

CINDERELLA-Update V

“Comparative analysis, integration and exemplary implementation of climate smart land use practices on organic soils: progressing paludicultures after centuries of peatland destruction and neglect”

By irregular updates the CINDERELLA community is informed about dates, news and other interesting issues within the scope of the CINDERELLA project, ref. paludiculture.



Conferences and workshops (held)

Ceske Budovice

Conference “Wetlands in Agricultural Landscapes: Present State and Perspectives in Europe”, České Budějovice, 11-16 October 2015

Several colleagues from the CINDERELLA project participated in the conference “Wetlands in Agricultural Landscapes: Present State and Perspectives in Europe”, in České Budějovice, 11-16 October 2015. About 160 scientists and stakeholders participated in the conference. Presentations and excursions were well prepared and very interesting. Partners from Halmstad, Sweden (Peter Feuerbach, John Strand) and from Nijmegen, Netherlands (Christian Fritz, Jeroen Geurts) met with partners from Germany, Greifswald (Anke Nordt, Claudia Oehmke, Wendelin Wichtmann). The abstract handbook and the conclusions to the conference can be found on the following webpage: <http://conference2015.wetlands.cz/>

Minsk

Closing Conference of the Europe Aid funded project “Implementation of new concepts for wet peatland management for the sustainable production of biomass-based energy (wetland energy)” 17th of November 2015 Minsk, National Library, Belarus

The End of Project Conference taking place the 17th of November in the National Library of Belarus in Minsk was very successful. It was accompanied by a workshop on Greenhouse Gas emissions from peatlands which was held the 16th of November by NPC subcontractors. More than 50 experts and decision makers from 6 countries participated. The 18th of November the official opening of the pellet line for manufacturing biomass from paludiculture was celebrated at Lida Peat Factory (LPF), Lida. The program of the conference, the conclusions and perspectives as well as further information can be found here: <http://www.succow-stiftung.de/news2/items/closing-conference-of-wetland-energy-624.html>

Conferences and workshops (upcoming)

Potsdam

The 11th annual European Chapter meeting of the Society of Wetlands Scientists (SWS) (<http://www.sws.org/europe-chapter>) will be held in Potsdam near Berlin, Germany, 17-20th of May 2016. The deadline for abstract submission will be February 23rd, 2016.

Kuching

The 15th International Peat Congress (IPC) will be in Kuching, Sarawak, Malaysia, from August 15th to 19th, 2016. The deadline for submitting the abstracts is extended to 30th December, 2015. The abstracts will be evaluated starting from 31st of December, 2015. See: http://www.ipc2016.com/abstract_guidelines.php

Piran

The 2nd South East European Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES SEE2016) which is going to be held in the beautiful Slovenian coastal cities Piran and Portorož from June 15th -18th, 2016. The details about the Conference (important dates, conference fee, accommodation, contact addresses, etc.) can be found on the web site: <http://www.piran2016.sdewes.org>

Montpellier

The 5th International EcoSummit Congress, EcoSummit 2016 - Ecological Sustainability: Engineering Change, will take place at The Corum Convention Centre, Montpellier from 29 August – 1 September 2016. This conference series was founded in 1996 in Copenhagen, as a forum to meet the demands of scientists working in several new ecological disciplines, and who required a better understanding of the concepts and methods for a holistic use of ecology in environmental management. <http://www.ecosummit2016.org/>. This event could be used for a general meeting of CINDERELLA-project partners.

Tulcea

The 3rd International Conference “Water resources and wetlands” organized by the Romanian Limnogeographical Association (RLA) in collaboration with the German Limnological Society (GLS), Polish Limnological Society (PLS), Danube Delta National Institute Tulcea (DDNI) and the Danube Delta Biosphere Reserve Authority (DDBRA) invites to take part. The Conference is set to take place between 8-10th of September, 2016 in the “Delta” Hotel in Tulcea, Romania (<http://www.limnology.ro/wrw2016.html>).

Waikiki

Registration is now open for the IUCN World Conservation Congress, taking place from 1 to 10 September 2016 in Hawai'i, U.S.A. Visit the Congress website to register for the event and book your accommodation. <http://www.iucnworldconservationcongress.org/about/about-congress>

News from the project

General info for this section

All partners are kindly asked to provide some current information which can be inserted here. The idea is to keep all partners informed on the same level, to exchange information, to ask project related current questions, to prepare meetings and to make appointments as well as to prepare common activities (publications, new projects, etc.).

News from Greifswald

Field activities: After a short brake of field work, we will sample all *Typha latifolia* and *Phragmites australis* stands in January 2016. The same stands were sampled already in the summer together with Christian Fritz. We will analyse a set of combustion relevant parameters – ash, water content, N, S, Cl as well as Mg, Na, Ca and K. To look at the influence of different harvest regimes, we will simulate at two *T. latifolia* stands winter harvest on a bigger plot (8-9 m²) next to the plot we harvested in September. Hopefully, we can continue this experiment next year.

For larger scale *Typha* harvest we are in contact with Aldert van Weeren from the Netherlands who runs some holiday homes in Vorpommern/GER and is currently reconstructing an old house in a village near our study site. He would like to use *Typha* as a biological insulation material. One of our sampling sites is well suited for this purpose. Possibly a local thatch farmer can do the harvest with his Seiga harvesting machine. The biomass will be transported to a company producing an ecological blow-in insulation.

We started to plan a cultivation experiment with *Typha* (100 m²) in cooperation with a farmer in Ueckermünde. It is not clear yet, if available nutrients in the water are enough to grow *Typha* on these sites. The study set-up will be build up beginning next year. Two weeks ago we started germination experiments in Greifswald, to gain experiences for growing seedlings. We sowed on different substrates (nutrient poor and rich soil) and with/without clay preparations. Seedlings germinated very fast. Nora, a Master student of Biodiversity, is doing a research internship in Cinderella on these topics. She is currently caring for the growing experiment. She will also do her Master thesis on this. The experiment in the field includes different parameters like water level and pre-peat extraction. We will focus on *T. angustifolia*. For comparison *T. latifolia* will be established on smaller parts in the experiment.



Figure: Polder Rochow near Ueckermünde, the selected site for *Typha* field experiments

Further news

Brochure on paludiculture

The new brochure on Paludiculture is available now. The pdf-document can be downloaded at the paludiculture homepage soon and from the webdrive of the CINDERELLA project. Printed copies can be sent to partners. Please inform how many copies you would like to have.

Webinar *Typha* for P recycling

The webinar presentation recently given by Richard Grosshans: “The Not So Common Cattail: Using wetland plants for bioenergy and other ecosystem services” was rather interesting. Some more information you can find here:

<https://iisd.webex.com/iisd/onstage/g.php?MTID=eddd0512c11dc281b3fa6e9d3ad7fdccc>

General information on peatlands

The IUCN peatland programme informs about news on peatlands protection: http://www.iucn-uk-peatlandprogramme.org/?utm_source=IUCN+UK+Peatland+Programme+Newsletter+Signup&utm_campaign=45c2180487-December_15_newsletter&utm_medium=email&utm_term=0_7872ad6518-45c2180487-115209241&mc_cid=45c2180487&mc_eid=0787251d5c

Briefing paper

A briefing paper has been published to inform about accelerating action to Save Peat for Less Heat by Greifswald Mire Centre and Wetlands International. This briefing paper shows where the most urgent action is needed and presents a roadmap and policy recommendations for accelerating action:

http://www.greifswaldmoor.de/files/dokumente/15_12_01_Wetlands%20International%20%282015%29%20Save%20Peat%20for%20Less%20Heat.pdf

Consulting Study 5

A practical guidance on locating and delineating peatlands and other organic soils in the tropics recently has been published. This report reviews the state-of-the-art information and provides practical guidance on locating and delineating organic soils (incl. peatlands) in West Africa and Southeast Asia, where expansion of oil palm plantations is expected. This report has been independently prepared by the authors for the High Carbon Stock (HCS) Science Study. It is part of a series of consulting studies on high carbon stock, in the areas of biomass estimation, soil carbon dynamics, remote sensing, and socio-economics. <http://www.carbonstockstudy.com/resource-centre/reports>

IPS Peat News

The Peat News 11/2015 of the International Peat Society have just been circulated. The Peat News is the monthly newsletter for members and friends of the International Peatland Society (IPS). <http://www.peatsociety.org/sites/default/files/peatnews11.2015.pdf>

IMCG Bulletin

The IMCG Bulletin for October 2015 can be found on the IMCG Website (<http://www.imcg.net/pages/publications/bulletin.php>). As well the preliminary program for the IMCG Field Symposium and Congress in Malaysia and Brunei in August 2016 is published there. Please visit the website (<http://www.imcg.net/pages/events/imcg2016.php>) for more information.

NKI project

The project "Moorschutzdialog Deutschland" (German dialogue on the protection of peatlands), funded by the Nationale Klima Initiative was just approved and started 1st of December 2015. It will run for the next three years. Project partners are the GMC members Michael Succow Foundation, DUENE e.V. and Greifswald University.

Peatlands on the UNFCCC-Agenda in Paris

Hans Joosten gave two presentations at side events on restoring and rewetting at the UNFCCC COP21 in Paris. At the high-level panel debate "Safe the Peat for Less Heat" organised by Wetlands International, GMC and other partners, Hans Joosten talked about "Peatland issues, potential and options for climate mitigation" at 1st December at the Netherlands Climate Pavilion. For more information please see the "Briefing paper: accelerating action to Save Peat for Less Heat!"

presented above. The UNFCCC side-event 'Reduc ing GHG emissions by restoring and rewetting peatlands' was organised by the Nordic Council of Ministers (NCOM) at Wednesday 2nd December 2015 at the Nordic Pavillion. Here Hans gave a lecture on "The role of drained peatlands in GHG emissions and opportunities for accounting under the new activity 'Wetland Drainage and Rewetting' under the Kyoto Protocol". For more information and for the Youtube-video on "peatlands and their potential for climate protection" go to: <http://www.greifswaldmoor.de/news.html>

Best

Wendelin Wichtmann