

RRR2025 - Programme

Day 1 - Tuesday - 23rd September 2025				
8:30/9:00 - 10:30	Workshops			
	Exploring future visions of peatlands applying the Three Horizons Approach	Myriat! bioconversion potential of paludicultural feedstocks (Typha sp. and Sphagnum sp.)	Digitalized peatland vegetation mapping to derive greenhouse gas emissions - the GEM-APP	Wetland transitions: Opportunities and trade-offs for paludiculture in reaching nature restoration targets
Coffee break (10:30 - 11:00, Foyer)				
11:00 - 12:30	Workshops			
	Unlocking the Potential of Alternative Fibre Sources: Challenges, Solutions, and the Path Forward	Exploring Stakeholder Perspectives and Incentive Mechanisms in Peatland Rewetting	Country specific definitions of organic soils	Smart Paludiculture Workshop
Lunch break (12:30 - 13:30, Mensa)				
Welcome - Dr. Franziska Tanneberger				
13:30-14:30 Keynote: Dr. Christian Fritz "Train To Paludiculture"				
14:30 - 15:15 Coffee break (15:15 - 16:00, Foyer)				
16:00 - 17:30	Session 1 (Inclusive Poster pitches, see list below)			
	Ecosystem Services 1: Bärbel Tanneberger	Lessons Learned: Rebekka Arts	Governance: Sabine Wichmann	
	Jörben Geurts: Quantification of ecosystem services in paludicultures with Typha and Phragmites	Ike Onoja: A decade of paludiculture in Latvia: progress, challenges and new directions	Anke Nordt: Obstacles, major fields of actions and financial requirements to promote implementation of paludiculture in Germany	
	Adam Moritz: Estimating Carbon Accumulation in Helophyte Paludicultures from Dutch Pilot Sites	Matthias Krebs: Variations in water demand for irrigating a Sphagnum paludiculture - results of a 1.5 years study in NW Germany	Bernhard Osterburg: How supportive is the EU Common Agricultural Policy for peatland rewetting and paludiculture?	
	Marlene Brendel: Peat formation potential of Phragmites australis on commercially cut reed sites in north-east Germany	Leonard Akwary: African Peatlands: Conservation and Utilization (Peppers and Beans) (Economics) with case studies from East Africa and Zambia	Nahleen Lemke: Policy options for incentivizing rewetting and using agricultural peatlands in a climate-neutral EU	
	Gert-Jan van Duinen: Paludiculture brings biodiversity to the rewetted peat meadow landscape	Clemente Malmaghe & Birthe Goltz: Value chains for toMOOrow: Half-time report on PaludAlliance	Oliver Hirschler: Conditions and options for replacing peat in horticultural growing media in Germany	
Conference Dinner (19:00, Strasse)				

Day 2 - Wednesday - 24th September 2025						
9:00 - 9:40	Keynote: Dr. Kate Flood "Embedding social-ecological justice for sustainable and equitable peatland transitions"					
9:50 - 10:45	Session 2 (Inclusive Poster pitches, see list below)			Workshops		
	Peatlands & People 1: Amelie Hummelbeck-Wells	Biomass 1: Kristina Lang	Economics & Agronomy: Pia Semmer			
	Greta Schmidt: Peat-People: Paludiculture experiences from East Africa	Raphael Burkhardtmeier: Peatland plant fibers for the paper and packaging industry	Regina Neudert: Current knowledge and research gaps in agricultural science and socio-economics of paludiculture: a scoping review			
	Nisa Novita: Peatland Restoration in West Kalimantan: A Climate Solution and Pathway to Community Empowerment	Karina Michalska: Valorization of paludibiomass into biogas via regional value chains and cascading use	Zhenqiao Ding: Economic trade-offs in peatland rewetting: Assessing opportunity costs and policy levers for paludiculture adoption			
	Bettina Tacke: Well known but innumerable? Socioeconomic Aspects of the Acceptance of Peatland Rewetting in Brandenburg					
Coffee break & poster presentation (10:45 - 11:30, Foyer)						
11:30 - 13:00	Session 3			Workshops		
	Governance: Jan Peters	Biomass 2: Ralf Paszeka	PV: Volker Beckmann			
	Agata Klimkowska: A Landscape Approach to Paludiculture: Upscaling: Integrating Ecological and Social Dimensions	Josephine Neubert: Biomass quality for chipping of Phragmites australis on commercially cut reed sites in northeast Germany	Dana Alborn: Solar power production on rewetted cutways – known benefits, unknown practical experience			
	Andy Dobson: An Analysis of Stakeholder Conflict and its Impact on the Management and use of Reedbeds within Great Britain	Mirjam Schöber: Testing effects of cereal in peat-free substrates on crop productivity and soil characteristics shows potential for upscaling	Hanna Rae Martens: Vegetation Response to Solar Panels on Rewetted Peatland			
	Karin Ulrich: Solutions for minimising conflicting objectives and creating synergies in the rewetting of peatlands	Jan-Philipp Lotz: Sustainable Building Materials from Paludiculture: Life Cycle Assessment and BIM-based Evaluation	Florian Heinrich: Assessing the Levelized Cost of Electricity for Peatland-PV in Germany based on Spatial Indicators			
	Johanna Reger: Successful implementation of new value chains on rewetted fenlands: Acceptance criteria and perspectives of different actors involved	Martin Kreis: Environmental protection and simple, cost-effective construction with building materials made of the paludiculture typha angustifolia	Carl Pump: Analysis of Peatland-Photovoltaic: A system transition and photovoltaics project planner perspective			
	Katharina Laage: Rewetting quick and easy – is it possible?	Niklas Fanelus: Application of Paludibiomass in Regenerative Building Materials for Multi-Story Housing				
	Wiktor Kotowski: Landscape-ecological approach to avoid conflicts and maximize synergies between paludiculture, biodiversity and conventional agriculture. A few case-studies from Poland	Oliver Maßl: From rewetted peatlands to houses: Value chain analysis of building materials made of paludiculture				
	Lunch break (13:00 - 14:00, Mensa)					
	14:00 - 15:30	Session 4			Workshops	
Peatlands & People 2: Laura Henzig		Biomass 3: Anke Nordt	Biodiversity: Franziska Tanneberger			
Mehri Khosravi: From Drainage to Paludiculture: Stakeholder Perspectives on Paludiculture Adoption in the UK		Annette Prochnow: Concentrations and yields of strategic elements in paludibiomass from fen peatlands	Susanne Arbeiter: Does faunal biodiversity benefit from rewetting and paludiculture in European peatlands? – a meta-analysis			
Susanne Brönner: Baltic Bioregional – research through studio and 1:1 experimentation with renewable resources from rewetted peatlands		Maximilian Wessel: Biomass from peatlands as filler material or fibre reinforcement for (bio-)plastics – Paludiprodukt	Jana Padmoo: Is a Sphagnum farming site attractive for peatland dragonflies?			
Andreas Stavis: Transition processes with private land owners and farmers		Jörns-Rene Baumann: Utilization of Paludiculture Biomass for Injection Moulding – Combining Performance, Sustainability, and Market Competitiveness?	Christine Weisenberger: Genetic characterization of Typha species in Germany			
Charlotte Schröder: The Regionality of Meaning Structures Concerning Peatland Rewetting in Germany – A Structural Topic Modeling (STM) Approach to Understanding the Discourse on a Large-Scale Climate Protection Measure		Armin Winter: Innovative Valorization of Aquatic Plants from the Danube Region in a Decentralized Biorefinery	Ärger Müller: Utilisation pattern of a heterogeneous wet grassland site by water buffalo			
Laura Kearney: Aligning Agri-Environmental Policy with Farmer Values: A Social-Landscape Approach to Peatland Restoration in Northwest Ireland		Hildegard Kemmerling: From peatlands to pharmacies by understanding the phytochemical variability of Drosera rotundifolia	Sabine Bahr: Maintenance of fen peatlands through year-round extensive grazing in the NSG Pfünzinger-Burgweiler Ried			
Nerijus Zabickas: Paludiculture demonstrations: providing multi-actor approaches and recommendations towards large-scale deployment in the EU. Challenges for the development of paludiculture in Lithuania: Bioregion case		Matthias Ziemer: Plant selection for paludiculture: Seeking the most productive genotypes with a high content of bioactive secondary metabolites and good suitability for cultivation – The SalsMold project - Sundew and cloudberry as medicinal plants in paludiculture	Patrick Guldgar: Mossquito community structure and dynamics in drained and rewetted peatlands: initial steps towards vector-resilient management			
Coffee break & Poster presentation (15:30 - 16:15, Foyer)						
16:15 - 17:30		Session 5				Workshops
	Economics: Bernhard Osterburg	Ecosystem Services 2: Paul Erik Laerke	Monitoring & Methods: Gerald Juranski			
	Christoph Buchmann: Towards a roadmap of rewetting agriculturally used drained peatlands in Germany: Site-specific abatement and opportunity costs for the peatland-rich federal states	John Coughenour: Vegetation as proxy for GHG emissions from organic soils – 2025 update of the GEM-APP	Bärbel Tanneberger: Establishment of a German peatland monitoring programme for climate protection – Open land (Mokkai)			
	Karl Behrendt: The economics of rewetting peatland lowland peat – farm case studies from the UK	Marco Cosme: Microclimate legacy influences the global warming potential of peatland soil	Azim Babagyssov: Mapping and Quantifying Biomass Resources in Reed Beds of the Iyer Darya Delta, Kazakhstan by Means of Remote Sensing and Random Forest			
	Jenne Rindi: Water and crop management on peatlands at farm level: the role of carbon incentives	Sannimar Käärmelahti: Temporal changes in biogeochemical drivers and nutrient removal of Typha latifolia paludiculture	Gerardo Lopez Saldaña: Integrating hydrology, ground motion and vegetation biophysical parameters to assess peatland condition			
	Jennifer Marten: Economical and institutional challenges in implementing paludiculture – comparing insights from Flanders (Belgium) and Brandenburg (Germany)	Lara Massu: Balancing productivity and ecology: Insights into nutrient dynamics and management applications at the Typha latifolia paludiculture site „Teichwiese“ polder, Mecklenburg-Vorpommern	Henriette Rosica: Automatic Vegetation Mapping in Peatlands – Compilation of a Ground Truth Dataset for Ecologically Informed Machine Learning			
	Konrad Mitzel: Capital investments in the paludiculture sector	Dominik Zak: Fast-Mow-Slow – three ways to drop phosphorus release in rewetted peatlands	Julia Casper: Landscape Scale Nature Recovery on Patchy Rewetted Lowland Peat – a Case Study from the UK			
	Paludi exhibition "All you can peat" in the Foyer of the lecture hall and "The Great Paludi Show" in the lecture hall with Street Food in the Courtyard (17:30 - ca. 21:00)					

Day 3 - Thursday - 25th September 2025	
Excursions	
Cultural Evening (19:30) in the lecture hall with "radio earth - listening to change" and "In Zombie Fire" (parallel events)	

Day 4 - Friday - 26th September 2025				
	Session 6		Workshops	
	Ecosystem Services 3: Matthias Dröbner	Agonomy: Jürgen Kreyling		
9:00 - 11:00	Tim Eickenschmidt: Effects of different fertilization strategies and groundwater management scenarios on greenhouse gas dynamics and mitigation potentials in various paludiculture systems	Frank Panemmann: Establishment of <i>Carex acutiformis</i> in Paludiculture	Co-creation processes - a way to successful peatland restoration and paludiculture implementation	Workshop on Peatland-PV: Integrating Diverse Perspectives for Holistic Research
	Renske Vroom: Unravelling GHG emission drivers in <i>Typha</i> paludiculture - a mesocosm study	Nora Köhn: Assessing cattail (<i>Typha</i> spp.) productivity and biomass quality over four years at a 10-ha paludiculture pilot site		
	Philipp-Fernando Kiewitich: Effects of topsoil removal on greenhouse gas exchange and carbon allocation of fen paludicultures	Wael Thissen: Cattail species and water management to optimize cattail yields		
	Caroline Daur, Gerald Jurcinski: How to minimize greenhouse gas emissions in Sphagnum re-vegetation areas - the role of topsoil removal	Maria Gaudin: Scale-up of Sphagnum founder material production in a photobioreactor		
	Poul Erik Laerke: Biomass yield and greenhouse gas emissions of reed canary grass in a rewetted fen peatland	Jack Cough: Lessons learned from Sphagnum Farming with the MFA approach		
	Bodoos Kyle: Drivers- and spatio-temporal variability of greenhouse gas emissions from temperate fen peatlands under paludiculture	Greta Gaudig: Don't wait too long! - when to harvest a Sphagnum paludiculture		
	Caroline Daur: Cultivation of <i>Typha</i> as a new permanent agricultural crop - initial results regarding the carbon and climate balance			
	Coffee break (11:00 - 11:30, foyer)			
11:30 - 12:40	Paludiculture – a win-win-win solution, an exciting field of research, a naive utopia, a threat or a force? Which images and strategies promote or hinder the success of paludiculture, and what does this mean for our communication? Dynamic discussion in fishbowl format. Active participation welcome.			
12:40 - 13:00	Closing with Dr. Franziska Tanneberger			
Lunch (13:00 - 14:00, Mensa)				

Day 1 - Tuesday - 23rd September 2025				
Session 1 (16:00 - 17:30)	Poster pitches at the beginning, in between and end of the sessions			
	Ecosystem Services 1	Lessons learned 1 + Biodiversity	Governance	
	Philipp-Fernando Kiewitich, How much water is required for Typha paludiculture?	Ross Galpard, Lessons learned from RUFFEN+ Buffer carbon + water in peatlands: landscape based solutions for climate adaptation	Alba A. Alonso, Policy opportunities for peatland restoration in the Common Agricultural Policy and the Carbon Removal and Carbon Farming Regulation	
	Matthias Lampe, The water balance of a 10-ha cattail cultivation test site in NE Germany	Jarice Neumann, PALUS DEMOS: Paludiculture large-scale demonstrations - Advancing solutions for degraded peatlands	Päivi Merilä, PaluWise develops advanced solutions for productive use of rewetted degraded peatland ecosystems	
	Sebastian F. A. Jordan, Klimafarm: Paludiculture in Northern Germany – Planning, rewetting and collecting first data	Adam H.W. Koki, Can peat moss (Sphagnum) be cultivated on formerly drained Dutch agricultural peatlands - lessons learned from pilot projects	Lisa Coleman, The RuPcAT Project – Using 200-year-old maps to uncover Ireland's converted peatlands	
	Antonia Felix, Hydrological studies on wet meadow paludicultures in the Lüneburg Tiedelmoor	Merten Miska, Networking and overarching coordination of large-scale projects for joint recommendations for sustainable paludicultures	Lars Kretschmer, Germany-wide Potential for Conversion to Paludiculture on Agricultural Land to Reduce Greenhouse Gas Emissions by Integrating new Yield Module	
	Sebastian Heller, Phosphor pools in peat and other organic soils: baseline data and sampling protocols for paludiculture	Annette Prochnow, Verja Ribber-Terrängen, WettzellB: Network of model and demonstration projects in Brandenburg's peatland regions	Andrea Lange, An IACS data-based analysis of agricultural land use on organic soils in Germany	
	Gabriele Rebula Quadra, Potential of Sphagnum paludiculture for water purification and element sequestration: insights from a field-scale topsoil removal experiment	Sören Tech, The project Lüneburg Tiedelmoor	Sarah-Maria Schiffer, Spatial Planning and Peatland Protection: Identifying Opportunities for Rewetting	
	Hannah M. Silbermanns, Boreal Sphagnum farming for increased biodiversity and decreased greenhouse gas emissions	Roman Adam, MOOletum- Combining peatland climate protection and added value via peatland revitalization and paludiculture	Hubert Polkowski, Paludiculture - a chance for disappearing peatland ecosystems in Poland?	
	Elena Alzola, The effect of restoration techniques on the carbon savings potential of a raised bog	Jasmin Hanser, Carola Blessing, Testing wild plant mixtures for rewetted peatland		
	Elena Alzola, A review of greenhouse gas emissions and removals from Irish peatlands	Leon Hanka, Genomic analyses & DNA-Barcoding for efficient Sphagnum mass differentiation and characterization		
	Marie-Luise Diet, Methane and nitrous oxide measurements on a water buffalo meadow with a dynamic chamber system	Wibke Vogel, Paludiculture with Typha: climate protection, economy AND biodiversity?		
	Adam Bogacz, Soil Condition and Paludiculture Potential on a Post-Fire Fen in South-Western Poland	Oswin van der Scheer, Nature based services provided by paludiculture in a peatland wetlandscape		
	Felix Reichelt, Indicators for upscaling GHG emissions from organic soils - about the legacy of soil moisture classes and future improvements	Suzanne Arntsen, Restoration of the Pomeranian population of the Aquatic Warbler – an endangered fen meir specialist		
	Nisa Novita, Enhancing Climate and Community Resilience Through Tropical Peatland Restoration in West Kalimantan, Indonesia			
	Corbule Gutkewicz, Effect of solar panels on greenhouse gas emissions in a rewetted peatland			
Day 2 - Wednesday - 24th September 2025				
Session 2 (9:00-10:45)	Poster pitches at the beginning and end of the sessions (Order still to be determined)			
	Peatlands & People 1	Biomass utilization & PV	Economics & Agonomy	
	Sara Hossie, Venice Agreement for Peatlands	Läng Kristina, FBUS project: Novel fibre value chains and ecosystem services from sustainable feedstocks	Michael Rühn, Analysis of costs and carbon footprint of Paludiculture biomass harvesting techniques by means of Monte Carlo Simulations	
	Carola Kieme, Identifying factors for social acceptance of photovoltaic systems in rewetted peatlands	Marc Kiperfuchs, Cotton grass: An underestimated fibre plant as an opportunity for the establishment of paludiculture	Matth Schneider & Jenny Hammerich, Scaling Peatland Rewetting through Carbon Markets: A Private Sector Perspective from Central and Eastern Europe	
	Karinne Hemminger, Transforming Peatland Management: Stakeholder Roles and Governance in Brandenburg	Jeferon Vicente, Valorisation of Paludiculture Biomass through Furfural Synthesis in a Two-Step Process	Wendelin Wichmann, Certification of biomass from Paludiculture	
	Claudia Oehmke, MoorGenius! MV - networking, advice and support of peatland rewetting at a regional level	Thomas StB, Andreas Staus, Elena Dydak, Marie Rappin, Utilisation of Peatland Biomass Through Pyrolysis – Results and Practical Experiences from the Two German BMUV Projects: Klimafarm (St) and MoorGenius! (St)	Sabine Wichmann, Update on the market of Common Reed for thatching (1990 - 2023)	
	Matthias Schuppert, "Unser Land kann Moren" - Building an Online Networking Platform and Marketplace for Paludiculture Raw Materials	Ekaterina Gualtero-Kirchka, Michael Rühn, Life Cycle Analysis of Paludiculture biomass use in paper production	Marcus Schillingmann, Dairy farming on wet peatland soils - Options, Grazland Management and Valuation	
	Hauke Schilling, The first student congress on peatland science: "MoorMotions" in Greifswald	Basil Okoye Iko, Development of processes for the extraction and processing of fiber raw materials from peatland biomass for use in pulp & paper	Emily Pope, Supporting the value chain development for paludiculture production in the UK: Sphagnum moss as growing media	
		Lynne Assema, Palud & Bau: Turning Wetland material into Sustainable Building Materials	Bettina Tacke, A functioning value chain? Results of the BauMo project on keeping water buffalo on rewetted peatland areas in Brandenburg	
		Steffen Sydow, Development of innovative building materials based on paludiculture byproduct and establishment of a demonstration production facility	Thade Thorben Langenhain, Jan Gutjahr, Palud-Value Chains as Bioregional Clusters for Regenerative	
		Ulrike Wegener, Development of a SAL quality assurance for Sphagnum biomass as a growing media constituent	Tobias Vogel, Analysing methods for recording machine and work processes for paludiculture procedures - a field test during Typha harvest	
		Andrea Krüger, MoorPower - Sustainable and innovative photovoltaic solutions for rewetted peatlands	Annette Saurich, Shearing vines, penetrometers, and seven operators: Digging into the use effect on trafficability measurements	
		Monika Hohlbain, Moor-PV - Climate and peatland protection through a combination of photovoltaics and peatland rewetting	Teresa Koller, Grazland management on rewetted fens: results of field experiments in Bavaria	
		Witluk Koppensteiner, A systematic review regarding the effect of ground-mounted solar farms on faunistic biodiversity in Europe	Christina Harburg, Factors Influencing Flower Formation in Carex acutiformis	
		Bae Spangens, Paludisource.de - An information platform for harvesting machinery in paludiculture	Constanin Möbus, What influences the germination of Typha latifolia seeds? A literature review, supplemented by experimental results and a practical approach.	
			Jeroen Pijlman, Sowing cattail: pay attention to soil properties and water levels	
			Lars Kretschmer, Influence of nutrient supply on biomass yield and biomass quality of paludiculture plants	