2nd Announcement
& Call for Abstracts

GREIFSWALD
MIRE
CENTRE

3rd International Conference
on the Utilisation of Wetland Plants

RRR2021

virtual conference

Renewable Resources from Wet and Rewetted Peatlands

March 09th - 11th 2021

IMPORTANT DATES	2020/2021
Abstract submission	September 30th
Notification of acceptance	November 15th
Registration deadline	February 20th

RRR2021

virtual conference

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 this 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.

COVID-19

... prohibits the planned in-person conference, while research and implementation of paludiculture are rapidly evolving. We acknowledge the need for international exchange and are looking forward to exploring the opportunities of an inspiring virtual conference together with you!

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.

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

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.

Share your research findings!

We invite you to submit an abstract for a presentation on the key topics. Abstract submission opens beginning of September. Submission deadline is September 30th 2020.

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

Programme & details

Video presentations, online discussion forums, posters and virtual excursions will allow you to share and widen your knowledge.

Virtual special workshops

For special issues and discussions we would like to provide the possibility for meeting in small groups via virtual workshops. To check the demand of that format, we kindly ask you to indicate your interest with a short abstract: info@rrr2021.com.

Virtual excursions

Excursions represent one of the most enjoyable and inspiring part of the programme when traveling to conferences. Virtual excursions will give us the opportunity to visit places in different countries within one conference! We invite you to prepare a short video for taking participants to your pilots and sharing your knowledge and experiences of your research project. Please write a short summary what you want to present and send it to info@rrr2021.com. We will give technical support and advice how to set up your video. We recommend you to start planning soon to use the current vegetation period for recording.

Virtual exhibition

We will open a virtual exhibition room for contractors, manufacturers and any other stakeholders to present their wetland related products, services and projects online. Please write a short summary what you want to present and send it to info@rrr2021.com.

Registration fees

Regular virtual: 60 €, reduced virtual: 30 €. Please contact us if you have problems financing your participation. We'll try to find a solution.

Support

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

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.

Contact

Greifswald Mire Centre
Ellernholzstraße 1/3, 17489 Greifswald
info@rrr2021.com, www.greifswaldmoor.de

GREIFSWALD
MIRE
CENTRE

Partners in the Greifswald Mire Centre:

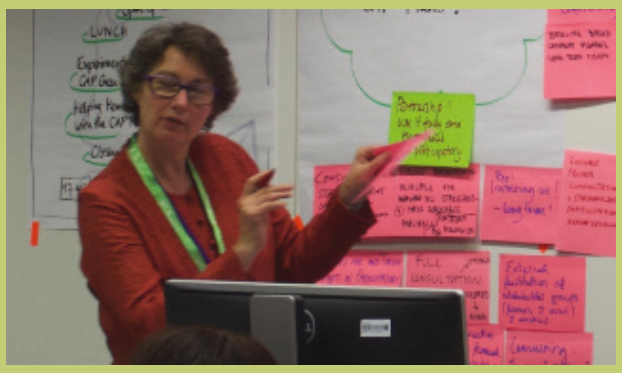
UNIVERSITÄT GREIFSWALD
Wissen lockt. Seit 1456

Succow Stiftung

DUENE e.V.
at the Institute of Botany and Landscape Ecology

See www.rrr2021.com for more details.

Keynotes



Prof. Dr. Hans Joosten

University of Greifswald, Germany

Hans Joosten studied biology and worked as academic researcher and policy officer in the Netherlands. Since 1996 he leads the Department of Peatland Studies and Palaeoecology of Greifswald University (Germany), since 2008 as an Extraordinary Professor. A key research topic of his group is the development of paludiculture (a term he coined in 1998). In 2016 he edited, together with Wendelin Wichtmann and Christian Schröder, the first textbook on paludiculture. Hans Joosten is Secretary-General of the International Mire Conservation Group and since 2009 intensively involved in UNFCCC and IPCC, especially with respect to emissions from organic soils, and in FAO in advancing climate-responsible peatland management.

In his keynote speech, Hans Joosten will elaborate how the concept of paludiculture has developed from a niche management option into an inevitable and comprehensive policy strategy to comply with the Paris Agreement and the Sustainable Development Goals. Both political and technical progress has been impressive but is still far from sufficient. Hans will discuss the constraints, challenges, options and perspectives to scale up paludiculture worldwide to reach the ultimate goal: having all peatlands wet again by 2050.

Zélie Peppiette

European Commission, Belgium

Zélie Peppiette is based in Brussels and works in the Directorate-General for Agriculture and Rural Development of the European Commission. She is advisor to the Deputy Director-General in charge of sustainability, income support and rural development. Among many other tasks, she has been instrumental in setting up Round tables on the Green Architecture of the Common Agricultural Policy (CAP) of the European Union in 2018-2019, facilitating exchange between agricultural and environmental stakeholders.

She will consider the implications of the future EU policy framework on peatland use in the EU, in particular how the Common Agricultural Policy may affect peatlands and paludiculture.

Keynotes

Dr. Bärbel Tiemeyer

Thünen-Institute, Germany

Dr. Bärbel Tiemeyer studied Land Management and Environmental Protection at Rostock University and Sustainable Management of the Water Environment at the University of Newcastle upon Tyne. After returning to Rostock for her PhD, she has been working at the Thünen-Institute since 2010. The Institute of Climate-Smart Agriculture is responsible for the sectors agriculture and LULUCF of the German GHG inventory. She heads this institute's Peatland Group. Besides conducting research projects on GHG fluxes, hydrology and water quality, the group is responsible for deriving emission factors and regionalisation methods for organic soils in the greenhouse gas inventory.

Bärbel Tiemeyer will give a keynote on GHG emissions from organic soils in Germany – status quo and mitigation options – presenting the current methodology for organic soils in the GHG inventory and its underlying data. Spatial data comprise high resolution maps of land-use, type of organic soil and a map of mean annual water table. Emissions of CO_2, N_2O and CH_4 were synthesized from a large data set. Further, results of recent projects on different management options including water management by ditch blocking and submerged drains in grasslands and paludiculture will be presented and discussed.

Prof. Dr. Kristiina Regina

Natural Resources Institute Finland (Luke), Finland

Kristiina Regina is an environmental scientist employed by the Natural Resources Institute Finland (Luke). She has studied GHG fluxes and their mitigation on drained peat soils since 1992 but has studied widely soil management options also on mineral soils. Her work has been a combination of experimental work, development of the greenhouse gas inventory and studying the incentives for climate smart land use. She started the first field experiments on paludiculture in Finland. She is a member of the Finnish Climate Change Panel since 2016 but has even before that served as a link between researchers and policy makers.

Kristiina Regina will discuss current and future peatland use in Europe reflecting on socioeconomic implications, and with a particular focus on the Scandinavian perspective.