

3rd International Conference on the Utilisation of Wetland Plants

RRR2021

Renewable Resources from Wet and Rewetted Peatlands

March 09th - 11th 2021 Greifswald, Germany



RRR2021

Welcome message

In the light of the Paris Agreement and the necessity to reduce all anthropogenic CO_2 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



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Programme & details

Presentations, discussions, posters and excursions will allow you to share and widen your knowledge. All poster presenters will have the opportunity to give a short introduction to their topic.

Excursions

Destinations will include rewetted peatland sites and examples of biomass processing in Germany.

- Cattail farming, wet meadow management and wetland biomass heating plant in the Peene river valley
- · Alder farming and rewetted alder carr
- · Sphagnum farming sites (Hankhauser Moor)
- · Fen restoration in the Peene river valley
- Restoration of a coastal flood mire ('Karrendorfer Wiesen' near Greifswald) and Greifswald Mire Centre (Databases and research facilities)

Exhibition

We provide space for contractors, manufacturers and any other stakeholders to present their relevant products and projects at an indoor and outdoor exhibition. For details please contact info@rrr2021.com.

Conference week

In March 2021, the Greifswald Mire Centre hosts a conference on paludiculture. It includes an international conference, excursions, as well as technical exhibitions.





Registration fees

Fees will be announced at www.rrr2021.com. We encourage offsetting of conference related greenhouse gas emissions via MoorFutures.

Conference venue & contact

University of Greifswald Campus Loefflerstraße Loefflerstraße 23 17489 Greifswald, Germany

Email: info@rrr2021.com www.rrr2021.com

Support

If you are interested to provide financial support to the conference, please contact info@rrr2021.com.

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Conference venue



Greifswald is surrounded by fen peatlands and reedbeds. There is a traditional connection to peatlands, because thick peat deposits along the Baltic coast, at the inland lake shores and along the streams, cover in total 12.5 % of the land surface of the state Mecklenburg-Vorpommern. It is therefore not surprising, that also peatland studies have a long history of 200 years in Greifswald. Over the last 30 years research focussed i.a. on peatland restoration and sustainable peatland utilisation (paludiculture).



The Hanseatic city of Greifswald

The city of Greifswald, situated in northeastern Germany at the Baltic Sea coast, has been a founding member of the Hanseatic League of Towns. It is situated amidst extensive forests, peatlands, and lakes, including national parks and biosphere reserves and many large restoration projects. The market square with its medieval churches offers the visitor one of the most beautiful Northern German market place ensembles.

Host institution

The Greifswald Mire Centre is the interface between science, policy and practice in all peatland related questions – locally and globally. It unites some 70 peatland experts in one place. Partners in the Greifswald Mire Centre are the University of Greifwald, the Succow Foundation and DUENE e.V. The Greifswald Mire Centre offers science-based solutions for social challenges related to peatlands such as climate protection, biodiversity conservation and sustainable use. www.greifswaldmoor.de



Partners in the Greifswald Mire Centre







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