

Thursday, 19.09.2024

07:30-08:30	Registration with coffee/tea			Foyer – ground floor
08:30-09:00	Opening and Welcome notes			D1.401 & D1.402
09:00-09:40	Keynote: Could improved water management optimize the greenhouse gas balance of peatland? - Bärbel Tiemeyer			D1.401 & D1.402
09:40-10:00	Break with coffee			Foyer – ground floor
10:00-12:00	Parallelsessions 1			
	1.1 Soil Properties and Biogeochemical Processes in Peatlands – Haojie Liu & Dominik Zak D1.201	2 Renaturierungspraxis in verschiedenen Moortypen – Cornelia Siuda D1.202	3 Peatlands under stress and their ecological resilience – Matthias Drösler D1.301	
10:00	Shrinkage Behavior of Peat and Other Organic Soils - Ronny Seidel et al.	Einleitung Renaturierungstechniken - Conny Siuda	Reaction and resilience of Austrian mires to 35-40 years of environmental stress: A comprehensive resampling study in 200 mires - Michael Steiner et al.	
10:15	Peat Type and Climate Zone Control the Hydraulic Functions of Peat along a Bulk Density Gradient - Ji Qi et al.	Herausforderungen bei der Umsetzung von Wiedervernässungsmaßnahmen im Wald - Anna Kühnel et al.	How resilient is the Puergschachen bog as a GHG sink over 7.5 years? - Pamela A. Baur et al.	
10:30	Soil Hydro-Physical Properties and Spatial Characteristics of Northern German Peatlands: Insights for Peatland Restoration Management - Miaorun Wang et al.	Moorrenaturierung in Niedersachsen: Too big to Fail - Martha Graf	Climate and Water Stress Symptoms in S Bavarian Mires (Das „Schlenken- und Spirkensterben“ in südbayerischen Hoch- und Zwischenmooren) - Alfred Ringler	
10:45	River connection determines soil development and physicochemical properties in hardwood floodplain forests of the lower middle Elbe - Lizeth K. Vásconez et al.	Naturschutz und Denkmalpflege Hand in Hand: Renaturierungspraxis am Federsee - Judith Engelke, Katrin Fritzsich	Response of vegetation on the water level drop-down gradient on a calcareous fen (nw estonia) - Mati Ilomets et al.	
11:00	Mineral nitrogen dynamics of peatland under paludiculture following organic fertilizer amendments in contrasting hydrological regimes - Wallace Ongara et al.	Wählen Sie eine Stahlspundwand - Elisabeth Pleyl	The N-factor at different layers in peatland areas of Northeastern Mongolia - Nandintsetseg Nyam-Osora et al.	
11:15	Soil structure of peat and its role in ecosystem functioning – Haojie Liu et al.	So viel Wissen, so viele Daten- Konzeptionelle Umsetzung eines Moordaten- und Dokumentenmanagementsystems für die Erzgebirgsregion - Romy Wöllner	Restoration and conservation of peatlands in areas of interest for Quito's water supply - Raúl Galeas	
11:30	Physical parameters of peat and other organic soils can be derived from properties described in the field - Ulli Dettmann et al.	Klima- & Umweltschutz durch Hochmoorsanierung in der praktischen Umsetzung unter Beteiligung verschiedener Akteure - Frank Woesthoff et al	Mountain Peatlands: Natural Laboratories for Understanding Climate Change Effects on Carbon Fluxes – Maria E. Sanchez, Cherie J. Westbrook	
11:45	Establishment of a German peatland monitoring programme for climate protection - Open land (MoMoK) – Bärbel Tiemeyer		Observing ENSO-induced Climate Variability and Seasonality of Tropical Peatlands in the Eastern Colombian Lowlands with Remote Sensing - Antje Uhde et al.	
12:00-13:20	Lunch			Canteen
13:20-14:00	Keynote: Habitat features and biodiversity of peat bogs in Belarus - Gennadi Sushko			D1.401 & D1.402
14:00-14:15	Break			Foyer – ground floor
14:15-16:00	Parallelsessions 2			
	1.2 Soil Properties and Biogeochemical Processes in Peatlands – Haojie Liu & Dominik Zak D1.201	4 Stoffliche und energetische Nutzung von Paludi-Biomasse – Raphael Burkhardsmayer D1.202	5 Rewetted peatlands – Biodiversity hotspot or novel ecosystems – Theresa Lehman D1.301	
14:15	Magnitude of percolation in peat profiles controls organic matter transformation in different mire types - Stephan Glatzel et al.	Ökonomische Effizienz der Paludikulturen: Eine wirtschaftliche Analyse des Anbaus von Typha und Phragmites – Wenke Rannow et al.	Identifying risk factors for the rare, endangered fen orchid Liparis loeselii in NE Germany - Kai Horbitz, Johannes Metz	
14:30	Sorption of Pharmaceutically Active Substances in Peat Soils – Eric Mirenga, Sören Thiele-Bruhn	Das Potential der Mischung aus Kartoffelpülpe und Paludikultur-Biomasse als Biogassubstrat - Christina Hartung, Hauke Heuwinkel	Project „Insekten beleben Moore“ – Promoting insect diversity on rewetted cut-over peatland - Amanda Grobe et al.	
14:45	Microbial community development during and after rewetting a coastal peatland - Sara E. Anthony et al.	Mehr als ein Papiertiger: Paludikultur-Pilotprojekte in der Papierherstellung und im Bausektor - Clemens Kleinspehn et al.	Of thick shelled river mussels, weatherfishes and co. - protected species in the secondary habitat peatland - Sebastian Rudischer	
15:00	Discovering the composition of SOM from drained and rewetted peatlands: insights from molecular and biogeochemical parameters - Sonja Paul et al.	Produkte aus Moorfasern (ProMoFa) - neues Potenzial für Moore und eine Chance für das Bayerische Donaumoos – Stefanie Lang	Paludiculture can support biodiversity conservation in rewetted fen peatlands - Hanna. R. Martens et al.	
15:15	Comparative analysis of metal and nutrient uptake in different Sphagnum species: Do we have a champion for water purification? – Gabrielle R. Quadra et al.	Paludikultur Biomasse: Eine nachhaltige Ressource für Naturfaserverbundwerkstoffe im Spritzguss und 3D-Druck? – Jonas-Rumi Baumann	Does Sphagnum farming create habitat for bog species? - Lotta Zoch, Amanda Grobe	
15:30	Understanding Human Impacts on Peatland Degradation and Restoration: A Field Experiment Approach - D. Tolunay et al.	Biomasse aus der Niedermoor Paludikultur als Torfersatz im Gartenbau - Herausforderungen und Lösungen – Michael Muser	Sphagnum paludiculture sites as surrogate habitats for bog species of many species groups – results of long-term investigations in NW Germany - Greta Gaudig et al.	
15:45	The Dynamics Between Groundwater Tables and CO2 Emissions at Åstrup Fen, Denmark: primary results from a study utilizing IoT Networks, Artificial Intelligence, and Aquatic Vegetation investigation - Fenjuan Hu		Environmental and social safeguards in conflictive context : from environmental conflict to effective local participation in tropical areas - Pablo Ramos Baron	
16:00-16:30	Break with coffee			Foyer – ground floor
16:30-17:00	Quick Talk - exhibitor			D1.401 & D1.402
17:00-18:00	Paludi-Fair			Foyer + D1.310
19:00	Conference dinner			Bräustübl

Friday, 20.09.2024 – morning

08:00-08:30	Registration			Foyer – ground floor
08:30-09:10	MONAS collective for environment art with the “MoorReaktor”			D1.302
09:10-09:15	Break			Foyer – ground floor
09:15-10:15	Parallelsessions 3			
	6.1 Exchange of greenhouse gases – Tim Eickenscheidt D1.201	7.1 Perspektiven für Wälder auf Moorböden – Stefan Müller-Kroehling D1.202	8 Social and economic challenges and impacts of peatland transformation - Harald Grethe D1.301	
09:15	Influence of water management on ghg-balances along a land use intensity gradient in fen peatlands - Daniel Lenz et al.	Moore und Wald, Moorwald, Waldmoore - das Moor vor lauter Bäumen (nicht) sehen - eine Standortbestimmung zum Thema (Einführungsvortrag) Stefan Müller-Kroehling	What is considered to be meaningful in the communication on peatland rewetting, and how has this changed over time? Findings from a discourse analysis of German newspaper articles since 1975 – Jens Jetzkowitz, Charlotte Schroeder	
09:30	Don't blame the birches – impact of birch encroachment as a consequence of insufficient rewetting on carbon balances and evapotranspiration in a rewetted bog - Carla Welpelo et al.	Entwicklung der Moorwälder in Süddeutschland zwischen 1996 und 2015 - Giselher Kaule	An analysis of land use on peatlands and their economic implications - Johannes Wegmann	
09:45	Paludiculture as a nature-based solution for organic soils - Results of GHG mitigation potentials in fen peatlands - Matthias Drösler et al.	WaMoBiKi - Bewaldete Mooregebiete: Beitrag zum Schutz der biologischen Vielfalt und des Klimas und nachhaltige Nutzung zu deren Erhaltung - Dorit Protze & Corinna Schulz et al.	Socio-economic impact of peatland rewetting on farm structures in Bavaria: An analysis in the context of climate protection - Korbinian Hadersbeck et al.	
10:00	Adaptation of fen peatlands to climate change: rewetting and management shift can reduce greenhouse gas emissions and offset climate warming effects - Carla Bockermann et al.	Ein Toolkit für die Feldidentifizierung und ökohydrologische Interpretation von Moorkommen in Deutschland - Corinna Schulz et al.	Sustainable Management of Peatland Ecosystem in Malaysia: Enhancing Governance and Strengthening Institutional Capacity – Noradli Mohd Adli Parsada, A. Ainuddin Nuruddin	
10:15-10:45	Break with coffee			Foyer – ground floor
10:45-12:00	Parallelsessions 4			
	6.2 Exchange of greenhouse gases – Tim Eickenscheidt D1.201	7.2 Perspektiven für Wälder auf Moorböden - Stefan Müller-Kroehling D1.202	9 Hydrological models for peatlands: processes, scales and applications - Kristian Förster D1.301	10.1 Wet management and strategies in agriculture – Matthias Drösler D1.302
10:45	The relationship between vegetation type and greenhouse gas budget of moist and wet German peatlands - Lukas Guth et al.	Einige moorgenetische, hydrologische, hydroklimatische, hydromorphologische und pyrologische Aspekte einer Moor-Wald- Interaktion in (vorwiegend) sauren nährstoffarmen Mooren - Frank Edom	Hydrological impacts of engineered restoration measures in degraded raised cutaway bogs - Sajjad A. Kamal, Laurence W. Gill	The Netherlands Research Programme on Greenhouse gas dynamics in Peatlands and organic soils (NOBV) - Gilles Erkens et al.
11:00	Valuation of Peatland Ecosystem Services – VALPEATS – Daniel Pönisch et al.	Biomasse und Struktur von Moor Wäldern - Jonas Sitte	Using process-based modelling on parcel level to calculate nation-wide rewetting effects on peatland hydrology - Simon Jansen et al.	Paludiculture – future wetland generation from degraded peatlands - Christian Fritz et al.
11:15	Greenhouse gas emissions and mitigation potential of Bavarian peatlands - Janina Klatt et al.	Baumarteneignung auf organischen Böden - Ergebnisse aus dem Projekt MoorWald - Steffi Dunger et al.	Mapping Bavarian Peatlands: High-Resolution Water Level Insights Using AI - Sebastian Friedrich	The relevance of drainage ditches as breeding habitat for mosquitoes (Diptera: Culicidae) in Northern Germany - Felix Sauer et al.
11:30	Reporting updated CO2 emission values for Dutch organic soils using a process-based model framework - Gilles Erkens et al.	Für und Wider von Baumentnahmen im Rahmen von Moorrenaturierungen am Beispiel des Ochenfilzes, Landkreis Landsberg/Lech - Cornelia Siuda	Modelling ditch blocking impact on field peat water level for emission reporting using MODFLOW – assessing effects of model structure and parameterization - Muhammad M. Ar Rahiem et al.	Rewetting of grassland on bog peatlands in Lower Saxony – Heinrich Höper
11:45		Was bedeuten primäre und sekundäre Moorwälder für die Zukunft unserer Moore? - Alfred Ringler		Grassland management on rewetted fens: results of field experiments in Bavaria - Annette Freibauer et al.
12:00-13:20	Lunch			Canteen

Friday, 20.09.2024 - afternoon

13:20-14:00	Keynote: People make Peatlands - practical projects and political process towards peatland rewetting - Gerald Jurasinski		D1.401 & D1.402
14:00-15:00	Postersession		Foyer – upstairs
15:00-15:30	Break with coffee		Foyer – ground floor
15:30-17:15	Parallelsession 5		
	11 Classification and mapping of organic soils including remote sensing - Ulli Dettmann D1.201	12.1 Peatland conservation, restoration and management policies and programmes – Matthew Warren D1.202	10.2 Wet management and strategies in agriculture – Matthias Drösler D1.302
15:30	Cross-scaling exploration of peatland areas - from satellite to microscope - Stephan Costabel et al.	Restoration of peatlands in Ukrainian Polissya within the framework of the project "Promoting sustainable livestock management and ecosystem conservation in Northern Ukraine" - Vasyi Fesyuk et al.	Water Management for Sphagnum and Typha paludiculture – Matthias Krebs et al.
15:45	Mapping and characterising peatland using ground-penetrating radar (GPR) and nuclear magnetic resonance (NMR) - Jan Igel et al.	The Leyte Sab-a Peatland Forest Restoration Initiative Project (2018-2021) - Matutes Heremerose et al.	The establishment phase of paludiculture with sedges – planting a sea of grass - Frank Pannemann et al.
16:00	Potential of radar remote sensing for monitoring the status of peatlands - Katrin Krzepak	Bright spots in peatland conservation and restoration – Renske Vroom et al.	Putting Paludiculture into Practice – Six Years of large-scale - Typha cultivation in North East Germany - Josephine Neubert et al.
16:15	Indication of water level by vegetation structure types, peat investigation in combination with gauges - Cornelia Siuda	Paludiculture Innovation Project – A case study from the UK – Ana I.M. Natálio et al.	Peat formation potential of Typha spp. on a paludiculture pilot site - Meline Brendel et al.
		12.2 Rechtliche Herausforderungen und Anpassungsbedarf – Jose Martines, Anna Kiermeier	
16:30	PEATMAP: A prototype model for the study of peatland and swob distribution, ecology and carbon dynamics in the Iberian Peninsula landscape mosaic) - Miguel Gerales et al.	Skizzierung von rechtlichen Lösungsansätzen zur Flächensicherung für die Wiedervernässung von Moorböden – Thorsten Uhl, Bernhard Osterburg	Productivity and biomass quality of cattail (Typha spp.) on a 10 ha paludiculture pilot site in northeast Germany - Nora Köhn et al.
16:45	The Global Peatlands Assessment: The State of the World's Peatlands - Patrick Scheel	Noch Moor oder schon Bruchwald? – Herausforderungen Moorschutzmaßnahmen aufgrund des gesetzlichen Biotopschutzes - Thilo Tesing	Economic Prospects of Photovoltaic Systems on Rewetted Peatlands - Florian Heinrich et al.
17:00		MoorLandwirtschaft für Klimaschutz Allgäu (MoLaKlim) - Andreas Stauss	Photovoltaics and rewetted peatlands- legal framework and foundation systems - Enna M. Wetjen et al.
17:15-17:30	Break		Foyer – ground floor
17:30-18:00	Closing Session, Ausblick		D1.401 & D1.402