock as well as with peat moss, cattail and alder wood fiber as components of growing media.

The cultivation and utilisation of paludiculture crops can provide sustainable land use options for peatlands. The rewetting of degraded peatlands for paludiculture with water tables raised to the soil surface reduces greenhouse gas emissions and restores many other ecosystem services like nutrient removal, water retention and habitat provision.

Key topics

- Biomass to product
- Paludiculture and food production
- Paludiculture with trees
- Greenhouse gas emissions and other climate effects
- Water and nutrient dynamics
- Vegetation development after rewetting and biodiversity
- Regional and national transition of peatland use & socio-economics
- Stakeholders and acceptance
- Framework conditions and policy support
- Case studies

Share your research findings!

We invite you to submit an abstract for oral or poster presentation on the key topics. See www.rrr2021.com for details.

Subscribe via email to the conference updates: info@rrr2021.com



