

Publications

Journal articles / Aufsätze in Zeitschriften (peer-reviewed)

Martens HR, Laage K, Eickmanns M, Drexler A, Heinsohn V, Wegner N, Muster C, Diekmann M, Seeber E, Kreyling J, Michalik P, Tanneberger F (2023) Paludiculture can support biodiversity conservation in rewetted fen peatlands. *Scientific Reports* 13:18091. <https://doi.org/10.1038/s41598-023-44481-0>

Elliott T, Thompson A, Klein A-M, Albert C, Eisenhauer N, Jansen F, Schneider A, Sommer M, Straka T, Settele J, Sporbert M, Tanneberger F & Mupele A-C (2023) Abandoning grassland management negatively influences plant but not bird or insect biodiversity in Europe. *Conservation Science and Practice*. <https://doi.org/10.1111/csp2.13008>

Hinzke T, Tanneberger F, Aggenbach V, Bog M, Dahlke S, Knorr K-H, Kotowski W, Kozub L, Lange J, Li G, Michaelis D, Pronin E, Schnittler M, Seeber E & Kreyling J (2022) Response patterns of fen sedges to a nutrient gradient indicate both geographic origin-specific genotypic differences and phenotypic plasticity. *Wetlands* 42: 113. <https://doi.org/10.1007/s13157-022-01629-4>

Hammerich J, Dammann C, Schulz C, Tanneberger F, Zeitz J & Luthardt V (2022) Assessing mire-specific biodiversity with an indicator based approach. *Mires and Peat* 28, 32, 29 p. <http://mires-and-peat.net/pages/volumes/map28/map2832.php> [10.19189/MaP.2021.SJ.StA.2205](https://doi.org/10.19189/MaP.2021.SJ.StA.2205)

Tanneberger F, Birr F, Couwenberg J, Kaiser M, Luthardt V, Nerger M, Pfister S, Oppermann R, Zeitz J, Beyer C, van der Linden S, Wichtmann W & Närmann F (2022) Saving soil carbon, greenhouse gas emissions, biodiversity and the economy: paludiculture as sustainable land use option in German fen peatlands. *Regional Environmental Change* 22:69. <https://doi.org/10.1007/s10113-022-01900-8>

Reed MS, Curtis T, Kendall H, Gosál A, Pyndt Andersen S, Ziv G, Attlee A, Fitton R, Hay M, Gibson AC, Hume AC, Hill D, Mansfiel J, Martino S, Prior S, Rodgers C, Strange Olesen A, Rudman H, Tanneberger F (2022): Integrating ecosystem markets to co-ordinate landscape-scale public benefits from nature. *PLoS ONE* 17(1): e0258334. <https://doi.org/10.1371/journal.pone.0258334>

Lembrechts JJ, van den Hoogen J, Aalto J, [...], Tanneberger F, [...] Nijs I, Lenoir J (2022): Global maps of soil temperature. *Global Change Biology*. <https://doi.org/10.1111/gcb.16060>

Kreyling J, Tanneberger F, Jansen F, van der Linden S, Aggenbach C, Blüml V, Couwenberg J, Emsens W-J, Joosten H, Klimkowska A, Kotowski W, Kozub L, Lennartz B, Liczner Y, Liu H, Michaelis D, Oehmke C, Parakenings K, Pleyl E, Poyda A, Raabe S, Röhl M, Rücker K, Schneider A, Schrautzer J, Schröder C, Schug F, Seeber E, Thiel F, Thiele S, Tiemeyer B, Timmermann T, Urich T, van Diggelen R, Vegelin K, Verbruggen E, Wilmking M, Wrage-Mönnig N, Wołejko L, Zak D, Jurasiński G (2021): Rewetting does not return drained fen peatlands to their old selves. *Nature Communications*. <https://doi.org/10.1038/s41467-021-25619-y>

Tanneberger F, Moen A, Barthelmes A, Lewis E, Miles L, Sirin A, Tegetmeyer C, Joosten H (2021): Mires in Europe - Regional diversity, condition and protection. *Diversity* 13: 381. <https://doi.org/10.3390/d13080381>

Hinzke T, Tanneberger F, Aggenbach C, Dahlke S, Knorr K-H, Kotowski W, Kozub L, Lange J, Li G, Pronin E, Seeber E, Wichtmann W, Kreyling J (2021): Can nutrient uptake by Carex counteract eutrophication in fen peatlands? *Science of The Total Environment* 785:147276. DOI: 10.1016/j.scitotenv.2021.147276.

Hinzke T, Li G, Tanneberger F, Seeber E, Aggenbach C, Lange J, Kozub L, Knorr K-H, Kreyling J, Kotowski W (2021): Potentially peat-forming biomass of fen sedges increases with increasing nutrient levels. *Functional Ecology* 35(7). DOI: 10.1111/1365-2435.13803

Kirpotin SN, Antoshkina OA, Berezin AE, Elshehawi S, Feurdean A, Lapshina ED, Pokrovsky OS, Peregon AM, Semenova NM, Tanneberger F, Volkov IV, Volkova IV & Joosten H (2021): Great Vasyugan Mire: How the World's largest peatland helps addressing the World's largest problems. *Ambio* 50: 2038-2049. DOI: 10.1007/s13280-021-01520-2.

Tanneberger F, Abel S, Couwenberg J, Dahms T, Gaudig G, Günther A, Kreyling J, Peters J, Pongratz J & Joosten H (2021): Towards net zero CO₂ in 2050: An emission reduction pathway for organic soils in Germany. *Mires and Peat* 27, 05, 17 p. (Online: <http://www.mires-and-peat.net/pages/volumes/map27/map2705.php>). DOI: 10.19189/MaP.2020.SNPG.StA.1951.

Tanneberger F, Appulo L, Ewert S, Lakner S, Ó Brocháin N, Peters J & Wichtmann W (2020): The Power of Nature-based Solutions: How Peatlands can Help us to Achieve Key EU Sustainability Objectives. *Advanced Sustainability Systems* 5(1). DOI: 10.1002/adss.202000146.

Tanneberger F, Schröder C, Hohlbein M, Lenschow U, Permien T, Wichmann S & Wichtmann W (2020): Climate change mitigation through land use on rewetted peatlands – cross-sectoral spatial planning for paludiculture in Northeast Germany. *Wetlands* 40: 2309-2320. DOI: 10.1007/s13157-020-01310-8.

Arbeiter S, Flinks H, Grünwald J & Tanneberger F (2020): Diet of corncrakes *Crex crex* and prey availability in relation to meadow management. *Ardea* 108(1): 1-10. DOI: 10.5253/arde.v108i1.a7

Emsens W-J, van Diggelen R, Aggenbach C, Cajthaml T, Frouz J, Klimkowska A, Kotowski, Kozub L, Liczner Y, Seeber E, Silvennoinen H, Tanneberger F, Vicena J, Wilk M & Verbruggen E (2020): Recovery of fen peatland microbiomes and predicted functional profiles after rewetting. *The ISME Journal* 14: 1701–1712. DOI: 10.1038/s41396-020-0639-x.

Jurasinski G, Ahmad S, Anadon-Rosell A, Berendt J, Beyer F, Bill R, Blume-Werry G, Couwenberg J, Günther A, Joosten H, Koebisch F, Köhn D, Koldrack N, Kreyling J, Leinweber P, Lennartz B, Liu H, Michaelis D, Mrotzek A, Negassa W, Schenk S, Schmacka F, Schwieger S, Smiljanić M, Tanneberger F, Teuber L, Urich T, Wang H, Weil M, Wilmking M, Zak D & Wrage-Mönnig N (2020): From understanding to sustainable use of peatlands: The WETSCAPES approach. *Soil Systems* 4, 14. DOI:10.3390/soilsystems4010014.

Arbeiter S, Roth T, Helmecke A, Haferland H-J, Tanneberger F & Bellebaum J (2018): Conflict between habitat conservation and Corncrake *Crex crex* brood protection in managed floodplain meadows. *Agriculture, Ecosystems and Environment* 265: 15-21. DOI: 10.1016/j.agee.2018.05.030.

Tanneberger F, Tegetmeyer C, Busse S, Barthelmes A, Shumka S, Moles Mariné A, Jenderedjian K, Steiner GM, Essl F, Etzold J, Mendes C, Kozulin A, Frankard P, Milanović Đ, Ganeva A, Apostolova I, Alegro A, Delipetrou P, Navrátilová J, Risager M, Leivits A, Fosaa

AM, Tuominen S, Muller F, Bakuradze T, Sommer M, Christianis K, Szurdoki E, Oskarsson H, Brink SH, Connolly J, Bragazza L, Martinelli G, Aleksāns O, Priede A, Sungaila D, Melovski L, Belous T, Saveljić D, de Vries F, Moen A, Dembek W, Mateus J, Hanganu J, Sirin A, Markina A, Napreenko M, Lazarević P, Šefferová Stanová V, Skoberne P, Heras Pérez P, Pontevedra-Pombal X, Lonnstad J, Küchler M, Wüst-Galley C, Kirca S, Mykytiuk O, Lindsay R & Joosten H (2017): The peatland map of Europe. *Mires and Peat*. Volume 19, Article 22, 1–17. DOI: 10.19189/MaP.2016.OMB.264.

Tanneberger F, Flinks H, Arbeiter S, Minets M & Hegemann A (2017): Diet analysis of wetland passerine nestlings using neck collars or faecal sampling produces similar results. *Ardea* 105: 145–152. DOI: 10.5253/arde.v105i2.a7.

Arbeiter S, Franke E, Helmecke A & Tanneberger F (2017): Habitat preference of female Corncrakes *Crex crex*: implications for the conservation of breeding sites in a secretive species. *Bird Study* 64: 255–263. DOI: 10.1080/00063657.2017.1318107.

Kłoskowski J, Tanneberger F, Marczakiewicz P, Wisniewska A, Choynowska A (2015): Optimal habitat conditions for the globally threatened Aquatic Warbler *Acrocephalus paludicola* in eastern Poland and their implications for fen management. *Ibis* 157: 406–412. DOI: 10.1111/ibi.12247.

Milne W, Banwart, SA, Noellemyer E, Abson DJ, Ballabio C, Bampa F, Bationo A, Batjes NH, Bernoux M, Bhattacharyya T, Black H, Buschiazzo DE, Cai Z, Cerri CE, Cheng K, Compagnone C, Conant R, Coutinho HL, de Brogniez D, de Carvalho Balieiro F, Duffy C, Feller C, Fidalgo EC, Figueira da Silva C, Funk R, Gaudig G, Gicheru PT, Goldhaber M, Gottschalk P, Goulet F, Goverse T, Grathwohl P, Joosten H, Kamoni PT, Kihara J, Krawczynski R, La Scala Jr N, Lemanceau P, Li L, Li Z, Maron P-A, Martius C, Melillo J, Montanarella L, Nikolaidis N, Nziguheba G, Pan G, Pascual U, Paustian K, Piñeiro G, Powlson D, Quiroga A, Richter D, Sigwalt A, Six J, Smith J, Smith P, Stocking M, Tanneberger F, Termansen M, van Noordwijk M, van Wesemael B, Vargas R, Luiz Victoria R, Waswa B, Werner D, Wichmann S, Wichtmann W, Zhang X, Zhao Y, Zheng J, Zheng J (2015): Soil Carbon, Multiple Benefits. *Environmental Development* 13: 33–38. DOI: 10.1016/j.envdev.2014.11.005.

Völlm C & Tanneberger F (2014): Shallow inundation favours decomposition of *Phragmites australis* leaves in a near-natural temperate fen. *Mires and Peat* 14: Article 6, 01–09. (Online: <http://www.mires-and-peat.net/pages/volumes/map14/map1406.php>)

Bonn A, Reed MS, Evans CD, Joosten H, Bain C, Farmer J, Emmer I, Couwenberg J, Moxey A, Artz R, Tanneberger F, von Unger M, Smyth M-A & Birnie D (2014): Investing in nature: developing ecosystem service markets for peatland restoration. *Ecosystem Services* 9: 54–65. DOI: 10.1016/j.ecoser.2014.06.011.

Tanneberger F, Knöfler V, Linke W, Tegetmeyer C, Kłoskowski J (2014): Rapid changes in vegetation structure of Aquatic Warbler habitats in Pomerania - outcomes of targeted five year habitat management. *Plant Diversity and Evolution* 130: 303–313. DOI: 10.1127/1869-6155/2013/0130-0079.

Wichtmann W, Oehmke C, Bärisch S, Deschan F, Malashevich U & Tanneberger F (2014): Combustibility of biomass from wet fens in Belarus and its potential as a substitute for peat in fuel briquettes. *Mires and Peat* 13: Article 06, 01–10. (Online: <http://www.mires-and-peat.net/pages/volumes/map13/map1306.php>)

Frick A, Tanneberger F, Bellebaum J (2014): Model based selection of areas for the restoration of *Acrocephalus paludicola* habitats in NE Germany. Environmental Management 53: 728-738. DOI: 10.1007/s00267-014-0234-x.

Tanneberger F, Bellebaum J, Helmecke A, Minets M (2013): Nesting and foraging characteristics of the strongly declining Aquatic Warbler population in Pomerania. Acta Ornithologica 48: 109-118. DOI: 10.3161/000164513x670061,

Couwenberg J, Thiele A, Tanneberger F, Augustin J, Bärisch S, Dubovik D, Liashchynskaya N, Michaelis D, Minke M, Skuratovich A, Joosten H (2011): Assessing greenhouse gas emissions from peatlands using vegetation as a proxy. Hydrobiologia 674: 67-89. DOI: 10.1007/s10750-011-0729-x.

Tanneberger F, Bellebaum J, Dylawerski M, Fartmann T, Jurzyk-Nordlöw S, Koska I, Tegetmeyer C, Wojciechowska M (2011): Habitats of the globally threatened Aquatic Warbler (*Acrocephalus paludicola*) in Pomerania – site conditions, flora, and vegetation characteristics. Plant Diversity and Evolution 129/3–4: 253–273. DOI: 10.1127/1869-6155/2011/0129-0047.

Oppel S, Pain DJ, Lindsell J, Lachmann L, Diop I, Tegetmeyer C, Donald PF, Anderson G, Bowden C, Tanneberger F, Flade M (2011): High variation reduces the value of feather stable isotope ratios in identifying new wintering areas for aquatic warblers in West Africa. Journal of Avian Biology 42: 342-354. DOI: 10.1111/j.1600-048x.2011.05252.x.

Tanneberger F, Flade M, Preiksa Z, Schröder B (2010): Habitat selection of the globally threatened Aquatic Warbler at the western margin of the breeding range and implications for management. Ibis 152: 347-358. DOI: 10.1111/j.1474-919x.2010.01016.x.

Tanneberger F, Tegetmeyer C, Dylawerski M, Flade M, Joosten H (2009): Commercially cut reed as a new and sustainable habitat for the globally threatened Aquatic Warbler. Biodiversity and Conservation 18: 1475-1489. DOI: 10.1007/s10531-008-9495-0.

Tanneberger F, Bellebaum J, Helmecke A, Fartmann T, Just P, Jehle P, Sadlik J (2008): Rapid deterioration of aquatic warbler *Acrocephalus paludicola* habitats at the western margin of its breeding range. Journal of Ornithology 149 (1):105-115.

Schipper AM, Zeefat R, Tanneberger F, Van Zuidam JP, Hahne W, Schep S, Loos S, Bleuten W, Joosten H, Lapshina ED, Wassen MJ (2007): Vegetation characteristics and eco-hydrological processes in a pristine mire in the Ob River valley (Western Siberia). Plant Ecology 193:131–145. DOI: 10.1007/s11258-006-9253-x.

Wassen MJ, Olde Venterink H, Lapshina ED, Tanneberger F (2005): Endangered plants persist under phosphorus limitation. Nature 437 (7058): 547-551. DOI: 10.1038/nature03950.

Books / Bücher

Närmann, F., Birr, F., Kaiser, M., Nerger, M., Luthardt, V., Zeitz, J. & Tanneberger, F. (2021) Klimaschonende, biodiversitätsfördernde Bewirtschaftung von Niedermoorböden. BfN-Skripten 616. Bundesamt für Naturschutz, Bonn - Bad Godesberg. 342 p.
<https://www.bfn.de/sites/default/files/2021-11/Skript616.pdf>

Tanneberger F & Kubacka J (2018): The Aquatic Warbler Conservation Handbook. Brandenburg State Office for Environment (LfU), Potsdam. 260 p.

https://www.lifeschreiaadler.de/data/user/Downloads/D06_Aquatic%20Warbler%20Conservation%20Handbook%20-%20LfU%202018.pdf

Bellebaum J & Tanneberger F (2017): Schutz von Seggenrohrsänger, Wachtelkönig und Brenndoldenwiesen am Beispiel des Unteren Odertals. Naturschutz und Biologische Vielfalt Heft 16

Joosten H, Tanneberger F & Moen A (eds) (2017): Mires and peatlands of Europe: Status, distribution and conservation. Schweizerbart Science Publishers, Stuttgart, 730 p.

https://www.schweizerbart.de/publications/detail/isbn/9783510653836/Joosten_Tanneberger_Moen_Mires_and_peat

Joosten H, Brust K, Couwenberg J, Gerner A, Holsten B, Permien T, Schäfer A, Tanneberger F, Trepel M & Wahren A (2015): MoorFutures® Integration of additional ecosystem services (including biodiversity) into carbon credits – standard, methodology and transferability to other regions. BfN-Skript 407. Bundesamt für Naturschutz, Bonn-Bad Godesberg. 120 p.

<https://www.bfn.de/fileadmin/BfN/service/Dokumente/skripten/skript407.pdf>

Joosten H, Brust K, Couwenberg J, Gerner A, Holsten B, Permien T, Schäfer A, Tanneberger F, Trepel M & Wahren A (2013): MoorFutures®. Integration von weiteren Ökosystemdienstleistungen einschließlich Biodiversität in Kohlenstoffzertifikate – Standard, Methodologie und Übertragbarkeit in andere Regionen. BfN-Skript 350. Bundesamt für Naturschutz, Bonn-Bad Godesberg. http://www.bfn.de/0502_skriptliste.html1

Tanneberger F, Popiela A, Hübener T, Ringel H, Schiefelbein U (eds) (2013): Flora, vegetation and landscape of Pomerania. Plant Diversity and Evolution 130. Schweizerbart, Stuttgart. 129 p.

Tanneberger F & Wichtmann W (eds.) (2011): Carbon credits from peatland rewetting. Climate - biodiversity - land use. Schweizerbart, Stuttgart. 223 p.
https://www.schweizerbart.de/publications/detail/isbn/9783510652716/Carbon_credits_from_peatland_rewettingbrClimate_biodiversity_land_use

Tanneberger F & Wichtmann W (eds.) (2011): Uglerodnye kredity i zabolachivanie degradirovannyh torfjanikov. Klimat - Bioraznoobrazie – Zemlepolzovanie. Schweizerbart, Stuttgart. 223 p.

Popiela A, Porembski S, Schiefelbein U, Tanneberger F, Wieczorek A (eds) (2011): Flora, vegetation and landscape of Pomerania. Plant Diversity and Evolution 129. Schweizerbart, Stuttgart. 119 p.

Theuerkauf M, Couwenberg J, Joosten H, Kreyer D, Tanneberger F (eds.) (2006): New Nature in North-Eastern Germany. A field guide. Institute of Botany and Landscape Ecology, University of Greifswald, Greifswald. 125 p.

Book chapters / Buchbeiträge

Tanneberger F, Larmola T, Sirin A, Arias-Navarro C, Farrell C, Glatzel S, Kozulin A, Laerke P-E, Leifeld J, Mäkipää R, Minayeva T, Moen A, Oskarsson H, Pakalne M, Sendžikaitė J (2022) Chapter 5 Europe. In: UNEP (eds). Global Peatlands Assessment – The State of the World's Peatlands: Evidence for action toward the conservation, restoration, and sustainable management of peatlands. Main Report. Global Peatlands Initiative. United Nations

Environment Programme, Nairobi. pp. 123-154 <https://www.unep.org/resources/global-peatlands-assessment-2022>

Succow M, Jeschke L, Gaudig G & Tanneberger F (2022) Nasse Moore braucht das Land. In: Succow M & Jeschke L (eds) Deutschlands Moore. Ihr Schicksal in unserer Kulturlandschaft. Natur + Text, Rangsdorf. pp. 473-510.

Gaudig G & Tanneberger F (2019) Peatland Science and Conservation: Contributions of the Greifswald Mire Centre, Germany. In: Mueller L & Eulensteiner F (eds) Current trends in landscape research. Innovations in landscape research. Springer, Cham. pp. 611-629. https://doi.org/10.1007/978-3-030-30069-2_28

Sirin A, Minayeva T, Joosten H & Tanneberger F (2018) 3.3.2.8 Peatlands. In: IPBES: The IPBES regional assessment report on biodiversity and ecosystem services for Europe and Central Asia. Rounsevell, M., Fischer, M., Torre-Marin Rando, A. and Mader, A. (eds.). Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Bonn, Germany, pp. 217-220.

Wichtmann W, Kapitsa V, Tanneberger F & Tanovitskaja N (2016): Belarus – Biomass from rewetted peatlands as a substitute for peat and for promoting biodiversity. In: Wichtmann W., Schröder C & Joosten H (eds.) Paludiculture – productive use of wet peatlands. Climate protection – biodiversity – regional economic benefits. Schweizerbart Science Publishers, Stuttgart. pp. 205-206.

Tanneberger F, Gatkowski D & Krogulec J (2016): Poland – Paludiculture for biodiversity and peatland protection. In: Wichtmann W., Schröder C & Joosten H (eds.) Paludiculture – productive use of wet peatlands. Climate protection – biodiversity – regional economic benefits. Schweizerbart Science Publishers, Stuttgart. pp. 207-208.

Wichtmann W, Kapitsa V, Tanneberger F & Tanovitskaja N (2016): Belarus – Niedermoerbiomasse als Torfersatz und Förderung der Biodiversität. In: Wichtmann W., Schröder C & Joosten H (eds.) Paludikultur – Bewirtschaftung nasser Moore. Klimaschutz – Biodiversität – regionale Wertschöpfung. Schweizerbart Science Publishers, Stuttgart. pp. 205-206.

Tanneberger F, Gatkowski D & Krogulec J (2016): Poland – Paludikultur für Biodiversitäts- und Moorschutz. In: Wichtmann W., Schröder C & Joosten H (eds.) Paludikultur – Bewirtschaftung nasser Moore. Klimaschutz – Biodiversität – regionale Wertschöpfung. Schweizerbart Science Publishers, Stuttgart. pp. 207-208.

Joosten H, Gaudig G, Tanneberger F, Wichtmann S & Wichtmann W (2016): Paludicultures: Sustainable productive use of wet and rewetted peatlands. In: Bonn A, Allott T, Evans M, Joosten H & Stoneman R (eds.): Peatland restoration and ecosystem services: science, practice, policy. Cambridge University Press. pp. 339-357.

Bachinger, J., Berger, G., Blocj, R., Deumlich, D., Freier, B., Funk, R., Glehnitz, M., Gottwald, F., Horn, H., Kersebaum, C., Kühne, S., Müller, K., Pfeffer, H., Plieninger, T., Podhora, A., Reckling, M., Reutter, M., Saure, C., Schleyer, C., Steidl, J., Stein-Bachinger, K., Tanneberger, F., Trepel, M., Wagener, E. & Wichtmann, S. (2016): Ökosystemleistungen in Agrarlandschaften. In: von Haaren, C. & Albert, C. (eds.): Naturkapital Deutschland - TEEB-DE. Ökosystemleistungen in Ländlichen Räumen. Hannover, Leipzig. pp. 45-146.

Bonn, A., Berghöfer, A., Couwenberg, J., Drösler, M., Jensen, R., Kantelhardt, J., Luthardt, V., Permien, T., Röder, N., Schaller, L., Schweppe-Kraft, B., Tanneberger, F., Trepel, M. & Wichtmann, S. (2015): Klimaschutz durch Wiedervernässung von kohlenstoffreichen Böden.

In: Hartje, V., Wüstemann, H. & Bonn, A. (eds.): Naturkapital und Klimapolitik – Synergien und Konflikte. Technische Universität Berlin, Helmholtz-Zentrum für Umweltforschung – UFZ. Berlin, Leipzig, pp. 124-147.

Joosten H, Gaudig G, Krawczynski R, Tanneberger F, Wichmann S & Wichtmann W (2014): Managing Soil Carbon in Europe: paludicultures as new perspective for peatlands. In: Banwart SA, Noellemyer E, Milne E (eds.) Soil Carbon: Science, management and policy for multiple benefits. SCOPE Series Vol. 71. CABI, Wallingford, UK. pp. 297-306.

Tanneberger F, Krogulec J & Gatkowski D (2014) Managing wet fens for biodiversity conservation and sustainable biomass use. Using peatland biomass for fuel at Biebrza. In: Cris R, Buckmaster S, Bain C, Reed M (Eds) Global Peatland Restoration demonstrating SUCCESS. IUCN UK National Committee Peatland Programme, Edinburgh. pp. 26-27.

Domrain R, Barthelmes A, Tanneberger F, Bonn A, Bain C, Joosten H (2012): Country-wise opportunities. In: Joosten H, Tapio-Biström M-L, Tol S (eds.) Peatlands - guidance for climate change mitigation by conservation, rehabilitation and sustainable use. Mitigation of climate change in agriculture Series 5. FAO and Wetlands International, Rome. pp. 45-84.

Bärisch S & Tanneberger F (2011): Recommended research activities. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 189-193.

Bärisch S, Tanneberger F, Wunderlich J & Joosten H (2011): Recommended monitoring activities. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 193-195.

Field R & Tanneberger F (2011): Peatland rewetting and biodiversity management. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 69-70.

Field R, Tanneberger F & Bradbury R (2011): Target and indicator species. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 77-81.

Minke M, Tanneberger F & Wichtmann W (2011): Capacity building. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 152-154.

Tanneberger F (2011): Portrait of the Aquatic Warbler. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 68-77.

Tanneberger F (2011): The Aquatic Warbler as an umbrella species. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 79.

Tanneberger F (2011): Relationship between peatland condition and biodiversity values. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 63-64.

Tanneberger F (2011): Birds and reed harvesting. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 131.

Tanneberger F & Field R (2011): Biodiversity actions. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 145-147.

Tanneberger F & Malashevich U (2011): Restoring Aquatic Warbler breeding sites. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 69-70.

Tanneberger F & Thiele A (2011): Practical rewetting examples. Introduction. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 169.

Tanneberger F & Wichtmann W (2011): Biomass use for raw material. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 113-115.

Tanneberger F & Wichtmann W (2011): Benefits from land use on rewetted peatlands. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 128-132.

Voitekhovitch I, Broska T, Thiele A & Tanneberger F (2011): Jelnia. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 184-187.

Voitekhovitch I, Chabrouskaya O, Thiele A & Tanneberger F (2011): Dalbeniski. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 170-172.

Voitekhovitch I, Chabrouskaya O, Thiele A & Tanneberger F (2011): Zada. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 172-174.

Voitekhovitch I, Chabrouskaya O, Thiele A & Tanneberger F (2011): Scarbinski Moch. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 177-181.

Voitekhovitch I, Chabrouskaya O, Thiele A & Tanneberger F (2011): Dakudauskaje. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 181-1834.

Voitekhovitch I, Chabrouskaya O, Thiele A, Wichtmann W & Tanneberger F (2011): Hrycyna-Starobinskaja. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 174-177.

Wichtmann W & Tanneberger F (2011): Sensitising global conventions for climate change mitigation by peatlands. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 107-112.

Zhuralev D & Tanneberger F (2011): Experiences from rewetted sites in Belarus - Chernobyl zone. In: Tanneberger F & Wichtmann W (eds.) Carbon credits from peatland rewetting. Climate - biodiversity - land use. Science, policy, implementation and recommendations of a pilot project in Belarus. Schweizerbart, Stuttgart, pp. 72.

Tanneberger F, Flade M & Joosten H (2005): An Introduction to Aquatic Warbler conservation in Western Pomerania. In: Kotowski W (ed.): Anthropogenic influence on wetlands biodiversity and sustainable management of wetlands. WETHYDRO Monographs. Warsaw Agricultural Press, Warsaw. pp. 97-106.

Research reports, discussion papers, other journal papers/

Forschungsberichte, Diskussionspapiere, andere Aufsätze

Lennartz B, Tanneberger F, Wrage-Mönnig N (2021) Peat soils: Climate killer or climate saver? Open Access Government edition 29: 352-353.

Barthelmes A, Abel S, Barthelmes K-D, Couwenberg J, Kaiser M, Reichelt F, Tanneberger F, Joosten H (2021) Evaluierung von Moor-Wiedervernässungen in Deutschland – Ergebnisse, Erfahrungen und Empfehlungen. Naturschutz und Biologische Vielfalt Heft 171: 121-148.

Hirschelmann S, Tanneberger F, Wichmann S, Reichelt F, Hohlbein M, Couwenberg J, Busse S, Schröder C & Nordt A (2020) Moore in Mecklenburg-Vorpommern im Kontext nationaler und internationaler Klimaschutzziele - Zustand und Entwicklungspotenzial. Faktensammlung. DUENE e.V., Partner im Greifswald Moor Centrum. 33 p.

Schmacka F, Jurasinski G, Tanneberger F, Leinweber P & Wrage-Mönnig N (eds) (2019) WETSCAPES conference – Understanding the ecology of restored fen peatlands for protection and sustainable use. September 10 to 13, 2019, Rostock, Germany. Rostock. 192 p.

Schröder C, Tanneberger F & Vegelin K (2020) Etablierung einer Wiesennutzung für Seggenrohrsänger *Acrocephalus paludicola* und Limikolen im Unteren Peenetal - Landschaftspflegeaktivitäten des Fördervereins „Naturschutz im Peenetal“ e. V. Beiträge zur Avifauna Mecklenburg-Vorpommerns 1.2: 106-111.

Tanneberger F (2020) Erforschung und Schutz von Moorvogelarten. Beiträge zur Avifauna Mecklenburg-Vorpommerns 1.2: 207-208.

Ministerium für Landwirtschaft und Umwelt M-V (2017) Umsetzung von Paludikultur auf landwirtschaftlich genutzten Flächen in Mecklenburg-Vorpommern. Fachstrategie zur Umsetzung der nutzungsbezogenen Vorschläge des Moorschutzkonzeptes. Erarbeitet von C. Schröder, M. Hohlbein, S. Wichmann, F. Tanneberger, U. Lenschow & T. Permien. Schwerin. 98 S.

Schröder C, Oehmke C, Vegelin K & Tanneberger F (2017) Zusammenfassende Darstellung der Mahdaktivitäten des Fördervereins „Naturschutz im Peenetal“ e.V. im Unteren Peenetal (2006-2016) sowie der im Gebiet durchgeföhrten Untersuchungen. 63 p.
http://www.naturschutz-peenetal.de/doc/FVP_et_al_2017_10_Jahren_Mahd_im_Unteren_Peenetal_Bericht.pdf

Permien T & Tanneberger F (2016): Neue Märkte – neue Produkte: MoorFutures® eine Investition in den Klimaschutz. *Aqua viva* 58 (3): 22-23.

Bellebaum J & Tanneberger F (2016) Wasser und Wiesen für den Seggenrohrsänger – Schutzmaßnahmen im Nationalpark Unteres Odertal. *Natur und Landschaft* 91(8): 353-358.

Permien T, Tanneberger F (2015) Neue Märkte - neue Produkte: MoorFutures eine Investition in Klimaschutz. *Wasser und Abfall* 17(10): 20-25.

Joosten H, Berghöfer A, Couwenberg J, Dietrich K, Holsten B, Permien T, Schäfer A, Tanneberger F, Trepel M & Wahren A (2015): Die neuen MoorFutures® - Kohlenstoffzertifikate mit ökologischen Zusatzleistungen. *Natur und Landschaft* 90(4): 170-175.

Reed MS, Bonn A, Evans C, Joosten H, Bain C, Farmer J, Emmer I, Couwenberg J, Moxey A, Artz R, Tanneberger F, von Unger M, Smyth M, Birnie R, Inman I, Smith S, Quick T, Cowap C & Prior S (2013) Peatland Code Research Project Final Report, Defra, London, 117 p.

Tanneberger F, Adams B, Hübener T, Lorenz S, Münchberger R, Popiela A, Porembski S, Ringel H, Schiefelbein U, Thiele S & Weichbrodt D (2013): Von Bielinek bis Sternberger Seenland - das zweite Symposium zur Flora, Vegetation und Landschaft in Pommern "Flora Pomeranica 2012". *Naturschutzarbeit in Mecklenburg-Vorpommern* 55(1): 60-63.

Wichtmann W, Haberl A, Tanneberger F (2012): Production of biomass in wet peatlands (paludiculture). The EU-Aid project 'Wetland Energy' in Belarus - solutions for the substitution of fossil fuels (peat briquettes) by biomass from wet peatlands. *Schriftenreihe Umweltingenieurwesen* 32: 85-93.

Tanneberger F, Bellebaum J, Völlm C, Sellin D, Vegelin K (2012): Wiesenbrüter im Schilf? – Ergebnisse der sommerlichen Pflegemahd eines LIFE-Projektes im Unteren Peenetal mit Vorschlägen zur Optimierung als Wiesenbrütergebiet. *Ornithol. Rundbr. Mecklenbg.-Vorpomm.* 47 (1): 52-65.

Tanneberger F, Bellebaum J, Frick A (2010): NATURA 2000 Species Management Plan for the Aquatic Warbler in Brandenburg. Unpublished report. 223 p.

Wichtmann W, Tanneberger F, Wichmann S, Joosten H (2010): Paludiculture is paludifuture: Climate, biodiversity and economic benefits from agriculture and forestry on rewetted peatland. *Peatlands International* 01/2010: 48-51.

Wichtmann W, Wichmann S, Tanneberger F (2010): Paludikultur – Nutzung nasser Moore: Perspektiven der energetischen Verwertung von Niedermoorbiomasse. Naturschutz und Landschaftspflege in Brandenburg 19 (3/4): 211-218.

Wichtmann W, Tanneberger F (2009): Feasibility of the use of biomass from re-wetted peatlands for climate and biodiversity protection in Belarus. DUENE, Greifswald, 113 p.

Thiele A, Tanneberger F (2009): Klotzen statt Kleckern - Wiedervernässung von degradierten Mooren zum Klima- und Biodiversitätsschutz in Belarus. Naturmagazin Berlin – Brandenburg 2009/4: 46-50.

Thiele A, Tanneberger F, Minke M, Couwenberg J, Wichtmann W, Karpowicz Z, Fenchuk V, Kozulin A, Joosten H (2009): Belarus boosts peatland restoration in Central Europe. Peatlands International 01/2009: 32-24.

Tanneberger F, Kozulin A, Krogulec J (2009): Feuermanagement im Niedermoor: Beispiele aus Polen und Weißrussland. BfN-Schriftenreihe Naturschutz und Biologische Vielfalt 73: 173-188

Tanneberger F (2008): The Pomeranian population of the Aquatic Warbler - habitat selection and management. PhD thesis, Greifswald University.

Bellebaum J & Tanneberger F (2007): Hoffnung für den „Spatz der Niedermoore“? Der Seggenrohrsänger in Deutschland. Vogelwelt 128: XI-XII.

Tanneberger F, Bellebaum J, Flade M, Kulbe J, Sellin D, Vegelin K (2007): Polnisch-deutsches Life-Projekt zum Schutz des Seggenrohrsängers (*Acrocephalus paludicola*) im Peenetal. Naturschutzarbeit in Mecklenburg-Vorpommern. 2/2007:38-42.

Tanneberger F, Bellebaum J, Flade M (2007): Hoffnung für den Spatz der Niedermoore. Naturmagazin Berlin-Brandenburg-Mecklenburg-Vorpommern. p. 42-43.

Tanneberger F, Bellebaum J (2007): LIFE-Projekt zum Schutz des Seggenrohrsängers gestartet. Ber. Vogelschutz 43: 140-141.

Tegetmeyer C, Tanneberger F, Dylawerski M, Flade M, Joosten H (2007): Saving Europe's most threatened song bird – reed cutters and conservationists team up in Polish peatlands. Peatlands International: 19-23.

Tanneberger F (2006): Conserving Europe's flagship species of fen mires. IMCG Newsletter. p. 20-21.

Tanneberger F, Joosten H (2006): Greifswald ecological restoration conference highlights global importance of peatlands. Peatlands International 2: 21-22.

Tanneberger F, Hahne W, Joosten H (2003): Wohin auch das Auge blicket: Moore, Moorforschung & Moorschutz in Westsibirien. Telma 33: 209-229.

Tanneberger F, Hahne W (2003): Landscape Ecology and Palaeoecology of Ob Valley Mires near Tomsk/Western Siberia. Unpublished diploma thesis. Ernst-Moritz-Arndt University Greifswald. 90 p.

Tennhardt T, Joosten H, Tanneberger F (2002): Expedition Report Western Siberia: World Natural Heritage Programme and Mire Research in the West-Siberian Lowland. Greifswald University. 52 p.

Kozulin A, Ostrovski O, Tanneberger F, Pareiko O, Yurko V (2002): Waterbirds on large fishponds of Belarus. OMPO Special publication „Waterbirds of large fishponds of Belarus and Lithuania“, Vilnius. S. 7-51.

Tanneberger F (2002): Unbekanntes Weißrussland: Wasservögel und Karpfen. Der Falke 49: 42-48.

Graffenberger M, Tanneberger F (2002): Weiterhin kein wirksamer Schutz für die Freesendorfer Wiesen. NABU-Nachrichten MV 1: 3-6

Tanneberger F, Tennhardt T (2002): Eine andere Dimension. Moorschutz in Westsibirien. Naturschutz heute 3: 42-43.

Lapshina E, Tanneberger F (2002): 716,000 ha Siberian minerotrophic mires soon under protection. IMCG-Newsletter 4: 12-13.

Tanneberger F (2002): Abschied vom Seggenrohrsänger. Bei Greifswald wird Artensterben subventioniert. Neues Deutschland 4. Februar. S. 10.

Tanneberger F (2002): A new challenge for peatland restoration in Belarus. IMCG newsletter 2: 26-27.

Tanneberger F (2002): Total versumpft. Eine internationale Studentengruppe forscht im größten Moor der Welt. UniSPIEGEL 1: 22-24.

Tanneberger F (2001): Pond fish-farming in Belarus. Ecological and Economic Parameters and its Importance for the Conservation of Birds. Unpublished report for the Royal Society for the Protection of Birds, United Kingdom, and Bird Conservation Belarus, Belarus. 70 p.

Tanneberger F (2001): Die Wende des Kajaks. Umbrüche und Perspektiven in Estland. Neue Landwirtschaft 6: 78-82.

Tanneberger F (2001): Leben nach dem GAU. Weißrußland 15 Jahre nach Tschernobyl. Likedeeler 6: 14-15.

Tanneberger F (1998): Bratislava – und kein Schritt weiter? Zur 4. Vertragsstaatenkonferenz der Biodiversitätskonvention aus Sicht eines Beobachters. Ökowerkmagazin Berlin/Brandenburg 7/8: 40