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### References

- Aardema**, M., 1981, *Uit het leven van een veenarbeider*. Bosch & Keuning, Baarn
- Aaviksoo**, K., Kadarik, H., Masing, V., 1997, *Kaug-ja lähivõtteid 30 Eesti soost*. Aerial views and close-up pictures of 30 Estonian mires. The first book on telmatography. Ministry of the Environment, Tallinn.
- Achterhuis**, H., 1988, *Het rijk van de schaarste*. Van Thomas Hobbes tot Michel Foucault. Ambo, Baarn.
- additional references**
- Agriculture Canada** Expert Committee on Soil Survey, 1987, *The Canadian system of soil classification*. 2<sup>nd</sup> ed. Agr. Can. Publ. 1646. 164p.
- Ahrlrichs**, R. 1987 *Das Lied der Moore*. Eine Heimatkunde für dich und mich. Reinhard, Leer.
- Åhman**, R., 1977, *Palsar i Nordnorge*. En studie av palsar morfologi, utbredning och klimatiska förusättningar i Finnmarks och Troms fylke. Meddelanden från Lunds Universitets Geografiska Institution 78: 1-165.
- Äikäs**, O., Seppänen, H., Yli-Kyyny, K. and Leino, J., 1994, *Young uranium deposits in peat, Finland: an orienttation study*. Geological Survey of Finland, Espoo. Report of investigation 124.
- Alexandrov**, G.A., 1988, *A spatially distributed model of raised bog relief*. In: W.J. Mitsch, M. Straškraba and S.E. Jorgensen (Eds.): *Wetland modelling*. Elsevier, Amsterdam, pp. 41-53.
- Alexandrova**, V.D., 1988, *Vegetation of the Soviet polar deserts*. Cambridge University Press, Cambridge.
- Ali**, A., 2000, *Endemic fish of peatland in Malaysia*. In : Rochefort, L. & Daigle, J.-Y (Eds.): *Sustaining our peatlands*. IPS Congress Quebec 2000 Proceedings 2: 1109
- Alm**, J., Schulman, L., Walden, J., Nykänen, H., Martikainen, P.J. & Silvola, J., 1999, *Carbon balance of a boreal bog during a year with an exceptionally dry summer*, *J. Ecol.* 80: 161-174.
- Andrejko**, M.J., Fiene F., Cohen A.D., 1983, *Comparison of ashing techniques for determination of the inorganic content of peats*. P. 5-20 In: Jarrett P.M. ed *Testing of peats and organic soils*. ASTM Spec Tech Publ 820. 241p.
- Andriesse**, A.J., 1988, *Nature and management of tropical peat soils*. *FAO Soils Bulletin* 59, FAO Rome. <http://www.fao.org/docrep/x5872e/x5872e00.htm#Contents>
- Armentano**, T.V. & Menges, E.S. 1986, *Patterns of change in the carbon balance of organic soil-wetlands of the temperate zone*. *J. Ecol.* 74: 755-774.
- Armstrong**, W., 1975, *Waterlogged soils*. In: J.R. Etherington: *Environment and plant ecology*. Wiley, London, pp. 181-218.
- Aselmann**, I., Crutzen, P.J., 1990, *A global inventory of wetland distribution and seasonality, net primary productivity and estimated methane emissions*. In: Bouwman, A.F., *Soils and the greenhouse effect*. John Wiley & Sons Ltd, Chichester, pp. 441-449.
- Asplund**, D., 1996, *Energy Use of Peat*. In: Lappalainen, E. (ed.) *Global Peat Resources*. International Peat Society, Jyskä, pp. 319-325.
- Attfield**, R. & Dell, K. (Eds.), 1996, *Values, conflict and the environment*. 2nd ed. Ashgate, Aldershot.

- Augustin, J.**, 1997, Nitrous oxide emissions from different fen peatland sites in northeast Germany (Abstract). 7th International Workshop on Nitrous Oxide Emissions. 21.-23. April, Köln
- Augustin, J.**, 2001, Emission, Aufnahme und Klimarelevanz von Spurengasen. In: Succow, M. & Joosten, H. (eds.): Landschaftsökologische Moorkunde. Schweizerbart, Stuttgart, pp. 28-37.
- Augustin, J.**, and Merbach, W., 1996, Factors controlling nitrous oxide and methane emission from minerotrophic fens in Northeast Germany. Transactions of the 9th Nitrogen Workshop, Braunschweig, September 1996, Technische Universität Braunschweig und Bundesforschungsanstalt für Landwirtschaft, pp. 133-136.
- Augustin, J.**, Mehrbach, W., Käding, H., Schalitz, G. & Schmidt, W., 1998, Einfluss von N-Düngung, extensiver Schnitt- und Weidenutzung sowie Wiedervernässung auf die Lachgas- und Methanemission aus degradiertem Niedermoorgrünland. Ökologische Hefte der Humboldt Universität Berlin 9: 56-59.
- Augustin, J.**, Merbach, W., Schmidt, W., Reining, E., 1996, Effect of changing temperature and water table on trace gas emissions from minerotrophic mires. *Angew Bot* 70: 45-51
- Baaijens, G.J.**, 1984, Venen en mensen: water en vuur. In: F.H. Everts & N.P.J. de Vries: Het Dwingelderveld. Vegetatie. Staatsbosbeheer, Utrecht, pp. 8-45.
- Baaijens, G.J.**, Baaijens, G.J., and De Molenaar, J.G., 1982, Water, water management and nature conservation, *Versl. Meded. Comm. Hydrol. Onderz. T.N.O.* (296B), pp. 235-257.
- Baaijens, G.J.**, Barkman, J.J., and Casparie, W.A., 1982, Het Witterveld bij Assen. Een schets van de natuurlijke gesteldheid en een evaluatie van de gevolgen van intensivering van het militair gebruik. Leersum, 29 p.
- Baden, W.**, 1939. Sachgemäße Bewirtschaftung des Hochmoores. Reichsnährstand Verlags GmbH, Berlin, 105 p.
- Bakéus, I.**, and Grab, S., 1995, Mires in Lesotho. In: Moen A. (ed.) *Gunneria 70-Regional variation and Conservation of Mire Ecosystems*, International Mire Conservation Group, Trondheim.
- Ball, P.**, 2000, H<sub>2</sub>O. A biography of water. Orion, London.
- Bambalov, N.**, Belenkiy S.G., Rakovich V.A. and Smirnov, C.V., 1996, Ecosystem management of natural and modified peatlands: Scientific remarks on renaturalisation of cut-off peat deposits in Belarus. In: Lüttig, G. (ed.) *Proceedings of the 10<sup>th</sup> International Peat Congress*, Bremen, Germany.
- Bambalov, N.N.** 1996, Peatlands and peat resources of Belarus. In: Lappalainen, E. (ed.) *Global peat resources*. International Peat Society, Jyskä, pp.57-60
- Barber, K. E.**, 1993, Peatlands as scientific archives of biodiversity. *Biodiversity & Conservation* 2: 474-489.
- Barber, K. E.**, Maddy, D., Rose, N., Stevenson, A.C., Stoneman, R.E. & Thompson, R., 2000, Replicated proxy-climate signals over the last 2000 years from two distant UK peat bogs: new evidence for regional palaeoclimate teleconnections. *Quaternary Science Reviews* 18: 471-479.
- Barber, K.E.**, 1981, Peat stratigraphy and climatic change. A palaeoecological test of the theory of cyclic peat regeneration. Balkema, Rotterdam.
- Barbier, E.B.**, 1994, Valuing environmental functions: tropical wetlands. *Land Economics* 70: 155-173.
- Barlow, J.**, 1893, Bog-land studies. Hodder and Stoughton, London .
- Bartels, J.**, 1987, Kennis / geschiedenis / objectiviteit. Een filosofische reflectie op enkele ontwikkelingen in de wetenschapstheorie. Konstapel, Groningen.

- Bedford, B.L.**, 1999, Cumulative effects on wetland landscapes: Links to wetland restoration in the United States and southern Canada. *Wetlands* 19: 775-788.
- Beecher Stowe, H.** 1856, *Dred; Tale of the Great Dismal Swamp*. Phillips & Sampson, Boston.
- Belanger, A.**, Potvin, D., Cloutier, R. Caron, M. and Theriault, G. 1988. Peat: a resource of the future. Centre de Recherche Premier, Tourbières Premier, Rivière-du-Loup, Québec, 115p.
- Bell, S. & Morse, S.**, 1999. Sustainability indicators. Measuring the immeasurable. Earthscan, London.
- Bellamy, D.J.**, 1972, Templates of peat formation. In: Proc. 4th Int. Peat Congr., Helsinki, I: 7-18.
- Belokurov, A.**, Innanen, S., Koc, A., Kordik, J., Szabo, T., Zalatnay, J. & Zellei, A., 1998, Framework for an integrated land-use plan for the Mid-Yaselda area in Belarus. EPCEM, Leiden.
- Berglund, B.E.**, (ed.), 1986, *Handbook of Holocene Palaeoecology and Palaeohydrology*. Wiley, Chichester.
- Berlyne, D.E.** 1971. *Aesthetics and psychobiology*. Appleton-Century-Crofts, New York.
- Bick, W.**, Robertson, R.A., Schneider, R.u.S., 1973, *Schneider: Fachwörterbuch Moor und Torf, Deutsch/Englishch/Russisch*, 90 S., 19 Lit., Torfforschung GmbH, Bad Zwischenahn.
- Birks, H.J.B. & Birks, H.H.**, 1980, *Quaternary Palaeoecology*. Edward Arnold, London.
- Birnbacher, D.**, 1996, Landschaftsschutz und Artenschutz: Wie weit tragen utilitaristische Begründungen. In: H.G. Nutzinger (ed.): *Naturschutz – Ethik – Ökonomie. Theoretische Begründungen und praktische Konsequenzen*. Metropolis, Marburg, pp. 49-72.
- Björk, S.**, and Granéli, W., 1978. Energy reeds and the environment. *Ambio* 7: 150-156.
- Blankenburg, J.**, 1996, Re-wetting of partly cut-over peatlands with highly decomposed peat remains, In: Lüttig, G. (ed.) *Proceedings of the 10<sup>th</sup> International Peat Congress*, Bremen, Germany.
- Blankenburg, J.** and Hennings H.H., 1996, Rewetting of fens and wetting properties of peat, In: Lüttig, G. (ed.), *Proceedings of the 10<sup>th</sup> International Peat Congress*, Bremen, Germany.
- Blankers, P.**, Cromptvoets, H., van Geffen, F., Joosten, H. & van de Kam, J., (comp.), 1988, *Water en vuur. Schrijvers over de Peel*. Werkgroep Behoud de Peel, Deurne.
- Blicher-Mathiesen, G. & Hoffmann, C.C.**, 1999, Denitrification as a sink for dissolved nitrous oxide in a freshwater riparian fen. *Journal of Environmental quality* 28: 257-262.
- Bliss, L.C.**, 1997, Arctic ecosystems of North America. . In: F.E. Wielgolaski (ed.): *Polar and alpine tundra. Ecosystems of the World 3*, Elsevier, Amsterdam, pp. 551-683.
- Blyakharchuk, T.A.**, and Sulerzhitsky, L.D., 1999, Holocene vegetational and climatic changes in the forest zone of Western Siberia according to pollen records from the extrazonal palsa bog Bugristoye. *The Holocene* 9 : 621-628.
- Bord na Móna**, 1993, Briefing Note on Europeat 1: The proposed new peat-fired power station in the East Midlands, Bord na Móna, Newbridge, Ireland.

- Botch**, M. & Masing, K.I., 1979. Regionality of mire complex types in the USSR. Proceedings of the International Symposium on Classification of Peat and Peatlands Hyytiälä, Finland, September 17-21, pp.1-11.
- Botch**, M.S., Kobak, K.I., Vinson, T.S. & Kolchugina, T.P., 1995, Carbon pools and accumulation in peatlands of the Former Soviet Union. *Global Biogeochem. Cycles* 9: 37-46.
- Boudreau**, S. and Rochefort, L., 2000, The use of companion species or straw mulch cover: microclimatic conditions and implication for *Sphagnum* re-establishment. In: Rochefort, L. & Daigle J-Y, Proceedings of the 11<sup>th</sup> International Peat Congress, Québec, Canada.
- Boyer**, M.L.H. & Wheeler, B.D., 1989, Vegetation patterns in spring-fed calcareous fens: calcite precipitation and constraints in fertility. *J. Ecol.* 77: 597-609.
- Brandyk**, T. & Skapski, K., 1988, Determination of unsaturated hydraulic conductivity of some peat-muck soil profiles. *Proc. 8th Intern. Peat Congr. Leningrad III*: 190-198.
- Bremer**, J., 1992, Points of condensation in a continuous stream of thought. The works of Gerrit van Bakel (1943-1984). In: Gerrit van Bakel 1943-1984, Rijksmuseum Kröller-Müller, Otterlo, pp. 73-103.
- Brennan**, A., 1992, Moral pluralism and the environment. *Environmental Values* 1: 15-33.
- Brenndörfer**, M. K., Dreiner, Kaltschmitt, M. & Sauer, N., 1994, Energetische Nutzung von Biomasse. KTBL Arbeitspapier 199. Erwin Lokay, Reinheim. 138 p.
- Bridgeham**, S.D., Johnston, C.A., Pastor, J., Updegraff, K., 1995, Potential feedback of northern wetlands on climate change. *Bio-Science*, 45: 262-274.
- Bridgham**, S.D., Updegraff, K., Pastor, J., Keller, J., Weishampel, P., Harth, C. and Dewey, B., 2002, Ecosystem respiration response in peatlands to climate change. In: Crowe, A. & Rochefort, L. (Eds.): Millenium wetland event. Programme and abstracts. Quebec, p. 369.
- Brinson**, M.M., 1993, A hydrogeomorphic classification for wetlands. Technical report WRP-DE-4, US Army Corps of Engineers, Washington DC.
- Brontë**, E., 1847. *Wuthering Heights*. 1992 ed., Wordsworth, Ware.
- Brothwell**, D., 1986, The bog man and the archeology of people. British Museum Press, London / Harvard Univerity Press, Cambridge
- Brown**, J.H., Ernest, S.K.M., Parody, J.M. and Haskell, J.P. 2001, Regulation of diversity: maintenance of species richness in changing environments. *Oecologia* 126:321–332
- Deevy**, E.S. 1958. Bogs. *Scientific American* 199: 115-121.
- Brown**, S., 1990, Structure and dynamics of basin forested wetlands in North America. In: Lugo, A.E., Brinson, M., and Brown, S. (Eds): *Forested wetlands Ecosystems of the World* 15. Elsevier, Amsterdam, pp. 171-199.
- Burgeff**, H., 1961, *Mikrobiologie des Hochmoores unter besonderer Berücksichtigung der Ericaceen-Pilz-Symbiose*. Stuttgart, 197 p.
- Burmeister**, E-G., 1990, Die Tierwelt der Moore (speziell der Hochmoore). In: Göttlich, K. (ed.): *Moor- und Torfkunde*, 3th ed. Schweizerbart, Stuttgart, pp. 29-49.
- Burt**, T.P., 1995, The role of wetlands in runoff generation from headwater catchments. In: J.M.R. Hughes & L. Heathwaite (Eds.): *Hydrology and hydrochemistry of British wetlands*. Wiley, Chichester, pp. 21-38.
- Busch**, G., Gerkens, G., Schultze, J., and Winther, A., 1980, Worpswede eine Künstlerkolonie um 1900, Kunsthalle, Bremen.

- Butcher**, D.P., Labadz, J.C., and Pattinson, V.A., 1995, The management of water colour in peatland catchments. In: J.M.R. Hughes & L. Heathwaite (Eds.): Hydrology and hydrochemistry of British wetlands. Wiley, Chichester, pp. 261-272.
- Byström**, O., 1998, The nitrogen abatement cost in wetlands. *Ecological Economics* 26: 321-331.
- Byström**, O., Andersson, H. and Gren, I.M., 2000, Economic criteria for using wetlands as nitrogen sinks under uncertainty. *Ecological Economics* 35: 35-45.
- Cadbury**, A. (chair), 1992, Report of the Committee on the Financial Aspects of Corporate Governance. Gee, London.
- Callicott**, J.B., 1988, Animal liberation and environmental ethics: back together again. *Between the Species* 5: 163-169.
- Cannell**, M.G.R., Dewar, R.C., and Pyatt, D.G., 1993, Conifer plantations on drained peatlands in Britain: a net gain or loss of carbon. *Forestry* 66: 353-369.
- Carroll**, P. J., 1934, *The bog: a novel of the Irish rebellion of nineteen sixteen and after*. Ave Maria Press, Notre Dame.
- Cartmill**, M., 1993, *A view to a death in the morning. Hunting and nature through history*. Harvard University Press, Cambridge (Mass.).
- Casparie**, W.A., 1972, *Bog development in Southeastern Drenthe (The Netherlands)*. Junk, The Hague.
- Cavaliere**, P. & Singer, P. (Eds.), 1993, *The Great Ape Project. Equality beyond humanity*. Fourth Estate, London.
- Changlin**, W., Jianxing, Z. & Yongxing, Y., 1994, Geological genesis, distribution and evaluation of peat in the northeast region. In: Xianguo, L. & Rongfen, W. (ed.): *Wetland environment and peatland utilization*. Jilin People's Publishing House, Changchun, pp. 410-416.
- Charlson**, R. J., Lovelock, J. E., Andreae, M. O & Warren, S. G., 1987. Oceanic phytoplankton, atmospheric sulphur, cloud albedo and climate. *Nature*, 326: 655-661.
- Chartapaul**, L., Chakravarty, P., and Subramaniam, P., 1989, Studies in tetrapartite symbioses I. Role of ecto- and endomycorrhizial Fungi and Frankia on the growth and performance of *Alnus incana*. *Plant and Soil* 118: 43-50.
- Chikov**, P.S., (ed.) 1980, *Atlas arealov i resursov lekarstvennykh rasteniy (Atlas of USSR herbs, habitats and resources)*. Moscow.
- Clark**, C.W., 1973, The economics of over-exploitation. *Science* 181: 630-634.
- Clymo**, R.S., 1984, The limits to peat bog growth. *Phil. Trans. R. Soc. B* 303: 605-654.
- Clymo**, R.S., Reddaway, E.J.F., 1971. Productivity of *Spagnum* (bog-moss) and peat accumulation. *Hidrobiologia* 12: 181-192.
- Clymo**, R.S., Turunen, J. & Tolonen, K., 1998, Carbon accumulation in peatland, *Oikos*: 81, 368-388,.
- Cobb**, J.C., and Cecil, C.B. (Eds.), 1993, *Modern and ancient coal-forming environments*. Geological Society of America Special Paper 286.
- Coles**, B. & Coles, J., 1989, *People of the Wetlands. Bogs, bodies and lake-dwellers*. Thames and Hudson, London.
- Coles**, B., 1990, Wetland archaeology: a wealth of evidence. In: M. Williams (d.): *Wetlands: a threatened landscape*, Blackwell, Oxford, pp. 145-180.
- Conan-Doyle**, A., 1902. *The Hound of the Baskervilles*, ed. 2000, Oxford Univ. Press, U.K.
- Constanza**, R., d'Arge, R., De Groot, R., Farber, S., Grasso, M., Hannon, B., Limburg, K., Naeem, S., O'Neill, R.V., Paruelo, J., Raskin, R.G., Sutton, P. & Van

- den Belt, M., 1997. The value of the world's ecosystem services and natural capital. *Nature* 387: 253-260.
- Constanza, R., Farber, S.C. & Maxwell, J., 1989, Valuation and management of wetland ecosystems. *Ecological Economics* 1: 335-361.**
- Convention on Biological Diversity, 1992, United Nations Environment Programm. Secretariat for the Convention on Biological Diversity Montreal, Canada (www.biodiv.org/chm/conv/cbd\_text\_e.htm).**
- Cook, V. E., 1939, Peat fires. Sands, Sydney.**
- Coolen, A., 1929. Het donkere licht. Nijgh en Van Ditmar, Rotterdam.**
- Coolen, A., 1930. Peelwerkers. Nijgh en Van Ditmar, Rotterdam.**
- Couwenberg, J., 1998, The Multi-Level Approach (self-organisation of higher order biodiversity). <http://www.imcg.net/docum/greifswa/multilev.htm>**
- Couwenberg, J., and Joosten, H., 1999, Pools as missing links: the role of nothing in the being of mires. In: Standen, V., Tallis, J. & Meade, R. (Eds.): Patterned mires and mire pools - Origin and development; flora and fauna. British Ecological Society, Durham, pp. 87-102.**
- Couwenberg, J., de Klerk, P., Endtmann, E., Joosten, H., and Michaelis, D., 2000, Hydrogenetische Moortypen in der Zeit - eine Zusammenschau. In Succow & Joosten (ed.): Landschaftsökologische Moorkunde. Schweizerbart, Stuttgart, pp. 399-403.**
- Crawford, R.M.M., 1983, Root survival in flooded soils. In: Gore, A.J.P. (ed.): Mires: swamp, bog, fen and moor. general studies. General studies. Ecosystems of the World 4A. Elsevier, Amsterdam, pp. 257-283.**
- Crill, P., Hargreaves, K., and Korhola, A., 2000, The Role of Peat in Finnish Greenhouse Gas Balances. Ministry of Trade and Industry Finland. Studies and Reports 10/2000, 71 p.**
- Crocket, S.R., 1895, Bog myrtles and peat, tales chiefly of Galloway, gathered from the years 1889 to 1895. Bliss, Sands and Foster, London.**
- Crompvoets, H.J.G., 1981, Veenderijterminologie in Nederland en Nederlandstalig België. Rodopi, Amsterdam.**
- Crutzen, P., 1979, The role of NO and NO<sub>2</sub> in the chemistry of the troposphere and the stratosphere. *Annual Review of Earth and Planetary Science* 7: 443-472.**
- Cutler, W.B., 1999, Human sex-attractant pheromones: discovery, research, development and application in sex therapy. *Psychiatric annals. The Journal of Continuing Psychiatric Education* 29: 54-59.**
- Daly, H.E., 1990, Sustainable growth: an impossibility theorem. *Development* 3/4: 45-47.**
- Damman, A.W.H., 1995, Boreal peatlands in Norway and eastern North America: a comparison, In Moen A. (ed.) Regional variation and conservation of mire ecosystems, *Gunneria* 70, Trondheim, Norway.**
- Daniel, J.S., Solomon, S., and Albritton, D.L., 1995. On the evaluation of halocarbon radiative forcing and Global Warming Potentials. *J. Geophys. Res.* 100: 1271-1285.**
- Danielson, P., 1993, Personal responsibility. In: Coward H., and Hurka T., (Eds.): The greenhouse effect. Ethics & climate change. Wilfrid Laurier University Press, Waterloo, pp. 81-98.**
- Darwin, C., 1998, The expression of the emotions in man and animals. 3th ed. with an introduction, afterword and commentaries by Paul Ekman. HarperCollins, London.**
- Dau, J.H.C., 1823, Neues Handbuch über den Torf, dessen Natur, Entstehung und Wiederezeugung. Nutzen im Allgemeinen und für den Staat. Hinriches, J.C., Buchhaundlung, Leipzig, 244 p.**

- Dau, J.H.C.**, 1829. Die Torfmoore Seelands. Gyldendahl und Hinrichs, Kopenhagen und Leipzig.
- Davis, R.B.**, Anderson, D.S., Reeve, A.S., and Small, A.M., 2000, Biology-chemistry-hydrology relationships in two Maine peatlands. In: Crowe, A., and Rochefort, L. (Eds.): Québec 2000 Millenium Wetland Event, p. 150.
- De Chamisso, A.**, 1824, Untersuchung eines Torfmoores bei Greifswald und ein Blick auf die Insel Rügen. Archiv für Bergbau und Hüttenwesen, 8 (1):129-139.
- De Groot, R.S.**, 1992, Functions of Nature – Evaluation of nature in environmental planning, management and decision making. Wolters-Noordhoff 315 p.
- De Werd, J.**, 1984, Toon Kortooms haalde goud uit de Peel. Studio 13: 12.
- Demchuck, T.D.**, Shearer, J., and Moore, T. (Eds.), 1995, Delineation of the distinctive nature of tertiary coal beds. Annual meeting of the Geological Society of America Seattle/USA/24-27/10/94. Special Issue: Tertiary-Age - GSA Symposium. Int. J. Coal Geology Vol. 28 (2-4): p. 71-98.
- DeMello, W. Z.**, and Hines, M. E., 1994. Application of static and dynamic enclosures for determining dimethyl sulfide and carbonyl sulfide exchange in Sphagnum peatlands: Implications for the magnitude and direction of flux. J. Geophys. Res. 99: 601-607.
- Denny, M.W.**, 1993, Air and water. The biology and physics of life's media. Princeton University Press, Princeton.
- Denny, P.**, 1993. Wetlands of Africa: Introduction. In: Whigham, D., Dykyjová, D. & Heyný, S. (eds.): Wetlands of the world: Inventory, ecology and management. I. Kluwer, Dordrecht, pp. 1-31.
- Dent, F.J.**, 1986, Southeast Asian coastal peats and their use – an overview. In: Eswaran, H., Panichapong, S., Bachik, A.B., and Chitchumnong, T. Classification, Characterisation and Utilisation of Peat Land, Proc. 2<sup>nd</sup> Intl Soil Management Workshop, Thailand/Malaysia.
- Devito, K. J.**, Dillon, P.J., and Lazerte, B.D., 1989, Phosphorus and nitrogen retention in five Precambrian shield wetlands. Biogeochemistry 8: 185-204.
- Diamond, J.**, 1991, The rise and fall of the third chimpanzee. Vintage edition 1992, Random House, London.
- Diers, M.**, n.y. Der jüngste Tag im Willeböcker Moor. Max Seyfert, Dresden.
- Dradjad, M.**, Soekodarmodjo, S., Hidayat, M.S. & Nitisapto, M., 1986, Subsidence of peat soils in the tidal swamp lands of Barambai, South Kalimantan. Proceedings of the Symposium on Lowland Development in Indonesia. Research papers. ILRI Wageningen, pp. 288-300.
- Driessen, P.M.** and Rochimah, L., 1976. The physical properties of lowland peats from Kalimantan. Soil Research Institute, Bogor, Indonesia, Bulletin 3.
- Driessen, P.M.**, and R. Dudal (Eds), 1991, Lecture notes on the geography, formation, properties and use of the major soils of the world. Agric. Univ. Wageningen. 310p.
- During, R.**, and Joosten, J.H.J., 1992, Referentiebeelden en duurzaamheid. Tijd voor beleid. Landschap 9: 285-295.
- Dwivedi, O.P.**, 1990, Satyagraha for conservation: Awakening the spirit of Hinduism. In Engel, J.R. & Engel, J.G. eds.): Ethics of environment and development. Global challenge and international response. Belhaven press, London, pp. 201-212.
- Dwyer, R.**, and Mitchell F.J.G., 1997, Investigation of the Environmental Impact of remote volcanic Activity on North Mayo Ireland during the mid Holocene, Holocene, Vol 7, No 1, pp 113-118.

- Edom, F.**, 2001a, Hydrologische Eigenheiten. In: M. Succow & H. Joosten (Eds.): Landschaftsökologische Moorkunde, 2nd edition, Schweizerbart, Stuttgart, pp. 16-18.
- Edom, F.**, 2001b, Moorlandschaften aus hydrologischer Sicht (chorische Betrachtung). In: M. Succow & H. Joosten (Eds.): Landschaftsökologische Moorkunde, 2nd edition, Schweizerbart, Stuttgart, pp. 185-228.
- Eggelsmann, R.**, 1976, Peat consumption under influence of climate, soil condition, and utilisation. Proc. 5th Intern. Peat Congress, Poznan/Poland I: 233-247.
- Eggelsmann, R.**, 1990, Wasserregelung im Moor. In: K.H. Göttlich (ed.): Moor- und Torfkunde. 3th ed. Schweizerbart, Stuttgart, pp. 321-348.
- Ehrhart, O.**, 1954. Das sterbende Moor. Maximilian Dietrich, Memmingen.
- Ehrlich, P.R.**, and Ehrlich, A., 1981, Extinction: the causes and consequences of the disappearance of species. Random House, New York.
- Elina, G.A.**, Kuznecov, O.L. and Maksimov, A.I., 1984, Strukturnofunktsional'naja organizatsija i dinamika bolotnyh ekosistem Karelii. Nauka, Leningrad, 128 pp.
- Elina, G.A.**, 1993, Apteka na bolote. Nauka, Sankt-Peterburg, 496 p.
- Ellery, W.N.**, Ellery, K., McCarthy, T.S., Cairncross, B., and Oelofse, R., 1989, A peat fire in the Okavango Delta, Botswana, and its importance as an ecosystem process. African Journal of Ecology 27: 7-21.
- Elling, A.E.**, and Knighton, M.D., 1984, Sphagnum Moss recovery after harvest in a Minnesota bog, J. Soil and water conservation, Vol 39, No. 3 May - June p. 209-211.
- Etzioni, A.**, 1998, A communitarian perspective on sustainable communities. In: D. Warburton (ed.): Community and sustainable development. Participation in the future. Earthscan, London, pp. 40-51.
- Euroala, S.**, and Huttunen, A. (Eds.), 1985, Proceedings of the field symposium on classification of mire vegetation, Hailuoto – Kuusamo, Sept. 5-13, 1983. Aquilo Ser. Botanica 21: 1-120.
- EUROPARC and IUCN**, 1999, Guidelines for protected area management categories - Interpretation and application of the protected area management categories in Europe. EUROPARC and WCPA, Grafenau.
- Fairbanks, A.** (ed.), 1898, Xenophanes. Fragments and Commentary. In: The First Philosophers of Greece. K. Paul, Trench, Trubner, London, pp. 65-85.
- Fankhauser, S.**, and Tol, R., 1996, Climate Change Costs: Recent advancements in the economic assessment of climate change costs. Energy Policy, V24, No. 7, p. 665.
- Fansa, M.** (ed.), 1993, Moorarchäologie in Nordwest-Europa. Isensee, Oldenburg.
- FAO-UNESCO**, 1988, Soil map of the World – revised legend. World Soil Resources Report 60, Rome.
- Farber S.**, 1996, The economic welfare loss of projected Louisiana wetlands disintegration. Contemporary Economic Policy 14: No. 1 p. 92 - 106.
- Feehan, J.** and O'Donovan J., 1996, The Bogs of Ireland, University College Dublin Environmental Institute, Dublin, Ireland.
- Fenton, A.**, 1987, Country Life in Scotland – our rural past, John Donald, Edinburgh.
- Finlayson, C.M.**, and Van der Valk, A.G. (Eds.), 1995, Classification and inventory of the world's wetlands. Vegetatio 118: 1-192.
- Finnish Forest Research Institute**, 2001, Finnish Statistical Yearbook of Forestry. [Publisher, place?](#)
- Flessa, H.**, Klemisch, M., 1997, Nitrous oxide emission from differently cultivated organic soils of the Donaumoos in southern Germany. (Abstract). 7th International Workshop on Nitrous Oxide Emissions. 21.-23. April, Köln.
- Forestry Stewardship Council**, 2000, FSC Principles and Criteria, and related documents, [www.fscoax.org](http://www.fscoax.org).

- Forster**, A., 1898. Uber Torfwolle. Zeitschrift fur die Gesamte Textilindustrie Heft 9:131-134.
- Foss**, P. 1998, National overview of the peatland resource of Ireland. In: O'Leary, G., and Gormley, F. (Eds.) Towards a conservation strategy for the bogs of Ireland pp. 3-20. Irish Peatland Conservation Council, Dublin.
- Francez**, A., Vasander, H., 1995, Peat accumulation and peat decomposition after human disturbance in French and Finnish mires. *Acta Oecologica*, 16, 599-608.
- Frank**, R.H., 1985, Choosing the right pond - Human behavior and the quest for status. Oxford Univ. Press, New York/Oxford.
- Frank**, R.H., 1999, *Luxury fever - Why money fails to satisfy in an era of excess*. Free Press, New York.
- Franklin**, J.F., 1989, Importance and justification of long-term studies in ecology. In: Likens, G.E. (ed.): *Long-Term Studies in Ecology. Approaches and Alternatives* Springer, New York, pp. 3-19.
- Franzén**, L. G., 1997, Reply to Rodhe's and Malmer's (RM). Comments of Franzén et al. "Principles for a climate regulation mechanism during the late Phanerozoic Era, based on carbon fixation in peat-forming wetlands ". *Ambio* 26: 188-189.
- Franzén**, L.G., 1994, Are wetlands the key to the ice-age cycle enigma? *Ambio* 23, 300-308.
- Franzén**, L.G., Deliang, C., and Klinger, L.F., 1996, Principles for a climate regulation mechanism during the Late Phanerozoic Era, based on carbon fixation in peat-forming wetlands. *Ambio* 25: 435-442.
- Freeman**, C., Ostle, N., and Kang, H., 2001, An enzymic 'latch' on a global carbon store
- Frenzel**, B., 1983, Mires - repositories of climatic information or self-perpetuating ecosystems. Gore, A.P.J. (ed.): *Mires: Swamp, Bog, Fen and Moor. Ecosystems of the World 4A General Studies*. Elsevier, Amsterdam, pp. 35-65.
- Fricke**, D, *The Business Case: Preparing a Cost Benefit Analysis*, Business Synetics
- Frost**, C.C., 1995, Presettlement fire regimes in southeastern marshes, peatlands and swamps. In: Cerulean, S.I., and Engstrom, R.T. (Eds.): *Fire in wetlands: a management perspective*. Tall Timbers Research Station, Tallahassee, pp. 39-60.
- Früh**, J. and Schröter, C., 1904, Die Moore der Schweiz. *Beitr. Geol. Schweiz. Geotechn. Ber.* 3.
- Fuchsman**, C.H., 1980, *Peat. Industrial chemistry and technology*. Academic Press, New York, 279 p.
- Fuel Research Board**, 1921. The winning, preparation and use of PEAT in Ireland – Reports and other documents, Department of Scientific and Industrial Research. HMSO.
- Fuke**, Y., 1994, The medicinal herbs and their characteristics in the Sanjiang plain swamp region, China. In: Xianguo, L. & Rongfen, W. (ed.): *Wetland environment and peatland utilization*. Jilin People's Publishing House, Changchun, pp. 511-516.
- Gailey**, A., and Fenton, A. (Eds.), 1970. *The spade in Northern and Atlantic Europe*. Ulster Folk Museum, Holywood/Institute of Irish Studies, Belfast.
- Galambosi**, B, Takkunen, N., and Repcak, M., 2000, The effect of regular collection of *Drosera rotundifolia* in natural peatlands in Finland: plant density, yield and regeneration. *Suo* 51: 37-46.
- Galambosi**, B., Takkunen, N., and Repcak, M., 1998, Can we replace collection of *Drosera* by cultivation ? In: *Medicinal plant trade in Europe: Conservation and supply: Proceedings of the first international symposium on the conservation of*

medicinal plants in trade in Europe., 22-23 June 1998, Royal Botanic Gardens, Kew, UK, pp. 131-139.

**Gams, H.** and Ruoff, S., 1929, Geschichte, Aufbau und Pflanzendecke des Zehlaubruches, *Schr. Phys.-Ökon. Gesellschaft Königsberg* 66, 1, 1-192.

**Garve, A.**, 1966. *Murderer's fen*. German edition: Wilhem Goldmann, München.

**Gelbrecht, J.**, Koppisch, D., and H. Lengsfeld, 2000, Nordostdeutsche Niedermoore als Akkumulationsräume. In: M. Succow & H. Joosten (Eds.): *Landschaftsökologische Moorkunde*. 2<sup>nd</sup> ed. Schweizerbart, Stuttgart, pp. 38-40.

**Georgiou, S.**, Whittington, D., Pearce, D. & Moran, D., 1997. *Economic values and the environment in the developing world*. Edward Elgar, Cheltenham.

**Gerding, M.A.W.**, 1995, Vier eeuwen turfwinning. De verveningen in Groningen, Friesland, Drenthe en Overijssel tussen 1550 en 1950. *Hes*, 't Goy-Houten.

**Gerding, M.A.W.**, 1998, From peat moss to active carbon. The development of the peat manufacturing industry in the Netherlands. In: Sopo, R., (ed.) *The Spirit Of Peatlands*, Procs Inter.Peat Symp. Jyväskylä, Finland, pp 57-58.

**Givnish, T.J.**, 1988, Ecology and evolution of carnivorous plants. In: Abrahamson, W.B. (ed.): *Plant-animal interactions*. MacGraw-Hill, New York, pp. 243-290.

**Glaser, P. H.**, 1999, The distribution and origin of mire pools. In: Standen, V., Tallis, J., and Meade, R. (Eds.): *Patterned mires and mire pools - Origin and development; flora and fauna*. British Ecological Society, Durham, pp. 4-25.

**Glaser, P.H.**, Siegel, D.I., Romanowicz, E.A., and Shen, Y.P., 1997, Regional linkages between raised bogs and the climate, groundwater and landscape in north-western Minnesota. *Journal of Ecology* 85: 3-16.

**Glenn, S.**, Heyes, A., Moore, T., 1993, Carbon dioxide and methane fluxes from drained peat soils, Southern Quebec. *Global Biogeochem. Cycles*, Vol. 7 (2), 247-257.

**Glob, P.V.**, 1965. *Mosefolket - Jernalderens Mennesker bevaret i 2000 Ar*. Gyldendal, København.

**Global Climate Change Task Force Of The Council On Engineering and Council On Public Affairs**, 1998. *Technology implications for the U.S. of the Kyoto Protocol carbon emission goals*. American Society Of Mechanical Engineers.

<http://www.asme.org/gric/98-25.html>

**Glooschenko, W.A.**, Tarnocai, C., Zoltai, S., and Glooschenko, V., 1993, Wetlands of Canada and Greenland. In: Wigham, D.F., Dykyjová, D., and Hejný, S. (Eds.): *Wetlands of the world I: Inventory, ecology and management*. Kluwer, Dordrecht, 415-514.

**Godwin, H.**, 1981, *The Archives of the Peat Bogs*. Cambridge University Press, Cambridge.

**Goetz, R.U.**, 1997, Die optimale landwirtschaftliche Nutzung von Niedermooren im Berner Seeland aus privatwirtschaftlicher Sicht. *Zeitschrift für Kulturtechnik und Landentwicklung* 38: 87-92.

**Goldammer, J. G.**, 1999a, Forests on fire. *Science* 284: 1782-1783.

**Gonzalez, J.M.P.**, Manero, F.J.G., Probanza, A., et al., 1995, Effect of Alder (*Alnus glutinosa* L. Gaertn.) roots on distribution of proteolytic, ammonifying, and nitrifying bacteria in soil. *Geomicrobiology* 13: 129-138.

**Goode, D.A.**, Masan, A.A. & Michaud, J.-R. 1977, Water resources. In: Radforth, N.W. & Brawner, C.O. (ed.): *Muskeg and the northern environment in Canada*. University of Toronto Press, Toronto, pp. 299-331.

**Goodroad, L.L.**, Keeney, D.R., 1984, Nitrous oxide emission from forest, marsh and prairie ecosystems. *J. Environ. Qual.*, 13, 448-452.

- Gore**, A.J.P. (ed.), 1983b, Mires: swamp, bog, fen and moor. Regional studies. Ecosystems of the World 4B. Elsevier, Amsterdam.
- Gore**, A.J.P., 1983a, Introduction. In: Gore, A.J.P. (ed.): Mires: swamp, bog, fen and moor. general studies. General studies. Ecosystems of the World 4A. Elsevier, Amsterdam, pp. 1-34.
- Gorham** E., 1995, The biogeochemistry of northern peatlands and its possible responses to global warming. In: Woodwell, G. M., and Mackenzie, F. T., (Eds) Biotic Feedbacks in the Global Climatic System, Oxford Univ. Press, pp. 169-187.
- Gorham**, E., 1991, Northern Peatlands: Role in the carbon cycle and probable responses to climatic warming, *Ecol. Appl.*, 1, 182-195.
- Gorham**, E., and Janssens J.A., 1992, The paleorecord of geochemistry and hydrology in northern peatlands and its relation to global change. *Suo (Mires and Peat)* 43, 117-126.
- Gorissen**, I., 1998, Die großen Hochmoore und Heidelandschaften in Mitteleuropa. Natur - Landschaft - Naturschutz. Selbstverlag Ingmar Gorissen, Siegburg.
- Gorke**, M., 1999, Artensterben. Von der ökologischen Theorie zum Eigenwert der Natur. Klett-Cotta, Stuttgart, 376 p.
- Gorke**, M., 2000, Die ethische Dimension des Artensterbens. In: K. Ott & M. Gorke (Eds.): Spektrum der Umweltethik. Metropolis, Marburg, pp. 81-99.
- Gren**, I.-M., 1995, The value of investing in wetlands for nitrogen abatement. *European Review of Agricultural Economics* 22: 157-171.
- Gren**, I.-M., Groth, K.-H. & Sylvén, M., 1995, Economic values of Danube floodplains. *Journal of Environmental Management* 45: 333-345.
- Gronemann**, S., and Hampicke, U., 1997, Die Monetarisierung der Natur - Möglichkeiten, Grenzen und Methoden.
- Grosse**, W., Frye, J., and Lattermann, S., 1992, Root aeration in wetland trees by pressurized gas transport. *Tree Physiology* 10: 285-295.
- Grosse-Brauckmann**, G., 1990, Ablagerungen der Moore. In: Göttlich, K. (ed.): Moor- und Torfkunde, 3th ed. Schweizerbart, Stuttgart, pp. 175-236.
- Grundling**, P.-L., Mazus, H., and Baartman, L., 1998, Peat resources in northern Kwazulu-Natal wetlands: Maputland. Department of Environmental Affairs and Tourism, Pretoria.
- Gunnarsson**, U., Rydin, H., and Sjors, H., 2000, Diversity and pH changes in the boreal mire Skattlosbergs Stormosse, Central Sweden. *J. Veg. Science* 11: 277-287.
- Gupta**, P., 1999. Valuation and evaluation: Measuring the quality of life and evaluating policy. University of Cambridge and Bijer International Institute of Ecological Economics, Stockholm.
- Hakala** , K. (ed.)1999, Suo on kaunis (Mire is beautiful). Proceedings of the 3rd International Conference on Environmental Aesthetics in Iiomantsi Finland, 3-6 June 1998. Maahenki Oy, Helsinki.
- Hakala**, K. (ed.), 1999, Suo on kaunis. Maahenki Oy, Helsinki.
- Hall**, R.B., MacNabb, H.S., Maynard, C.A., and Green, T.L., 1979, Toward development of optimal *Alnus glutinosa* symbioses. *Botanical Gazette* 140: 120-126.
- Hall**, V., and Pilcher, J., 1993, Volcanic Ash in Irish Bogs, Technology Ireland, February 1993, pp. 22-24.
- Hämet-Ahti**, L., Suominen, J. Ulvinen, T., and Uotila, P. (Eds.) 1998, Retkeilykasvio (Field Flora of Finland). Finnish Museums of Natural History, Botanical Museum, Finland ed.4. 656 p.
- Hamm**, J.G.M. 1955, De Peel als militaire vennoot. In: Kemp, M. (ed.): Het land van de Peel. Veldeke, Maastricht, pp. 65-75.

- Hampicke**, U. & Schäfer, A., 1997, Forstliche, finanzmathematische und ökologische Bewertung des Auenwaldes Isarmündung. IÖW-Schriftenreihe 117. IÖW, Berlin.
- Hampicke**, U., 2000, Möglichkeiten und Grenzen der Bewertung und Honorierung ökologischer Leistungen in der Landschaft. Schriftenreihe des Deutschen Rates für Landespflege 71: 43-49.
- Hampicke**, U., 2000, The capacity to solve problems as a rationale for intertemporal discounting. Manuscript.
- Hampicke**, U., 2000b, Ökonomie und Naturschutz. In: Konold, W., Böcker, R. & Hampicke, U. (eds.): Handbuch naturschutz und Landschaftspflege. 11-8. ecomed, Landsberg.
- Han**, W.D., Gao, X.M., Lu, C., and Lin, P., 2000,. Ecological values of mangrove ecosystems in China. In: Crowe, A.& Rochefort, L. (Eds.): Québec 2000 Millenium Wetland Event, p. 161.
- Hanley**, N., Kirkpatrick, H., Simpson, I. & Oglethorpe, D., 1998, Principles for the provision of public goods from agriculture: modelling moorland conservation in Scotland. *Land Economics* 74: 102-113.
- Hardin**, G., 1968. The tragedy of the commons. *Science* 162: 1243 - 1248.
- Hargrove**, E.G., 1987, The foundations of wildlife protection attitudes. *Inquiry* 30: 3-31.
- Harmsen**, G., 1968. Inleiding tot de geschiedenis. Ambo, Baarn.
- Harris**, J., 1975. The survival lottery. *Philosophy* 50: 81-87.
- Harriss**, R.C., Gorham, D.I., Sebacher, K.B., Bartlett, K.B., Flebbe, P.A., 1985, Methane flux from northern peatlands. *Nature*, 315, 652-654.
- Hartig**, T., Mang, M. & Evans, G.W. 1991, Restorative effects of natural environment experience. *Environment and Behavior* 23: 3-26.
- Hawke**, C.J., and José, D.V., 1996, Reedbed management for commercial and wildlife interests. Royal Society for the Protection of Birds, London.
- Haycock**, N.E., Pinay, G., and Walker, C., 1993, Nitrogen retention in river corridors: European perspective. *Ambio* 22: 340-346.
- Haycock**, N.E., Pinay, G., and Walker, C., 1993: Nitrogen Retention in River Corridors: European Perspective. *Ambio* 22 (6): 340-346.
- Heathwaite**, A.L., 1993, Mires – Process, Exploitation and conservation, John Wiley & Sons, Chichester (from the original text Gottlich, K., Moor- und Torfkunde).
- Heerwagen**, J.H., and Orians, G.H., 1993, Humans, habitats, and aesthetics. In: Kellert, S.R., and Wilson, E.O. (Eds.): *The Biophilia Hypothesis*. Island Press, Washington, pp. 138-172.
- Heikkinen**, K., 1994, Organic matter, iron and nutrient transport and nature of dissolved organic matter in the drainage basin of a boreal humic river in northern Finland. *The Science of the Total Environment* 152: 81-89.
- Heikurainen**, L., 1980, Input and output in Finnish forest drainage activity. Proc. 6th Int. Peat Congr., p. 398-402. Duluth, USA.
- Heinicke**, T., 2000, Mires and mire conservation in Kirgysztan. In: Crowe, A., and Rochefort, L., Québec 2000, Millennium Wetland Event.
- Herfindahl**, O.C., 1961, What is conservation? Republished in: RESECON Classics of Resource Economics Series (No. 1): <http://www.ems.psu.edu/eceem/resecon/classics/class001.html>
- Hillebrand**, K., 1993, The greenhouse effects of peat production and use compared with coal, oil, natural gas and wood. VTT Tiedotteita - Meddelanden - Research Notes 1494, Technical Research Centre of Finland, Espoo.
- Hodge**, I. & McNally, S., 2000, Wetland restoration, collective action and the role of water management institutions. *Ecological Economics* 35: 107-118.

- Hofstetter**, R., 2000a. - Mire terminology - a review of requirements for accurate communication in mire science (draft).  
[http://www.imcg.net/docum/lagow/r\\_hofst\\_1.htm](http://www.imcg.net/docum/lagow/r_hofst_1.htm)
- Hofstetter**, R., 2000b. Universal Mire Lexicon. Revised incomplete draft.  
[http://www.imcg.net/docum/lagow/r\\_hofst\\_2.htm](http://www.imcg.net/docum/lagow/r_hofst_2.htm)
- IPCC**, 1995. Climate Change 1994. Radiative Forcing of Climate Change. Working Group I. Summary for Policymakers. Intergovernmental Panel on Climate Change, Cambridge University Press, UNEP.
- Homan**, T. (ed.), 1991, A yearning toward wildness. Environmental quotations from the writings of Henry David Thoreau. Peachtree Publishers, Atlanta.
- Hook**, D.D., and Crawford, R.M.M. (Eds.), 1978. Plant life in anaerobic environments. Ann Arbor Science, Ann Arbor.
- Höper**, H., 2000, Nitrogen and Carbon Mineralisation Rates in German Agriculturally used Fenlands. In: Broll. G., Merbach. W. and Pfeifer, E.M. (Eds.): Soil ecological processes in wetlands of Germany, Springer, Berlin, (accepted).
- Houghton**, J.T., Jenkins, G.J. and Ephraums, J.J. (Eds.), 1990, Climate Change. The IPCC Scientific Assessment. Cambridge University Press, Cambridge.
- Howard-Williams**, C., 1985, Cycling and retention of nitrogen and phosphorus in wetlands: a theoretical and applied perspective. *Freshwater Biology* 15: 391-431.
- Hubbert**, M.K., 1976, Exponential growth as a transient phenomenon in human history. In: Strom, M.A. (ed.): Societal issues, scientific viewpoints. American Institute of Physics, New York, pp. 75-84.
- Huizinga**, J., 1938. Homo ludens. Proeve ener bepaling van het spelelement der cultuur. 8th printing/1985, Wolters-Noordhof, Groningen.
- Hurka**, T., 1993, Ethical principles. In: Coward, H., and Hurka, T. (Eds.): The greenhouse effect. Ethics & climate change. Wilfrid Laurier University Press, Waterloo, pp. 23-38.
- Hutchinson**, J.N., 1980, The record of peat wastage in the East Anglian fenland of Holme Post, 1848 - 1978 A.D. *Journal of Ecology* 68: 229-249.
- Ibrahim**, S., and Hall, J.B., 1991, A phytosociological survey of peat swamp forest at Pekan, Pahang, Peninsular Malaysia. In: Aminuddin, B.Y., (ed.) *Tropical Peat, Proceedings of the International Symposium on Tropical Peatland*, Sarawak, Malaysia.
- Ingram**, H.A.P., 1978. Soil layers in mires: function and terminology. *Journal of Soil Science* 29, 224-227.
- Ingram**, H.A.P., and Bragg, O.M., 1984, The diplotelmic mire: Some hydrological consequences. *Proc. 7<sup>th</sup> Int. Peat Congr. Dublin* 1: 220-234. Intern. Peat Society Helsinki.
- International Energy Agency**, 2000, *Hydropower and the Environment: present Context and Guidelines for Future Action*, Volume 1 Summary and Recommendations, International Energy Agency, Paris.
- IPCC** (Intergovernmental Panel on Climate Change), 1996, *Climate Change 1995: The Science of Climate Change*. Contribution of Working Group I to the Second Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press, Cambridge.
- IPCC**, 1996b, *Climate Change 1995: Economic and social dimensions of climate change*. Contribution of Working Group III to the Second Assessment Report of the Intergovernmental Panel on Climate Change, Cambridge University Press, Cambridge.
- IPS**, 1995, *Bulletin of the International Peat Society* 26: 49.

- IUCN**, 1994, Guidelines for protected area management categories. CNPPA with the assistance of WCMC. Gland, Switzerland.
- IUCN**, 1999, Workshop on the Global Carbon Issue: Peatlands, Wise Use and Management; In: Report of the Thirteenth Global Biodiversity Forum 7-9 May 1999, San Jose, Costa Rica, Gland, Switzerland and Cambridge, UK.
- Ivanov**, K.E., 1981, Water movement in mirelands. Translated by Thomson, A. and Ingram, H.A.P. from Ivanov, K.E. 1975. *Vodoobmen v bolotnykh landshafter*. Academic Press, London.
- Iwakuma**, T., 1995, Status of Mires in Japan. In: Moen A. (ed.) *Gunneria 70 – Regional variation and Conservation of Mire Ecosystems*, International Mire Conservation Group, Trondheim.
- Iwakuma**, T., 1996, Environment of Kushiro Mire. In: T. Iwakuma (ed.): *Mires of Japan. Ecosystems and monitoring of Miyatoko, Akaiyachi and Kushiro Mires*. National Institute for Environmental Studies, Tsukuba.
- Janiesch**, P., Mellin, C., and Müller, E., 1991, Die Stickstoff-Netto-Mineralisierung in naturnahen und degradierten Erlenbruchwäldern als Kenngröße zur Beurteilung des ökologischen Zustandes. Poster zu Verhandlungen der Gesellschaft für Ökologie Freising 1990, 353-359.
- Janssen**, M., 1999, Moor – Bilder einer Ausstellung. In: Fansa, M. (ed.): *Weder See noch Land – Moor – eine verlorene Landschaft*. Isensee, Oldenburg, pp. 132-145.
- Jeffreys**, K., 1995, & quotGuide to Regulatory Reform: The Cost-Benefit Rule, “Brief Analysis No 150, National Centre for Policy Analysis, Dallas, Texas.
- Jeglum**, J. K. and Kennington, D. J., 1993, Strip clearcutting in black spruce: a guide for the practicing forester. For. Can., Ontario Region, Great Lakes Forestry Centre, 102 p.
- Jeschke**, L., Knapp, H. D., and Succow, M., 2001, Moorregionen Europas. In: Succow, M., and Joosten, H. (Eds.): *Landschaftsökologische Moorkunde*. Schweizerbart, Stuttgart, pp. 256-264.
- Johnson**, K.W., Maly, C.C. and Malterer, T.J., 2000, Restoration of post-harvested Minnesota, U.S.A. In: Rochefort, L., and Daigle J-Y, *Proceedings of the 11<sup>th</sup> International Peat Congress*, Québec, Canada.
- Johnson**, L.C. & Damman, A.W.H., 1991, Species-controlled Sphagnum decay on a South Swedish raised bog. *Oikos* 61: 234-242.
- Johnston**, C. A, Detenbeck, N.E., and Niemi, G.J., 1990, The cumulative effect of wetlands on stream water quality and quantity. A landscape approach. *Biogeochemistry* 10: 105-141.
- Joosten**, H. and Couwenberg, J., 2000, The IMCG European Mires Book: a progress report. *IMCG Newsletter* 2000/4: 18.
- Joosten**, H., 1986, Moore und historische Archive: Ein Vergleich von Daten aus natürlichen und kulturellen Gedächtnissen. *Telma* 16: 159-168.
- Joosten**, H., 1987, Lange armen, grote neusgaten: De Ospelse Peel als cultuurreservaat. In: A. Bruekers (red.): *Nederweerts verleden. De kerk in het midden*. Stichting Geschiedschrijving Nederweert, Nederweert, 131-141.
- Joosten**, H., 1993, Denken wie ein Hochmoor: Hydrologische Selbstregulation von Hochmooren und deren Bedeutung für Wiedervernässung und Restauration. *Telma* 23: 95-115.
- Joosten**, H., 1994, Turning the tides: experiences and perspectives of mire conservation in the Netherlands, In: Grünig A. (ed.) *Mires and Man. Mire conservation in a densely populated country – the Swiss experience*, pp300 –310, Swiss Federal Inst. Forest, Snow and Landscape Research, Birmensdorf.

- Joosten**, H., 1995, The golden flow: the changing world of international peat trade, In Moen A. (ed.) Regional variation and conservation of mire ecosystems, *Gunneria* 70, Trondheim, Norway, 269-292.
- Joosten**, H., 1995a, Time to regenerate: long-term perspectives of raised bog regeneration with special emphasis on palaeoecological studies, In: Wheeler, B., Shaw, S., Robertson, A., & Fojt, W., (Eds.), Restoration of temperate wetlands, Wiley, Chichester, 379-404.
- Joosten**, H., 1996, A world of mires: criteria for identifying mires of global conservation significance. In: Lüttig, G.W. (ed.): Peatlands use - present, past and future, Schweizerbart, Stuttgart, pp. 18-25.
- Joosten**, H., 1998, Mire classification for conservation: the dialectics of difference. IMCG meeting and workshop on Mire Terminology and classification issues - Greifswald, Germany.
- Joosten**, H., 1999a, Peat the final frontier: Mires and peatlands outside the tropics. In: Maltby, E., and Maclean, L. (comp.): Peatlands under pressure. Arctic to tropical peatlands. Royal Holloway Institute for Environmental Research, Royal Holloway, pp. 9-17.
- Joosten**, H., 1999b, Identifying peatlands of international biodiversity importance. <http://www.imcg.net/docum/criteria.htm>
- Joosten**, H., 2000, The role of peat in Finnish greenhouse gas balances. IMCG Newsletter 2000/3: 2-4.
- Joosten**, H., 2001 (in prep.). Human impacts – farming, fire, forestry, and fuel. In: E. Maltby (ed.): The Wetland Handbook. Blackwell, Cambridge.
- Joosten**, H., and Couwenberg, J., 1998, Peat (with some remarks on mires and peatlands). <http://www.imcg.net/docum/greifswa/greifswa05.htm>
- Joosten**, H., and Succow, M., 2001, Hydrogenetische Moortypen. In: M. Succow & H. Joosten (Eds.): Landschaftsökologische Moorkunde 2<sup>nd</sup> ed. Schweizerbart, Stuttgart, pp. 234-240.
- Joosten**, J.H.J. & T.W.M. Bakker, 1987, De Groote Peel in verleden, heden en toekomst. Staatsbosbeheer, Utrecht 88-4, 291 p. + app..
- Joosten**, J.H.J., 1997, Mores and mires: ethical considerations on bog conservation. In: L. Parkyn, R.E. Stoneman & H.A.P. Ingram (Eds.): Conserving Peatlands. CAB International, Wallingford, pp. 411-423.
- Juhl**, H., 1981, Im Moor mit Zeichenstift und Feder. Landbuch-Verlag, Hannover.
- Kaffke**, A., J. Couwenberg, H. Joosten, I. Matchutadze & J. Schulz, 2000, Ispani II: the world's first percolation bog. In: Québec 2000 Millenium Wetland Event, Program with Abstracts, p. 487.
- Kaltschmitt**, M., and Reinhardt, G. A. (Eds.), 1997, Nachwachsende Energieträger, Grundlagen, Verfahren. Vieweg, Braunschweig, 527 p.
- Kamp**, T., Wild, U., and Much, J.C., 2000, Trace gas fluxes and global warming from a restored peatland. In: Crowe, A., and Rochefort, L. (Eds.): Millenium wetland event. Programme and abstracts. Quebec, p. 294.
- Kangas**, P.C., 1990, Long-term development of forested wetlands. In: Lugo, A.E., Brinson, M., and Brown, S. (Eds): Forested wetlands Ecosystems of the World 15. Elsevier, Amsterdam, pp.. 25-51.
- Kant**, I., 1785. Grundlegung zur Metaphysik der Sitten (ed. by B. Kraft & D. Schönecker 1999). Felix Meiner, Hamburg, [XXXIX](#) + 126 p.
- Karofeld**, E., 1999, Effects of bombing and regeneration of plant cover in Kõnnu-Suursoo raised bog, North Estonia. Wetland Ecology and Management 6: 253-259.

- Kasimir-Klemedtsson**, A., Klemedtsson, L., Berglund, K., Martikainen, P., Silvola, J. and Oenema, O., 1997, Greenhouse gas emissions from farmed organic soils: a review. *Soil Use and Management* 13: 245-250.
- Kaunisto**, S., 1997, Peatland forestry in Finland: Problems and possibilities from the nutritional point of view. In: Trettin, C.C. et al. (Eds.) *Northern Forested Wetlands. Ecology and Management*, Lewis Publishers, p. 387-401.
- Kauppi**, P.E., Posch, M., Hänninen, P., Henttonen, H.M., Ihalainen, A., Lappalainen, E., Starr, M. and Tamminen, P., 1997, Carbon reservoirs in peatlands and forests in the boreal regions of Finland, *Silva Fenn.*, 31(1), 13-25.
- Kazakov**, G., 1953, The 1952 plan for the draining of the Pripet marshes. Research Program on the USSR, New York.
- Kazda**, M., 1995, Changes in Alder fens following a decrease in the ground water table: Results of a Geographical Information System application. *Journal of Applied Ecology* 32: 100-110.
- Keddy**, P.A., 2000, *Wetland ecology. Principles and conservation*. Cambridge Studies in Ecology. Cambridge University Press, Cambridge.
- Kelleher**, D., [date](#) Peat plentiful – but not for paper, in *Irish Paper Makers' Journal*.
- Kellert**, S.R., 1993, The biological basis for human values of nature. In: Kellert, S.R., and Wilson, E.O. (Eds.): *The Biophilia Hypothesis*. Island Press, Washington, pp. 42-69.
- Kellert**, S.R., 1997, *Kinship to mastery. Biophilia in human evolution and development*. Island Press, Washington.
- Kiene**, R. P., and Hines, M. E., 1995. Microbial formation of dimethyl sulfide in anoxic Sphagnum peat. *Appl. Environ. Microbiol.* 61: 2720-2726.
- Kirsamer**, H., 2000, Wiedervernässungsmaßnahmen im Naturschutzgebiet Schopflocher Moor (Torfgrube) 2000, Teil 2. Naturschutzzentrum Schopflocher Alb.
- Kirsch**, C. 1995, Problematik bei der Beschaffung von Drosera-Droge. Proceedings of workshop "Herba Droserae - Botanik, Inhaltsstoffe, Analytik", 10.Nov.1995, Universität Wien.
- Klinger**, L.F., Taylor, J.A. & Franzén, L.G. 1996. The potential role of peatland dynamics in ice-age initiation. *Quaternary Research* 45: 89-92.
- Kløve**, B., 2000. Effect of peat harvesting on peat hydraulic properties and runoff generation. *Suo* 51: 121-129.
- Kluytmans**, L., 1975, Spokerijen in de Peel. *Europese Bibliotheek*, Zalbommel.
- Kohli** E., 1994, The legal basis for mire conservation in Switzerland and its implementation. In: Grünig A. (ed.) *Mires and Man – Mire conservation in a Densely Populated Country – the Swiss Experience*, Swiss Federal Institute for Forest, Snow and Landscape Research, Birmensdorf.
- Komulainen** V., Tuittila, E., Vasander, H., and Laine, J., 1999, Restoration of drained peatlands in southern Finland: initial effects on vegetation change and CO<sub>2</sub> balance. *Journal of Applied Ecology* 36: 634-648.
- Konold**, W., 1998, Schwankend spurt der Weg ins Ried - Vom Leben mit dem Moor. In: Naturschutzzentrum Bad Wurzach (ed.): *Zehn Jahre Projekt "Wurzacher Ried"*. Markgraf, Weikersheim, pp. 253-263.
- Konstantinov**, V.K., Krasil'nikov, N.A., and Chitrin, S.V., 1999, Sovremennoe sostojanie gidrolesomelioracii: aktual'nye prakticeskie i naucnie zadaci. In: Vomperskij, S.E & Sirin, A.A. (Eds.): *Bolota i zabolocennye lesa v cvete zadac ustojcivogo prirodopol'zovanija*. Geos, Moskva, pp. 261-264.
- Koppisch**, D., 2001, Torfbildung. In: M. Succow & H. Joosten (Eds.): *Landschaftsökologische Moorkunde*, 2nd edition, Schweizerbart, Stuttgart, pp. 8-16.

- Korhonen**, R., Lüttig, G.W., 1996, Peat in Balneology and Health Care. In: Lappalainen, E. (ed.) Global Peat Resources. International Peat Society, Geological Survey of Finland, 339-345.
- Kortooms**, T., 1948, De Zwarte Plak. Het Hooghuis, Eindhoven.
- Kortooms**, T., 1949, Beekman en Beekman. Gottmer, Haarlem.
- Kortooms**, T., 1951, De kleine emigratie. De Lanteern, Utrecht.
- Kortooms**, T., 1959, Mijn kinderen eten turf. Westers, Utrecht.
- Kratz**, R. and Pfadenhauer, J., 1996, Research project "Management of Fenland Ecosystems" In: Lüttig G. (ed.) Proceedings of the 10<sup>th</sup> International Peat Congress, Bremen, Germany.
- Kuhn**, T.S. 1984. The structure of scientific revolutions. 2nd ed. University of Chicago Press, Chicago.
- Kuhry**, P., 1994, The role of fire in the development of Sphagnum-dominated peatlands in western boreal Canada. *Journal of Ecology* 82: 899-910.
- Kulczyński**, S., 1949, Torfowiska Polesia. Peat bogs of Polesie. *Mem. Acad. Pol. Sc. et Lettres. Sc. Mat. et Nat. Serie B: Sc. nat.*, 15:, Kraków, pp 1-359.
- Kumari**, K., 1995, An environmental and economic assessment of forest management options: A case study in Malaysia. Pollution and Environmental Economics Division, World Bank, Washington.
- Kuntze**, H., 1973, Moore im Stoffhaushalt der Natur - Konsequenzen ihrer Nutzung. *Landschaft + Stadt*, 5, 2, 88-96.
- Kuntze**, H., 1982, Die Anthropogenese nordwestdeutscher Grünlandböden. *Abh. Naturw. Verein bremen* 39: 379-395.
- Kuntze**, H., 1992, Peat losses by liming and fertilisation of peatlands used as grassland. *Proc 9th Int Peat Congress*: 306-314.
- Laine**, J., 2000. Carbon balance in northern peatlands and global change. In: Crowe, A., and Rochefort, L. (Eds.): Québec 2000 Millenium Wetland Event, p. 220.
- Laine**, J., and Minkinen, K., 1996, Forest drainage and the greenhouse effect. In: Vasander, H. (ed.): Peatlands in Finland. Finnish Peatland Society, Helsinki, pp. 159-164.
- Lamers**, L., 2001, Tackling biochemical questions in peatlands. PhD thesis University of Nijmegen, Nijmegen, 160 p.
- Lamers**, L.P.M., Farhoush, C., Van Groenendael, J.M., Roelofs, J.G.M., 1999, Calcareous groundwater raises bogs; the concept of ombrotrophy revisited. *Journal of Ecology* 87: 639-648.
- Landström**, S. & Olsson, R. 1998: Perennial rhizomatous grasses. Cultivation experiments with reed canary grass for bioenergy in Sweden. In: El bassam, N., Behl, R.K. & Prochnow, B.(eds.): Sustainable Agriculture for Food, Energy and Industry. Vol. 2., pp 942 - 944. James & James, London.
- Lange**, B. 1997, Charakterisierung ausgewählter Grünlandstandorte in Brandenburg und Integration einer Grünen Bioraffinerie in die landwirtschaftliche Betriebstruktur. In: K. Soyez, B. Kamm & M. Kamm (Eds.): Die Grüne Bioraffinerie. Verlag Gesellschaft für ökologische Technologie, Berlin, pp. 53-59
- Langhoff**, W., 1935, Die Moorsoldaten. 13 Monate Konzentrationslager. Unpolitischer Tatsachenbericht. Schweizer Spiegel, Zürich.
- Lappalainen**, E. (ed.), 1996, Global Peat Resources. International Peat Society and Geological Survey of Finland, Jyskä.
- Lappalainen**, E., and Hänninen, P., 1993, Suomen turvevarat, Summary: The peat reserves of Finland, Report of Investigation 117, Geological Survey of Finland.

- Lapshina**, E.D., Pologova, N.N. & Mouldiyarov, E.Ya. 2001, Pattern of development and carbon accumulation in homogenous Sphagnum fuscum-peat deposit on the south of West Siberia. In: Vasiliev, S.V., Titlyanova, A.A. & Velichko, A.A. (eds.): West Siberian peatlands and Carbon cycle: past and present. Agentstvo Sibirint, Novosibirsk, pp. 101-104.
- Laurent**, D., 1986, Kalimantan Ramin and Agathis, where do you come from and how are you harvested. *Revue Bois et Forets des Tropiques* 211: 75-88.
- Laverty**, M., 1943, Never No More. The Story of a Lost Village. Longmans, London.
- Lawrence**, E.A., 1993, The sacred bee, the filthy pig, and the bat out of hell: animal symbolism as cognitive biophilia. In: Kellert, S.R., and Wilson, E.O. (Eds.): The Biophilia Hypothesis. Island Press, Washington, pp. 301-341.
- Lawton**, J.H., and Brown, V.K., 1993. Redundancy in ecosystems. In: Schulze, E.D., and Mooney, H.A. (Eds.): Biodiversity and ecosystem function. Springer, Heidelberg, pp. 255-270.
- Le Quéré**, D. and Samson, C., 2000, Peat bog restoration challenges at the industrial scale in Canada. In: Rochefort, L., and Daigle J-Y, Proceedings of the 11<sup>th</sup> International Peat Congress, Québec, Canada.
- Leakey**, R., and Lewin, R., 1992, Origins reconsidered. In search of what makes us human. Doubleday, New York.
- Lee**, H.S., 1991, Utilisation and conservation of peat swamp forests in Sarawak. In: Aminuddin, B.Y., (ed.) Tropical Peat, Proceedings of the International Symposium on Tropical Peatland, Sarawak, Malaysia.
- Lee**, H.S., and Chai, F., 1996, Production functions of peat swamp forests in Sarawak. In: Maltby, E., Immirzi, C.P., and Safford, R.J. (Eds): Tropical Lowland Peatlands of Southeast Asia. IUCN, Gland, Switzerland, pp. 129-136.
- Leinonen**, A., Ward, S. and Larsson, L.E., 1997, Evaluation of the Fuel Peat Industry in the Enlarged EU. European Commission, Brussels.
- Leong**, A.C. & Lim, H.J., 1994, Vegetable production on Malaysian peat. In: Xianguo, L. & Rongfen, W. (ed.): Wetland environment and peatland utilization. Jilin People's Publishing House, Changchun, pp. 368-376.
- Lepasaar**, J., 1997, Sooradadel. Trükis, Kohtla-Järve.
- Lien**, T., Martikainen, P., Nykänen, H., Bakken, L.. 1992, Methane oxidation and methane fluxes in two drained peat soils. *Suo* 43 (4-5), 231-236.
- Lindsay**, R., 1996, International coordination needs and concepts for a Global Action Plan for Mires and Peatlands. In: Rubec, C.D.A.(compiler) Global mire and peatland conservation. Proceedings of an International Workshop, pp. 43 - 53. North American Wetlands Conservation Council (Canada) Report 96-1.
- Lindsay**, R.A., Charman, D.J., Everingham, J., O'Reilly, R.M., Palmer, M.A., Rowell, T.A.& Stroud, D.A., 1988. The Flow Country: The Peatlands of Caithness and Sutherland. Nature Conservancy Council, Peterborough.
- Linna**, V., 1959. Here under the North Star. Finnish novel Trilogy - Vol. 1 Publ. 1959. Vol's 2 and 3 by 1962. Reissue of Vl. 1 by Aspasia Books Fall 2000 (in English) Vol. 2 - Fall 2001 / Vol. 3 Fall 2002.
- Lishtvan**, I.I., 1996, Chemical and Thermal Processing of Peat. In: Lappalainen, E. (ed.) Global Peat Resources. International Peat Society, Geological Survey of Finland, 347-354.
- Lochner**, T., 2000, Cranberry growers need wetland too. National Wetlands Newsletter 22/2: 7-11.

- Lockow, K.-W.**, 1997, Wachstum, Entwicklung und waldbauliche Behandlung der Zukunftsbäume im Roterlen-Hochwaldbetrieb. *Beiträge für Forstwirtschaft und Landschaftsökologie* 31: 31-35.
- Löfroth, M.**, 1994, European mires – an IMCG project studying distribution and conservation. In: Grünig, A. (ed.): *Mires and Man. Mire conservation in a densely populated country – the Swiss experience*. Swiss Federal Institute for Forest, Snow and Landscape research, Birmensdorf, pp. 281-283.
- Lomans, B.P.**, 2001. Microbial cycling of volatile organic sulfur compounds in anaerobic freshwater sediments. PhD thesis Nijmegen.
- Lomans, B.P.**, Op den Camp, H.J.M., Pol, A., and Vogels, G.D., 1999. Anaerobic versus aerobic degradation of dimethyl sulfide and methanethiol in anoxic freshwater sediments. *Appl. Environ. Microbiol.* 65: 438-443.
- Lomans, B.P.**, Smolders, A.J.P., Intven, L.M., Pol, A., Op den Camp, H.J.M., and Van der Drift, C., 1997. Formation of dimethyl sulfide and methanethiol in anoxic freshwater sediments. *Appl. Environ. Microbiol.* 63: 4741-4747
- Lötschert, W.**, 1969, *Pflanzen an Grenzstandorten*. Gustav Fischer, Stuttgart.
- Lovejoy, T.E.**, 1988, Diverse considerations. In: E.O. Wilson (ed.): *BioDiversity*. National Academy Press, Washington D.C., pp. 421-427.
- Lucas R.E.**, 1982, *Organic Soils (Histosols): Formation, distribution, physical and chemical properties and management for crop production*, Research Report 435 Farm Science, Michigan State University.
- Lucas, A. T.**, 1970. Notes on the History of Turf as Fuel in Ireland to 1700 AD, *Ulster Folk Life Vol. 14/15*. Ulster Folk Museum.
- Ludd, T.**, 1987, *The Best of Bog Cuttings*, Phoenix, Dublin.
- Luthin, C.**, 2000, Wisconsin citizens sour on cranberry industry privileges. *National Wetlands Newsletter* 22/2: 5-6, 12.
- Lüttig, G.**, 2000. Torf und Torfpräparate in Tiermedizin und Tierernährung. *Telma* 30: 77-95.
- Lyons, P.C.**, and Alpern, B. (Eds.), 1989, *Peat and coal: Origin, facies and depositional processes*. *International Journal of Coal Geology* 12, Elsevier, Amsterdam.
- Maas, H.H.J.**, 1909, *Het Goud van de Peel*. P.M. Wink, Amersfoort.
- MacCormaic, S.**, 1934, *In the Glow of the Peat and Other Verses*. Stockwell, London.
- MacGillivray, A.**, 1998, Turning the sustainability corner: how to indicate right. In: Warburton, D. (ed.): *Community and sustainable development. Participation in the future*. Earthscan, London, pp. 81-95.
- Mackay, J.R.**, 1998, Pingo growth and collapse, Tukto Yaktuk Peninsula area, western arctic coast, Canada: a long-term field study. *Géographie physique et Quaternaire* 52. <http://www.erudit.org/erudit/gpq/v52n03/mackay/mackay.htm>
- Macken, W.**, 1952, *The bogman*, MacMillan & Company, London
- Malmer, N.**, and Wallén, B. 1996, Peat formation and mass balance in subarctic ombrotrophic peatlands around Abisko, northern Scandinavia. *Ecol. Bull.* 45: 79-92.
- Malmer, N.**, Svensson, B.M., and Wallén, B., 1994, Interactions between Sphagnum mosses and field layer vascular plants in the development of peat-forming systems. *Folia Geobot. Phytotax.* 29: 483-496.
- Malmer, N.**, Svensson, G., and Wallén, B., 1997, Mass balance and nitrogen accumulation in hummocks on a South Swedish bog during the late Holocene. *Ecography* 20: 535-549.

- Maltby**, E. & Maclean, L. (comp.), 1999, Peatlands under pressure. Arctic to tropical peatlands. Proceedings of IUCN-CEM and Society of Wetland Scientists International Workshop, Anchorage, Alaska, USA. Royal Holloway Institute for Environmental Research, London.
- Maltby**, E., 1986, *Waterlogged Wealth: Why Waste the World's Wet Places?* Institute for Environment and Development, London
- Maltby**, E., Legg C.J., and Proctor M.C.F., 1990, The ecology of severe moorland fire on the North York Moors: effects of the 1976 fires, and subsequent surface and vegetation development. *Journal of Ecology* 78: 490-518.
- Malterer**, T.J., and Johnson, K.W., 1998, Perspectives on Peatland restoration and reclamation in the United States, In: Malterer T., Johnson K. and Stewart J. (Eds.) *Peatland restoration and reclamation – Techniques and regulatory considerations*, Duluth, Minnesota.
- Manning**, J., Trivers, R., Singh, D., and Thornhill, R., 1999. The mystery of female beauty. *Nature* 399:214-215.
- Marschner**, H., 1995, *Mineral nutrition of higher plants*. 2<sup>nd</sup> edition. Academic Press, London.
- Martikainen**, P.J., 1996. The fluxes of greenhouse gases CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O in northern peatlands. In: E. Lappalainen (ed.): *Global peat resources*. Int. peat Society, Jyväskylä, Finland, p. 29-36.
- Martikainen**, P.J., Alm, J., Nykanen, H., Saarnio, S., Maljanen, M., Heikkinen, J., and Silvola, J., 2000, Dynamics of greenhouse gases in natural and disturbed northern peatlands. . In: Crowe, A., and Rochefort, L. (Eds.): *Millenium wetland event*. Programme and abstracts. Quebec, p. 235.
- Martikainen**, P.J., Nykänen, H., Alm, J., Silvola, J., 1995, Changes in fluxes of carbon dioxide, methane and nitrous oxide due to forest drainage of mire sites of different trophy. *Plant and Soil*, 168-169, 571-577.
- Martikainen**, P.J., Nykänen, H., Crill, P., Silvola, J., 1992, The effect of changing water table on methane fluxes at two finnish mire sites. *Suo* 43 (4-5), 237-240.
- Martikainen**, P.J., Nykänen, H., Crill, P., Silvola, J., 1993, Effect of water table on nitrous oxide fluxes from northern peatlands. *Nature*, 366, 51-53.
- Martikainen**, P.J., Nykänen, H., Lang, K., Alm, J., Silvola J., 1994, Emissions of methane an nitrous oxide from peatland ecosystems. In: Kanninen M. & Heikinheimo P. (eds.). *The finnish research programme on climate change. Second progress report*. Publications of the Academy of Finland 1/94: 279-284.
- Marwick**, A., 1989, *The nature of history*. 3th ed. MacMillan, Basingstoke/London
- Masing**, V. 1975. Mire typology of the Estonian S.S.R. In: Laasimer, L. (ed.): *Some aspects of botanical research in the Estonian S.S.R.. Academy of Sciences of the Estonian S.S.R., Tartu*, pp. 123-138.
- Masing**, V., 1972, Typological approach in mire landscape study (with a brief multilingual vocabulary of mire landscape structure). In “*Estonia: Geographical Studies*”, 6-84 pp. Acad. Sci. Estonian SSR - Estonian geogr. Soc., Tallinn.
- Masing**, V., 1972a, Nature conservation of peatlands in the Soviet Union. In: Proc. IVth Int. Peat Congress, Otaniemi, 1, 159-166 pp.
- Masing**, V., 1975, Mire typology of the Estonian S.S.R. In: Laasimer, L. (ed.): *Some aspect of botanical research in the Estonian S.S.R.. Academy of Sciences of the Estonian S.S.R., Tartu*, pp. 123-138.
- Masing**, V., 1997, Ancient mires as nature monuments. *Estonian Encyclopedia Publishers*, Tallinn.

- Masyuk**, V.M., 2000, The socio-economical and ecological aspects of soil melioration (drainage and reclamation) in Polesye region. In: Flade, M. & Kozulin, A. (eds.): The ecology and conservation of floodplains and lowland mires in the Polesya region. Nacional'naja akademija nauk Belarusi, Minsk, pp. 111-113.
- Matrai**, Smith, Andreae, Guenther, 2000. Biosphere-Atmosphere Interactions. In: The Changing Atmosphere. <http://medias.obs-ip.fr:8000/igac/html/book/>.
- Matsumoto**, M., Osaki, M., Nuyim, T., Jongskul, A., Eam-on, P., Kitaya, Y., Urayama, M., Watanabe, T., Kawamukai, T., Nakamura, T., Nilnond, C., Shinano, T., Tadano, T., 1998, Nutritional characteristics of sago palm and oil palm in tropical peat soil. *J of Plant Nutrition* 21: 1819-1841.
- Mauquoy**, D., and Barber, K.E., 1999, Evidence for climatic deteriorations associated with the decline of *Sphagnum imbricatum* Hornsch. *Ex Russ. in six ombrotrophic mires from Northern England and the Scottish Borders. The Holocene* 9: 423-437.
- Maynard Smith**, J., and Szathmáry, E. 1995, The major transitions in evolution. Freeman, Oxford.
- McAlpine**, T., and Waarier Limited, 1996, Future world trends in the supply, utilisation and marketing of endangered medicinal plants. Waarier Limited, London, 176 pp.
- McNally**, G., 1996, Wetland creation on industrial cutaway bog in Ireland. In: Lüttig, G. (ed.) Proceedings of the 10<sup>th</sup> International Peat Congress, Bremen, Germany.
- McNally**, R.J. 1987. Preparedness and phobias: A review. *Psychological Bulletin* 101: 283-303.
- Meadows**, D., 1972, The limits to growth. Nal, USA.
- Meeres**, R.D. 1977. Pipelines. In: Radforth, N.W. & Brawner, C.O. 1977. Muskeg and the northern environment in Canada. University of Toronto Press, Toronto, pp. 264-298.
- Melež**, I., 1972, Ljudi na bolote. Chudožestvennija Literatura, Moskva.
- Meyer**, K., 1999, Die Flüsse der klimarelevanten Gase CO<sub>2</sub>, CH<sub>4</sub> und N<sub>2</sub>O eines nordwestdeutschen Niedermoors unter dem Einfluß der Wiedervernässung. *Göttinger Bodenkundl. Ber.* 111: 1-134.
- Michel-Kim**, H., 1998: Klimaschutzprogramm Mecklenburg-Vorpommern auf Basis der biogenen Potentiale der Land- und Forstwirtschaft. Unpubl. manuscript, Easymod AG Bioenergiesysteme, Güstrow, 18 p.
- Michels**, J., 1991, De Peel-Raamstelling (1934-1940) in Noord-Brabant en Limburg; oorlogs buit voor monumentenzorg? *Brabants Heem* 43: 41-55.
- Midgley**, M., 1983, Animals and why they matter. University of Georgia Press, Athens.
- Midgley**, M., 1996,. Utopias, dolphins and computers. Problems of philosophical plumbing. Routledge, London/New York.
- Milich**, L. 1999 The role of methane in global warming: where might mitigation strategies be focused? *Global Environmental Change* 9: 179-201.
- Minaeva** T., Sirin A., 2000, Peatland Conservation in Russia: Experience and Perspectives. In: Rochefort R & Daigle J-Y (Eds) Proceedings of the 11<sup>th</sup> International Peat Congress, p. 231-236.
- Minkkinen**, K., 1999, Effect of forestry drainage on the carbon balance and radiative forcing of peatlands in Finland. PhD thesis. Department of Forest Ecology, University of Helsinki. 42 p.
- Minkkinen**, K., and Laine, J., 1998, Long-term effect of forest drainage on the peat carbon stores of pine mires in Finland. *Can. J. For. Res.* 28: 1267-1275.
- Mishan**, E.J., 1967, The costs of economic growth. Praeger, New York.

- Mitchell**, W.J.T., 1994, *Landscape and power*. University of Chicago Press, Chicago.
- Mitsch**, W.J., and Gosselink, J.G., 1993: *Wetlands*. 2<sup>nd</sup> ed. Van Nostrand Reinhold, New York. 722 p.
- Mitsch**, W.J., and Gosselink, J.G., 2000, The value of wetlands: importance of scale and landscape setting. *Ecological Economics* 35: 25-33.
- Mitsch**, W.J., Mitsch, R.H., and Turner, R.E., 1994, Wetlands of the Old and New Worlds: ecology and management. In: Mitsch, W.J. (ed.) *Global Wetlands Old World and New* pp. 3-56. Elsevier Press, New York.
- Moen** A. (Ed.), 1995a, The Trondheim Declaration. *Gunneria* 70: 320 – 322.
- Moen** A., 1995b, The Norwegian national plan for nature reserves: methods, criteria and results. In: Moen A. (ed.) *Gunneria 70 – Regional variation and Conservation of Mire Ecosystems*, International Mire Conservation Group, Trondheim.
- Moen, A.**, 1973, Norwegian national plan for mire preservation. In: Proc. Int. Peat Soc. Symp., Glasgow, September 1973. International Peat Society, Helsinki, p. 13.
- Moen, A.**, 1975, Myrundersøkelser i Rogaland, K. Nor. Vidensk. Selsk. Mus. Rapp. Bot. Ser. 1975, 3: 1-127.
- Moen, A.**, 1990, The plant cover of the boreal uplands of central Norway, 1, Vegetation ecology of Solendet Nature Reserve; haymaking fens and birch woodlands. *Gunneria*, 63, Trondheim.
- Moore, P. D.** and Bellamy, D.J., 1974, *Peatlands*. Paul Elek (Scientific Books) Limited, London.
- Moore**, P.D. 1975, Origin of blanket mires. *Nature* 256: 267-269.
- Moore**, P.D. 1984a, (ed.) *European mires*. Academic Press, London.
- Moore**, P.D., 1984b, The classification of mires: an introduction. In: Moore, P.D. (ed.): *European mires*. Academic Press, London, pp. 1-10.
- Moore**, P.D., 1987. Man and mire: a long and wet relationship. *Trans. Botanical Society Edinburgh* 45: 77-95.
- Moore**, P.D., 1993, The origin of blanket mire, revisited. In: Chambers, F.M. (ed.) *Climate change and human impact on the landscape* pp. 217-224. Chapman & Hall, London.
- Moore**, P.D., Webb, J.A., and Collinson, M.E., 1991, *Pollen analysis*, Blackwell, Oxford.
- Moore**, T.R., 1994, Methanemissionen von Mooren in Kanada. *Geographische Rundschau* 46: 322-327.
- Morrissey**, L.A., Livingstone, G.P., and DeGroot, W.J., 2000, Carbon emissions due to wildfires in boreal peatlands. In: Crowe, A., and Rochefort, L. (Eds.): *Millenium wetland event. Programme and abstracts*. Quebec, p. 293.
- Müller-Scheesel**, K., 1975, Jürgen Christian Findorff und die kurhannoverische Moorkolonisation im 18. Jahrhundert. August Lax, Hildesheim.
- Müller-Wille**, M., 1999, *Opferkulte der Germanen und Slawen, Opfer- und Hortfunde in Mooren*. -1. Aufl., 102 S., 109 Abb.; Theiss-Verlag, Stuttgart.
- Münchmeyer**, U., 2000, Zur N-Umsetzung in degradierten Niedermoorböden Nordostdeutschlands und besonderer Berücksichtigung der N-Mineralisierung und des Austrages gasförmiger N-Verbindungen. PhD thesis Greifswald.
- Mundel**, G., 1976, Untersuchungen zur Torfmineralisation in Niedermooren. *Arch Acker Pflanzenbau* 20: 669-679.
- Murphy**, F. (ed.), 1987, *The Bog Irish. Who they were and how they lived*. Penguin Books, Ringwood.
- Mutalib**, A.A., Lim, J.S., Wong, M.W., and Koonvai, L., Characterisation, distribution and utilisation of peat in Malaysia. In: Aminuddin, B.Y., (ed.) *Tropical*

- Peat, Proceedings of the International Symposium on Tropical Peatland, Sarawak, Malaysia.
- Mutka, K.**, 1996, Environmental use of Peat. In: Lappalainen, E. (ed.) Global Peat Resources. International Peat Society, Geological Survey of Finland, 335-337.
- Naeem, S.** 1998 Species redundancy and ecosystem reliability. *Conservation Biology* 12: 39-45.
- Naess, A.**, 1973, The Shallow and the Deep, Long-Range Ecology Movement: a summary. *Inquiry* 16: 95-100.
- Nash, R.**, 1989, The rights of nature. A history of environmental ethics. University of Wisconsin Press, Madison.
- National Wetlands Working Group**, Canada Committee on Ecological Land Classification. 1988. Wetlands of Canada. Environment Canada, Ottawa, Ont., Ecol. Land Class. Ser. No. 24. Polysci. Publ. Inc., Montreal. 452 p.
- Naveh, Z.**, 1994, Functions of Nature. What is the conservation and restoration of nature worth for human society? A book review and some comments based on Naveh & Lieberman 1993, *Restoration Ecology* 2: 71-74.
- Nepstad, D. C.**, Verissimo, A., Alencar, A., Nobre, C., Lima, E., Lefebvre, P., Schlesinger, P., Potter, C., Moutinho, P., Mendoza, E., Cochrane, M. and Brooks, V., 1999. Large-scale impoverishment of Amazonian forests by logging and fire. *Nature* 398, 505-508.
- Nepstad, D. C.**, Verissimo, A., Alencar, A., Nobre, C., Lima, E., Lefebvre, P., Schlesinger, P., Potter, C., Moutinho, P., Mendoza, E., Cochrane, M., and Brooks, V., 1999, Large-scale impoverishment of Amazonian forests by logging and fire. *Nature* 398: 505-508.
- Ng, P.K.L.**, Tay, J.B. & Lim, K.K.P., 1994, Diversity and conservation of blackwater fishes in Peninsular Malaysia, particularly in the North Selangor peat swamp forest. *Hydrobiologia* 285: 203-218.
- Nichols, G.E.**, 1918a. The Sphagnum moss and its use in surgical dressings. *Journal of the New York Botanical Garden* 19: 203-220.
- Nichols, G.E.**, 1918b. Sphagnum moss: War substitute for cotton in absorbent surgical dressings. *Smithsonian Report* 1918: 221-234.
- Nilsson, C.**, Magnusson, R., Olsson, R. & Geladim, P. 1998: Perennial rhizomatous grass. Characterisation of reed canary grass as raw material for pulp production by NIR spectroscopy and multi-variate calibration. In: El bassam, N., Behl, R.K. & Prochnow, B.(eds.): Sustainable Agriculture for Food, Energy and Industry. Vol. 2., pp 964 - 966. James & James, London.
- Norton, B.G.**, 1984, Environmental ethics and weak anthropocentrism. *Environmental Ethics* 6: 131-148.
- Norton, B.G.**, 1987, Why preserve natural variety? Princeton University Press, Princeton.
- Norton, B.N.**, 1991. Towards unity among environmentalists. Oxford University Press, New York.
- Nuutinen, T.**, Hirvelä, H., Hynynen, J., Härkönen, K., Hökkä, H., Korhonen, K.T. and Salminen, O. 2000. The role of peatlands in Finnish wood production- an analysis based on large-scale forest scenario modelling. *Silva Fennica* 34: 131-153.
- Nykänen, H.**, Alm, J., Silvola J., and Martikainen, P.J., 1996, Fluxes of methane on boreal mires with different hydrology and fertility in Finland. In: Laiho, R., Laine, J., and Vasander, H. (Eds.): Northern peatlands in global climatic change. Edita, Helsinki. pp. 127-135.

- O’Cinnéide**, B., MacNamara, W., 1990, *Worldview 2*, The Educational Company, Dublin, Ireland.
- O’Gorman**, T., 2002, Glencardon herd visit shows ways of reducing workload, In: *Irish Farmer’s Journal* 3, 23 February 2003.
- O’Kelly**, A., 1959, *Land Acquisition in Administration Vol7 No 1* Institute of Public Administration, Dublin.
- O’Malley**, E., 1988, *Options for the development of Bord na Móna cutaway bogs*, Economic and Social Research Institute and Bord na Móna, Dublin, Ireland.
- O’Neill**, J., 1997, Managing without prices: the monetary valuation of biodiversity. *Ambio* 26: 546-550.
- O’Riordan**, T. & Voisey, H., 1998, The political economy of the sustainability transition. In O’Riordan, T. & Voisey, H. (eds.): *The transition to sustainability. The politics of Agenda 21 in Europe*. Earthscan, London, pp. 3-30.
- Oechel**, W.C., Hastings, S.J., Voulitis, G., Jenkins, M., Richers, G., and Grulke, N. 1993, Recent change of Arctic tundra ecosystems from a net carbon sink to a source. *Nature* 361: 520-523.
- Oechel**, W.C., Voulitis, G.L., Hastings, S.J., and Bochkarev, S.A. 1995, Change in arctic CO<sub>2</sub> flux over two decades: effects of climate change at Barrow, Alaska. *Ecol. Appl.* 5: 846-855.
- Öhman**, A., 1986, Face the beast and fear the face: animal and social fears as prototypes for evolutionary analysis of emotion. *Psychophysiology* 23: 123-145.
- Okrusko**, H 1996 *Agricultural Use of Peatlands*. In: Lappalainen, E. (ed.) *Global Peat Resources*. International Peat Society, Geological Survey of Finland, 303-309.
- Okrusko** T., and Byczkowski A., 2000, Establishing water Management Rules for Wetland Protection: Biebrza Wetlands Case, In: Rochefort, R., and Daigle, J-Y., (Eds) *Proceedings of the 11<sup>th</sup> International Peat Congress*, pp 237-242.
- Okrusko**, H., 1989, Wirkung der Bodennutzung auf die Niedermoorentwicklung. Ergebnisse eines längjährigen Feldversuches. *Z f Kulturtechnik und Landentwicklung* 30: 167-176.
- Ong**, B.Y. & Mailvaganam, Y., 1992. Peatland as a resource for water supply in Sarawak. *Proceedings of the International Symposium on tropical Peatland*, Kuching, Sarawak.
- Osvald**, H., 1923, *Die Vegetation des Hochmoores Komosse*. Svenska Växtsociologiska Sällskapets Handlingar 1: 1-436.
- Ott**, K., 2000 (manuscript). Reflections on discounting - some preliminary remarks.
- Ott**, K., 2000, Umweltethik - Einige vorläufige Positionsbestimmungen. In: Ott, K. & Gorke, M. (Eds.): *Spektrum der Umweltethik*. Metropolis, Marburg, pp. 13-39.
- Overbeck**, F., 1975, *Botanisch-geologische Moorkunde*. Wachholtz, Neumünster.
- Overend**, R.P., and Jeglum, J.K. (Eds.), 1991. *Symposium ’89: Peat and Peatlands Diversification and Innovation*. Canadian Society for Peat and Peatlands, Quebec.
- Paavilainen**, E. and Päivänen, J., 1995, *Peatland Forestry. Ecology and Principles*. Springer-Verlag, 248 pp.
- Page**, S.E. & Rieley, J.O., 1998, Tropical peatlands: a review of their natural resource functions, with particular reference to Southeast Asia. *International Peat Journal* 8: 95-106.
- Page**, S.E., and Rieley, J.O. Böhm, V. H-D., Siegert, F., Muhamad, N.Z., 2000, Impact of the 1997 fires on the peatlands of Central Kalimantan, Indonesia. In: Rochefort, L., and Daigle, J-E., (Eds.) *Sustaining our Peatlands, Proceedings of the 11<sup>th</sup> International Peat Congress, Québec*. Vol. 2, p. 962-970.

- Page**, S.E., and Rieley, J.O., 1999, The natural resource functions of tropical peatlands. Paper presented at the International Conference on Tropical Peat swamps, Penang, Malaysia, July 1999.
- Paijmans**, K., 1990, Wooded swamps in New Guinea. . In: Lugo, A.E., Brinson, M., and Brown, S. (Eds): Forested wetlands Ecosystems of the World 15. Elsevier, Amsterdam, pp. 335-355.
- Päivänen**, J. and Paavilainen, E., 1996, Forestry on peatlands. In: Vasander, H. (ed.) Peatlands in Finland. Finnish Peatland Society, p. 72-83.
- Päivänen**, J., 1997, Forested mires as a renewable resource - Toward a sustainable forestry practice. In: Trettin, C.C. et al. (Eds.) Northern Forested Wetlands. Ecology and Management, Lewis Publishers, p. 27-44.
- Päivänen**, J., 2000. Benefits of forestry drainage on peatlands – the experience gained in Finland. In Peatlands International 1/2000, International Peat Society, Jyväskylä.
- Pakarinen**, P. 1984. Definitions of peats and organic sediments. Bull. Internat. Peat Soc. 15: 40-46.
- Parr**, L., 2001,. Cognitive and physiological markers of emotional awareness in Chimpanzees (*Pan troglodytes*). *Animal Cognition* 4 (in press)
- Pastor**, J., Bridgham, S., Updegraff, K., Keller, J., Weishampel, P., Harth, C., Dewey, B., and Weltzin, J., 2000, Response of peatland ecosystems to climate change: a manipulative experiment. In: Crowe, A., and Rochefort, L. (Eds.): Millenium wetland event. Programme and abstracts. Quebec, p. 313.
- Payandeh**, B., 1988, Economic evaluation of forest drainage and fertilization in northern Ontario peatlands with an investment decision model. *New For.* 2: 145-160.
- Pearce**, D. & Moran, D., 1994. The economic value of biodiversity. Earthscan, London.
- Pearce**, D., 1993, Sustainable development and the developing country economics. In: Turner, R.K. (ed.): Sustainable environmental economics and management: Principles and practice. Wiley, Chichester, pp. 70-105.
- Pearce**, D., 1998. The limits of cost-benefit analysis as a guide to environmental policy. In: Pearce, D.: Economics and environment. Essays on ecological economics and sustainable development. Edward Elgar, Cheltenham, pp. 55-66.
- Pearce**, D., and Moran, D., 1994, The economic value of biodiversity. Earthsan, London.
- Penang**, 1999, [Penang Statement on Tropical Peatlands, Statement from the international conference and workshop on tropical peat swamps, Penang, Malasia, July 1999. http://www.ramsar.org.](http://www.ramsar.org)
- Perk**, W., 1970. Die Hölle im Moor. Röderberg, Frankfurt/Main.
- Peus**, F., 1932, Die Tierwelt der Moore. Handbuch der Moorkunde (ed. by K. v. Bülow) III, Borntäger, Berlin, 277 p.
- Peus**, F., 1950, Die ökologische und geographische Determination des Hochmoores als "Steppe". Veröffentl. Naturwiss. Ver. Osnabrück. 25. Jahresbericht f. d. Jahre 1941-1950. pp. 39-57.
- Pfeiffer**, E.M., 1993, Methanbildung und -emission aus Marschen und Mooren. *Mitteilgn. Dtsch. Bodenkundl. Gesellsch.* 72, 421-424.
- Pigou**, A.C., 1978, *Essays in Economics*, 4th ed. First publ in 1952.
- Pikulik**, M.M., Kozulin, A.V. & Nikiforov, M.E., 2000, Recent state and significance of vertebrate animal populations of Belarusian Polesye. In: Flade, M. & Kozulin, A. (eds.): The ecology and conservation of floodplains and lowland mires in the Polesya region. Nacional'naja akademija nauk Belarusi, Minsk, pp. 120-123.

- Pilcher**, J.R., Hall, V.A., & McCormac, F.G., 1995. Dates of Holocene Icelandic volcanic eruptions from tephra layers in Irish peats. *The Holocene* 5: 103-110.
- Pimentel**, D., Wilson, C., McCullum, C., Huang, R., Dwen, P., Flack, J., Tran, Q., Satman, T. & Cliff, T., 1997. Economic and environmental benefits of biodiversity. *BioScience* 47: 747-757.
- Pirsig**, R.M., 1974, *Zen and the art of motorcycle maintenance*. An inquiry into values. Morrow Quill, New York.
- Pirtola**, M., 1996, Peat Textiles. In: Vasander, H. (ed.) *Peatlands in Finland*, Finnish Peatland Society, 123-126.
- Pitkänen**, A., Turunen, J. and Tolonen, K., 1999, The role of fire in the carbon dynamics of a mire, Eastern Finland. *Holocene*, 9,4: 453-462.
- Popper**, K.R., 1959, *The logic of scientific discovery*. Routledge, London, 1995 reprint.
- Porter**, J.B., 1917. Sphagnum surgical dressings. *International Journal of Surgery* 30: 129-135.
- Post**, W.M., Emanuel, W.R., Zinke, P.J. and Stangenberger, A.G., 1982, Soil carbon pools and world life zones. *Nature* 298, 156-159.
- Pozdnyakov**, A.I., Pozdnyakova, L.A. & Pozdnyakova, A.D. 2001. Degradation and evolution of peat deposits under agricultural cultivation.(The base theory and approaches of rational use). In: Vasiliev, S.V., Titlyanova, A.A. & Velichko, A.A. (eds.): *West Siberian peatlands and carbon cycle: past and present*. Agentstvo Sibirint, Novosibirsk, pp. 237-238.
- Price**, C., 1993, *Time, discounting, and value*. Oxford: Blackwell. 393p.
- Primavera**, J.H., 2000, Development and conservation of Philippine mangroves: institutional issues. *Ecological Economics* 35: 91-106.
- Primavera**, J.H., 2000, Development and conservation of Philippine mangroves: institutional issues. *Ecological Economics* 35: 91-106.
- Prior**, M., 1998, Economic valuation and environmental values. *Environmental Values* 7: 423-441.
- Pursglove**, J., 1988, *Taming the flood. A history and natural history of rivers and wetlands*. Oxford University Press, Oxford.
- Pyatt**, D.G., 1990, Long term prospects for forests on peatland. *Scott. For.* 44(1): 19-25.
- Quinty**, F., and Rochefort., L., 1997, *Peatland Restoration Guide*, Canadian Sphagnum Peat Moss Association, Edmonton, 21pp.
- Radforth**, J.R. & Burwash, A.L. 1977. Transportation. In: Radforth, N.W. & Brawner, C.O. 1977. *Muskeg and the northern environment in Canada*. University of Toronto Press, Toronto, pp. 249-263.
- Radjagukguk**, B., 1991, Utilisation and management of peatlands in Indonesia for agriculture and forestry, In: Aminuddin, B.Y., (ed.) *Tropical Peat*, Proceedings of the International Symposium on Tropical Peatland, Sarawak, Malaysia.
- Ramsar**, 1971, *Convention on Wetlands of International Importance especially as Waterfowl Habitat*. Ramsar Convention Bureau, Gland, Schweiz ([www.ramsar.org](http://www.ramsar.org)).
- Ramsar**, 1996, *The Sixth Meeting of the Contracting Parties to the Ramsar Convention (COP-6)*, Brisbane, Australia, 1996.
- Ramsar**, 1999, *The Seventh Session of the Contracting Parties to the Ramsar Convention (COP-7)*, San José, Costa Rica, 10-18 May 1999. <http://www.iisd.ca/ramsar/>
- Ramsar**, 1999, *The 7th Conference of the Contracting Parties to the RAMSAR Convention*, San José, Costa Rica. Recommendation 7.1 A global action plan for the

wise use and management of peatlands with Annex Draft Global Action Plan for the Wise Use and Management of Peatlands, RAMSAR Convention Bureau, Gland, Switzerland, ([www.ramsar.org](http://www.ramsar.org)).

**Ramsar**, 2000, Global Action Plan for Peatlands (GAPP), Regarding Wise Use, Conservation and Management [Document accepted by SC24 on 01/12/99 for evaluation by STRP with changes recommended by the Peatlands Working Group at its meeting on 27/06/00].

**Ramsar**, 2001, Guidelines for Global Action on Peatlands, 26<sup>th</sup> Meeting of the Standing Committee, Gland, Switzerland, 5-7 December 2001. DOC. SC26-COP8/15 Draft.

**Rawls**, J., 1971. A theory of justice. Oxford University Press, Oxford.

**Reeburgh**, W.S., and Crill, P.M., 1996. Global methane budget studies. IGACtivities Newsletter 6.

**Rees**, W.E., 1998, How should a parasite value its host? Ecological Economics 25: 49-52.

**Rehmann-Sutter**, C., 1998, Partizipative Risikopolitik, Westdt.Vlg., Wiesbd.

**Reiss**, D. & Marino, L., 2001, Mirror self-recognition in the bottlenose dolphin: A case of cognitive convergence. PNAS 98: 5937-5942.

**Rhein**, U., 1997, Der Einsatz von Satellitenfernerkundung zu Analyse des ökologischen Zustandes der Hochmoore in Niedersachsen. Telma 27, 217-230.

**Richardson**, C.J., and McCarthy, E.J., 1994, Effect of land development and forest management on hydrologic response in southeastern coastal wetlands. Wetlands 14:56-71.

**Riedel**, K.-V., 1988. Worpswede. Atelier im Bauernhaus, Fischerhude.

**Rieley**, J., Page, S.E., Limin, S.H., and Winarti, S., 1997, The peatland resource of Indonesia and the Kalimantan Peat Swamp Forest Research Project. In: Rieley, J.O. and Page, S.E. (Eds.) Biodiversity and sustainability of Tropical Peatlands, Samara Publishing, Cardigan, U.K.

**Rieley**, J., 1991, The ecology of tropical peat swamp forest – a Southeast Asian perspective. In: Aminuddin, B.Y., (ed.) Tropical Peat, Proceedings of the International Symposium on Tropical Peatland, Sarawak, Malaysia.

**Rieley**, J.O., and Page S.E. (Eds.), 1997, Biodiversity and Sustainability of Tropical Peatlands. Proceedings of the International Symposium on Biodiversity, Environmental Importance and Sustainability of Tropical Peat and Peatlands, Palangka Raya, 1995, Samara, Cardigan, U.K.

**Robertson**, R.A., 1975, "Uisge-beatha". In: Hacker, E., and Tüxen, J., (Eds.) Moor und Torf in Wissenschaft und Wirtschaft, pp.157-159. Torfforschung GmbH., Bad Zwischenahn.

**Rodhe**, H., and Malmer, N., 1997. Comments on an article by Franzén et al. 1996. Principles for a climate regulation mechanism during the Late Phanerozoic era, based on carbon fixation in peat-forming wetlands. Ambio 26: 187-1889.

**Rolston III**, H., 1993, Biophilia, selfish genes, shared values. In: Kellert, S.R., and Wilson, E.O. (Eds.): The Biophilia Hypothesis. Island Press, Washington, pp. 381-414.

**Romanov**, V.V., 1968a. Hydrophysics of Bogs. Israel Program for Scientific Translations, Jerusalem.

**Romanov**, V.V., 1968b. Evaporation from Bogs in the European Territory of the USSR. Israel Program for Scientific Translations, Jerusalem.

- Rongfen**, W., 1994, The exploitation and utilization of mire resources in China. In: Xianguo, L. & Rongfen, W. (ed.): Wetland environment and peatland utilization. Jilin People's Publishing House, Changchun, pp. 472-480.
- Roosaluste**, E., 1982, Growth forms of the Scotch Pine growing on bogs. In: Masing, V. (ed.): Peatland ecosystems. Researches into the plant cover of Estonian bogs and their productivity. Valgus, Tallinn, pp. 121-127.
- Ross**, S.M., 1995, Overview of the hydrochemistry and solute processes in British wetlands. In: Hughes, J. & Heathwaite, L. (eds.): Hydrology and hydrochemistry of British wetlands. Wiley, Chichester, pp. 133-181.
- Roulet**, N., 2000a, Climate change and carbon balance of peatlands. In: Crowe, A., and Rochefort, L. (Eds.): Millenium wetland event. Programme and abstracts. Quebec, p.372-373.
- Roulet**, N.T., 2000. Peatlands, carbon storage, greenhouse gases, and the Kyoto protocol : prospects and significance for Canada. *Wetlands* 20: 605-615.
- Rowlands**, R.G. and Feehan, J., 2000, Maximising the natural ecological potential of industrial cutuway peatlands in Ireland. In: Rochefort, L., and Daigle J-Y, Proceedings of the 11<sup>th</sup> International Peat Congress, Québec, Canada.
- Rubec**, C. 1996a. The Ramsar Convention Recommendation on Global Mire and Peatland Wise Use and Conservation. In: Rubec, C.D.A.(compiler) Global mire and peatland conservation. Proceedings of an International Workshop, pp. 39 - 41. North American Wetlands Conservation Council (Canada) Report 96-1.
- Rubec**, C. 1996b. Introduction to the workshop and overview of the global peat resource. In: Rubec, C.D.A.(compiler) Global mire and peatland conservation. Proceedings of an International Workshop, pp. 1-5. North American Wetlands Conservation Council (Canada) Report 96-1.
- Rubec**, C., and Thibault, J.J., 1993, Managing Canadian peatlands: status of the resource and restoration approaches, In: Malterer, T., Johnson, K. and Stewart, J., (Eds.), Peatland restoration and reclamation – Techniques and regulatory considerations, Duluth, Minnesota.
- Rudd**, J.W.M., Harrus, R., Kelly, C.A., and Hecky, R.E. ,1993, Are hydroelectric reservoirs significant sources of greenhouse gases? *Ambio* 22: 246-248.
- Saeijs**, H.L.F., and Van Berkel, M.J., 1997, The global water crisis: the major issue of the twenty-first century, a growing and explosive problem. In: E.H.P. Brans, E.J. de Haan, A. Nollkaemper & J. Rinzema (Eds.): The scarcity of water – Emerging legal and policy problems. Kluwer, London, pp. 3-20.
- Safford**, L., and Maltby, E. (Eds), 1998, Guidelines for Integrated Planning and Management of Tropical Lowland Peatlands, with Special Reference to Southeast Asia. IUCN Commission on Ecosystem Management, Tropical Peatland Expert Group. IUCN, Gland /Cambridge.
- Salampak**, Sabiham & Rieley, J.O., 2000, Phenolic acids in tropical peat from Central Kalimantan. *Int. Peat Journal* 10: 97-103.
- Salleh**, A., 1990, Living with nature: reciprocity or control? In: J.R. Engel & J.G. Engel (Eds.): Ethics of environment and development. Global challenge and international respons). Belhaven Press, London, pp. 245-253.
- Salo**, K., 1996, Peatland berries – a valuable nourishing source. In: Vasander, H. (ed.) Peatlands in Finland, Finnish Peatland Society, 39-44. S
- Schäfer**, A. 1999: Schilfrohrkultur auf Niedermoor- Rentabilität des Anbaus und der Ernte von *Phragmites australis*. *Archiv für Naturschutz und Landschaftsforschung* 38: 193-216.

- Schäfer**, A., and Degenhardt, S., 1999, Sanierte Niedermoore und Klimaschutz – Ökonomische Aspekte Archiv f. Naturschutz und Landschaftsforschung, Vol. 38, pp 335-354
- Schäfer**, A., Holst, H., Wichtmann, W., and Koppisch, D. 2000, Erlenanbau und –nutzung auf degradierten Niedermooren in Nordostdeutschland. *Telma* in press.
- Schäffer**, K., Stülpnagel, R. Geilen, U., and. Oefelein, T., 1996: Einfluß von Aufbereitung und Lagerung auf Brennstoffeigenschaften feuchter Brennstoffe. In: Biomasse als Festbrennstoff, Schriftenreihe Nachwachsende Rohstoffe, Band 6. Landwirtschaftsverlag Münster p. 89-106
- Schama**, S., 1995, Landscape and memory. HarperCollins, London.
- Schata**, D., 1899 Der Torf als Spinn- und Webstoff. *Zeitschrift für die Gesamte Textilindustrie* 5:65-69, 6:81-83, 7:93-95.
- Scheib**, J.E., Gangestad, S.W., and Thornhill, R., 1999. Facial attractiveness, symmetry and cues of good genes. *Proceedings of the Royal Society of London B* 266:1913-1918.
- Schlender**, T. (ed.), 1987, Das Moor in Mythen, Märchen und Erzählungen. Knauer, München.
- Schmidt**, W., Waydbrink, W. v.d., Mundel, G., & Scholz, A., 1981, Kennzeichnung und Beurteilung der Bodenentwicklung auf Niedermoor unter besonderer Berücksichtigung der Degradierung. Forschungsabschlußbericht, ADL, Paulinenaue, 124 p.
- Schmidt-Barrien**, H., 1996. Van Gogh im Moor. J. H. Doell, Bremen.
- Schmilewski**, G.K., 1996, Horticultural Use of Peat. In: Lappalainen, E. (ed.) *Global Peat Resources*. International Peat Society, Geological Survey of Finland, 327-334.
- Schmitz-Schlang**, O., 1995, Nachwachsende Rohstoffe. Chancen und Risiken. Eine Studie des NABU. Naturschutzbund, Bonn, 41 p.
- Scholes**, M.C., Matrai, P.A., Smith, K.A., Andreae, M.C., and Guenther, A., 2000, Biosphere-atmosphere interactions. In: *The changing atmosphere*. <http://medias.obs-mip.fr:8000/igac/html/book/index.html>
- Scholz**, A, Hennings, H.H., 1995, Grenzen der Beweidbarkeit bei der Wiedervernässung von Niedermooren. *Z f Kulturtechnik und Landentwicklung* 36: 162–164.
- Schot**, P., 1992, Solute transport by groundwater flow to wetland ecosystems. PhD thesis, Utrecht.
- Schouten**, M.G.C., Streefkerk, J.G., and van der Molen, P.C., 1992, Impact of climatic change on bog ecosystems, with special reference to sub-oceanic raised bogs. *Wetlands Ecology and Management* 2: 55-61.
- Schuch**, M., 1977. Das Donaumoos und einige seiner gegenwärtigen Hauptprobleme. *Telma* 7: 167–173.
- Schulman**, L., Ruokolainen, K., Tuomisto, H., 1999, Parameters for global ecosystem models, *Nature* 399, 535-536.
- Schwaar**, J., 1981, Amphi-arktische Pflantengesellschaften in Feuerland. *Phytocoenologia* 9: 547-572.
- Science Action Coalition** & Fritsch, A.J., 1980, Environmental ethics. Choices for concerned citizens. Anchor Press, New York.
- Scott**, D.A. (ed.) 1995, A directory of wetlands in the Middle East. IUCN, Gland and IWRB, Slimbridge. Xvii + 560 pp.
- Seel**, M., 1991. Ästhetische Argumente in der Ethik der Natur. *Deutsche Zeitschrift für Philosophie* 39: 901-313.

- Segeberg**, H., 1960, Moorsackung durch Grundwasserabsenkung und deren Vorausberechnung mit Hilfe empirischer Formeln. *Zeitschrift für Kulturtechnik und Flurbereinigung* 3: 144-161.
- Segeberg**, H., Schröder, D., 1952. Vorarbeiten für wasserwirtschaftliche Planungen, im besonderen im Hinblick auf die zu erwartende Senkung der Mooroberfläche. *Mitteilungen über die Arbeiten der Moor-Versuchsstation in Bremen*, 7. Bericht, 93-122.
- Selbach**, M., 1952. *Das Lied im Moor. Bauernroman*. Sesam, Ravensburg.
- Seppälä**, A. (ed.), 1999, *Suon syvä syli*. Maahenki, Jyväskylä.
- Serpenti**, L.M., 1977, Cultivators in the swamps. Social Structure and horticulture in a New Guinea society (Frederik-Hendrik Island, West New Guinea). Van Gorcum, Assen, Netherlands, ed. 2, 320 pp.
- Shane**, E., 1924, *By bog and sea in Donegal*. Appleton, New York.
- Shepard**, P. 1998. *Coming home to the Pleistocene*. Island Press, Washington, 195 p.
- Shine**, C., and de Klemm, C., 1999, *Wetlands, Water and the Law*, IUCN Environmental Policy and Law paper no 38, IUCN Communications Division, Gland.
- Shotyk**, W., Norton, S.A., and Farmer, J.G., 1997, Peat bog archives of atmospheric metal deposition. *Water, Air, and Soil Pollution* 100: 213-413.
- Shotyk**, W., Weiss, D., Appleby, P.G., Cheburkin, A.K. Frei, R, Gloor, M, Kramers, J.D., Reese, S. and Knapp, van der, W.O., 1998, History of atmospheric lead deposition since 12,370 14C yr BP from a peat bog, Jura mountains, Switzerland. Geological Institute, University of Berne, Switzerland. *Science (Washington)*, volume 281 (5383): 1635-1640 pp.
- Shulan**, S., Jian, H. & Shuqin, S., 1994, Study on paddy soil of peat-mire type improved with lime (CaO) treatment. In: Xianguo, L. & Rongfen, W. (ed.): *Wetland environment and peatland utilization*. Jilin People's Publishing House, Changchun, pp. 506-510.
- Sieffermann**, G., Fournier, M., Triutomo, S., Sadelman, M.T., and Semah, A.M., 1988, Velocity of tropical forest peat accumulation in Central Kalimantan Province, Indonesia (Borneo). *Proceedings 8<sup>th</sup> International Peat Congress Leningrad* 1: 90-98. International Peat Society, Leningrad.
- Siemens**, J., 1996, Die Stickstoffdynamik eines durch Trinkwassergewinnung beeinflussten Erlenbruch-Niedermoores. Diplomarbeit Lehrstuhl für Bodenkunde und Bodengeographie Universität, Bayreuth.
- Sigurdson**, S.G. , 1998, Resolving resource and environmental disputes: the Canadian response. In: Weidner, H. (ed.): *Alternative dispute resolution in environmental conflicts. Experiences in 12 countries*. Edition Sigma, Berlin, 106-117.
- Sikora**, L.J., and Keeney, D.R., 1983. Further aspects of soil chemistry under anaerobic conditions. In: Gore, A.J.P. (ed.): *Mires: swamp, bog, fen and moor. general studies*. General studies. *Ecosystems of the World* 4A. Elsevier, Amsterdam, pp. 247-256.
- Silvola**, J., 1986, Carbon dioxide dynamics in mires reclaimed for forestry in eastern Finland. *Ann. Bot. Fennici*, 23, 59-67.
- Silvola**, J., Alm, J., Almholm, U., Nykänen, H., Martikainen, P.J., 1994a. CO<sub>2</sub> fluxes in peatlands under varying temperature and moisture conditions. In: Kanninen, M., Heikinheimo, P., (Hrsg.). *The finnish research programme on climate change. Second progress report*. Publications of the Academy of Finland 1/94: 273-276.
- Silvola**, J., Alm, J., Martikainen, P., Nykänen, H., 1994b. Temporal and spatial variation of CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O fluxes in a boreal minerotrophic pine fen. In: Kanninen, M., Heikinheimo, P., (Hrsg.). *The finnish research programme on climate*

change. Second progress report. Publications of the Academy of Finland 1/94: 277-278.

**Simmel, G.**, 1905. Philosophie der Mode. Reihe Moderne Zeitfragen, Berlin.

**Sirin, A.A., Köhler, S., Bishop, K.**, 1998a, Resolving flow pathways and geochemistry in a headwater forested wetland with multiple tracers. In: Hydrology, Water Resources and Ecology in Headwaters. IASH Publ. No 248, 337-342 pp.

**Sirin, A.A., Minaeva T.**,(Eds.) 2001, Peatlands of Russia: towards an analysis of sectoral information, Geos Publishing house, Moscow, 190 pp.

**Sirin, A.A., Nilsson, M., Shumov, D.B., Granberg, G., Kovalev, A.G.**, 1998b, Seasonal changes in the distribution of dissolved methane in the vertical profile of mires of the Zapadnaya Dvina Lowland. Doklady Biological Sciences 361, 348-351 pp.

**Sirin, A.A., Shumov, D.B. and Vlasova, L.S.**, 1997, Investigation of bog water circulation using  $^3\text{H}$  analysis data. Water Resources 24: 625-633.

**Sjörs, H.**, 1948, Mire vegetation in Bergslagen, Sweden, Acta Phytogeogr. Suec. 21: 1-299.

**Sjörs, H.**, 1990, Divergent successions in mires, a comparative study. Aquilo Ser. Bot. 28: 67-77.

**Sjörs, H.**, 1993. Sphagnum – a mossy story. Advances in Bryology 5: 1-7.

**Skolimowski, H.**, 1990, Reverence for life. In: Engel, J.R., and Engel, J.G. (Eds.): Ethics of environment and development. Global challenge and international respons. Belhaven Press, London, pp. 97-103.

**Smits, F.**, 1987, Mijn leven in de Peel. Medelo, Meijel.

**Söderqvist, T., Mitsch, W.J., and Turner, R.K.**, 2000, Valuation of wetlands in a landscape and institutional perspective. Ecological Economics 35: 1-6.

**Solantie, R.**, 1999, Charts of the climatic impact of the drainage of mires in Finland. Suo 50: 103-117.

**Solzhenitsyn, A.I.**, 1968, The Cancer Ward. Dial Press, New York.

**Sopo, R., and Aalto, A.**, 1996, A quarter century of efficient peat development. In: Vasander, H. (ed.): Peatlands in Finland. Finnish Peatland Society, Finland, pp. 84-87.

**Soyez, K., Kamm, B., and Kamm, M.**, 1998: Die grüne Bioraffinerie-Ein ökologisches Technologiekonzept für regional nachhaltige Produktions- und Wertschöpfungsprozesse. Verlag Ges. f. ökologische Technologie und Systemanalyse e.V., Teltow, pp. 3-14.

**St. Louis, V.L., Kelly, C.A., Duchemin, E., Rudd, J.W.M., and Rosenberg, D.M.**, 2000. Reservoir surfaces as sources of greenhouse gases to the atmosphere: a global estimate. BioScience 50: 766-775.

**Stadtmuseum Oldenburg** (ed.), 1993, More Moor-Dokumentation zu einem internationalen Künstlersymposium; Neue Reihe zur aktuellen Kunst, Bd. 2; Isensee Verlag, Oldenburg.

**Standen, V., Tallis, J.H., and Meade, R.** (Eds.), 1999, Patterned mires and mire pools. Origin and development; flora and fauna. British Ecological Society, Durham.

**Stanton, W.R., and Flach, M.** (Eds.), 1980, Sago. The equatorial swamp as a natural resource. Nijhoff, The Hague.

**Stebich, M.** (comp.), 1983, Sagen und Moor und Heide. Julius Breitschopf, Wien.

**Steenstrup, J.J.S.**, 1842. Geognostisk-geologisk undersøgelse af skovmoserne Vidnesdam- og Lillemose i det nordlige Sjælland. Vid. Sel. naturvid. og mathem. Afh. 9: 17-120.

- Stegmann, H.**, and J. Zeitz, 2001, Bodenbildende Prozesse entwässerter Moore. In: M. Succow & H. Joosten (Eds.): *Landschaftsökologische Moorkunde*, 2nd edition, Schweizerbart, Stuttgart, pp. 50-57.
- Stegmann, H.**, Edom, F. and Koska, I., 2001, Bodenbildende Prozesse wachsender Moore. In: Succow, M., and Joosten, H. (Eds.): *Landschaftsökologische Moorkunde*. Schweizerbart, Stuttgart, pp. 42-50.
- Stewart, A.J.A.**, and Lance A.N., 1983, Moor-draining: a review of impacts on land use, *Journal of Economic Management*, 17, pp81-89.
- Stewart, J.M.**, 1991, Subsidence in cultivated peatlands, In: Aminuddin, B.Y., (ed.) *Tropical Peat, Proceedings of the International Symposium on Tropical Peatland*, Sarawak, Malaysia.
- Stone, C.D.**, 1988, Should trees have standing? Towards legal rights for natural objects. 2<sup>nd</sup> ed. Tioga, Palo Alto.
- Stroud, D. A.**, Reed, T.M., Pienkowski, M.W., and Lindsay, R.A., 1987, Birds, bogs and forestry. The peatlands of Caithness and Sutherland. Nature Conservancy Council.
- Succow, M.**, 1981, Formen und Wandel der Moornutzung im Tiefland der DDR. - *Petermanns Geogr. Mitt.* 125, 3, 185-196, Gotha, Leipzig.
- Succow, M.**, & Joosten, H. (Eds.), 2001, *Landschaftsökologische Moorkunde*, 2nd edition, Schweizerbart, Stuttgart, 620 p.
- Succow, M.**, 1981, *Landschaftsökologische Kennzeichnung und Typisierung der Moore der DDR*. - Diss. B., Akad. Landwirtsch.wiss. DDR: 256 S. u. Anl.; Eberswalde.
- Succow, M.**, 1982, Topische und chorische Naturraumtypen der Moore. In: Kopp, D., Jäger, K., D., and Succow, M., (Hrsg.), *Naturräumliche Grundlagen der Landnutzung*, 138-183, 8 Abb., 14 Tab.; Akademie-Verl, Berlin.
- Succow, M.**, 1983, Moorbildungstypen des südbaltischen Raumes. In Kliewe, H., et al. (Hrsg.). *Das Jungquartär und seine Nutzung im Küsten- und Binnentiefland der DDR und der VR Polen*. Ergänzungsh. Nr. 282 zu *Petermanns Geogr. Mitt.* 86-107, Gotha, Leipzig.
- Succow, M.**, 1988, *Landschaftsökologische Moorkunde*, VEB Gustav Fischer Verlag, Jena.
- Succow, M.**, 1999, Probleme und Perspektiven einer Niedermoorernutzung. *Arch. Natursch. Landschaftsforsch*, 38, 85-95, 4 Abb.; Halle.
- Succow, M.**, and Lange, E., 1984, The Mire Types of the German Democratic Republic. In: Moore, P.D. (ed.) *European Mires*, Academic Press, London.
- Succow, M.**, and Stegmann, H., 2001a. Torfarten. In: M. Succow & H. Joosten (Eds.): *Landschaftsökologische Moorkunde* 2<sup>nd</sup> ed. Schweizerbart, Stuttgart, pp. 58-62.
- Succow, M.**, and Stegmann, H., 2001b. Stoffliche Moorsubstratgliederung. In: M. Succow & H. Joosten (Eds.): *Landschaftsökologische Moorkunde* 2<sup>nd</sup> ed. Schweizerbart, Stuttgart, pp. 65-69.
- Suhardjo, H.**, and Driessen P.M., 1977, Reclamation and use of Indonesian lowland peats and their effects on soil conditions. In: *Proceedings of III ASEAN soil conference*, Kuala Lumpur, pp. 419-424.
- Sundh, I.**, Nilsson, M., Mikkilä, C., Granberg, G., and Svensson, B.H., 2000, Fluxes of Methane and Carbon Dioxide on Peat-mining Areas in Sweden, *Ambio* 26: 499-503.
- Sundström, E.**, 1997, Afforestation of low-productive peatlands in Sweden. *Acta Univ. Agr. Sueciae, Silvestria* 25: 1-33.

- Svensson**, B.H., 1976. Methane production in tundra peat. In: Schlegel, H.G., Gottschalk, G., Pfennig, N., Goltze, E. (Hrsg.), Microbial production and utilisation of gases (H<sub>2</sub>, CH<sub>4</sub>, CO), E. Goltze KG, Göttingen, 135-139.
- Sýkora**, C. (ed.), 1987, The Face of Ireland. 't Widge Vool, Onnen.
- Takahashi**, H., and Yonetani, I., 1997, Studies on microclimate and hydrology of peat swamp forest in Central Kalimantan, Indonesia. In: Rieley, J.O., and Page, S.E. (Eds): Biodiversity and sustainability of tropical peatlands. Samara Publishing, Cardigan, pp. 179-190.
- Talbot**, M., 1986, The bog. William Morrow and Company, New York.
- Tarnocai**, C., and Zoltai, S.C. 1988, Wetlands of Arctic Canada. In: Rubec, C.D.A. (ed.): Wetlands of Canada. Ecological Land Classification Series No. 24. Polyscience, Montreal, pp 29-53.
- Taylor**, P., 1986, Respect for nature. A theory of environmental ethics. Princeton University Press, Princeton.
- Theuerkorn**, W., Reiszki, B., and A. Lenz, 1993, Rohrkolben, ein nachwachsender Rohstoff. 2. Auflage
- Thibodeau**, F.R. & Ostro, B.D., 1981, An economic analysis of wetland protection. Journal of Environmental Management 12: 19-30.
- Thieret**, J.W., 1956. Bryophytes as economic plants. Economic Botany 10: 75-91.
- Thoreau**, H. D., 1854. Walden. 1974 edition. Princeton University Press, Princeton.
- Thornhill** R., and Grammer, K., 1999. The body and face of woman: One ornament that signals quality? Evolution and Human Behavior 20:105-120.
- Thzn**, F.M., 1974, Kent u ze nog ... de Deurnenaren, Europese Bibliotheek, Zaltbommel.
- Tiner**, R. W., 1999, Wetland Indicators : A Guide to Wetland Identification, Delineation, Classification, and Mapping. Lewis Publishers, USA. p. 392.
- Tjurnenov**, S.N., 1976, Peat Deposits, 3<sup>rd</sup> edition, Nedra Publications, Moscow, 488 pp.
- Tol**, R. S. J. 1999a. The marginal costs of greenhouse gas emissions. Energy Journal 20: 61-81.
- Tol**, R. S. J., 1999b, Time discounting and optimal control of climate change. Climatic Change 41: 351-362.
- Tolonen**, K., and Turunen, J., 1996, Accumulation rates of carbon in mires in Finland and implications for climate change. Holocene 6,2: 171-178.
- Tolonen**, K., Vasander, H., Damman, A.W.H. and Clymo, R.S., 1992, Rate of apparent and true carbon accumulation in boreal peatlands, Proc. 9th Int. Peat Congress, Uppsala, Sweden, 22.-26. Juni 1992, Vol. 1, 319-333.
- Törnqvist**, T.E., and Joosten, J.H.J., 1988, On the origin and development of a Subatlantic "man-made" mire in Galicia (northwest Spain). Proceedings 8<sup>th</sup> International Peat Congress Leningrad 1: 214 - 224. International Peat Society, Leningrad.
- Tschirsich**, C., 1994, Untersuchungen zur Quantifizierung von Denitrifikationsverlusten aus Niedermoorböden – dargestellt am Beispiel eines sauren Niedermoorbodens Nordwest-Deutschlands. Dissertation, Georg-August-University of Göttingen.
- Tschudin**, A., Call, J., Dunbar, R. I. M., Harris, G. & Van der Elst, 2001, Comprehension of signs by Dolphins (*Tursiops truncatus*). Journal of Comparative Psychology 115: 100–105.
- Tuittila**, E.-S., Komulainen, V.-M., Vasander, H., Nykänen, H., Martikainen, P.J., and Laine, J., 2000. Vegetation succession controls methane emission from restored

- cut-away peatland. In: Rochefort, L., and Daigle, J.-Y. (Eds.) Sustaining our peatlands, Proceedings of the 11<sup>th</sup> International Peat Congress II: 685-692.
- Turetsky, M.R., Vitt, D.H., and Wieder, R.K., 2000,** Carbon accumulation in peatlands following recent permafrost melt in Western Boreal Canada. In: Crowe, A., and Rochefort, L. (Eds.): Millenium wetland event. Programme and abstracts. Quebec, pp. 416-417.
- Turner, R.C., and Scaife, R.G., (Eds.), 1995,** Bog bodies. New discoveries and new perspectives. British Museum Press, London.
- Turner, R.G., 1993.** Peat and people: a review. *Advances in bryology* 5: 315-328.
- Turunen, J., Pitkänen, A., Tahvanainen, T. and Tolonen, K., 2000b.** Carbon accumulation in West Siberian mires, Russia, Submitted to *Global Biogeochemical Cycles*.
- Turunen, J., Tolonen, K., Tolvanen, S., Remes, M., Ronkainen, J., and Jungner, H., 1999,** Carbon accumulation in the mineral subsoil of boreal mires, *Global Biogeochemical Cycles*, 13: 71-79.
- Turunen, J., Tomppo, E., Tolonen, K. and Reinikainen, A., 2000a.** Estimating carbon accumulation rates of undrained mires in Finland – application to boreal and subarctic regions, Submitted to *Global Biogeochemical Cycles*.
- Tüxen, J., 1982,** Das Hochmoor – ein Lebensbild. *Inf. Natursch. Landschaftspfl.* 3: 79-86.
- Ulrich, R.S., 1993,** Biophilia, biophobia, and natural landscapes. In: Kellert, S.R., and Wilson, E.O. (Eds.): *The Biophilia Hypothesis*. Island Press, Washington, pp. 73-137.
- UNEP, 2000,** Conference of the Parties to the convention on Biological Diversity, Fifth Ordinary Meeting (COP5), Nairobi, Kenya, 15-26 May 2000, Decision V/6, document UNEP/CBD/COP/5/L.16.
- Unesco, 1978,** World water balance and water resources of the Earth. Series Studies and reports no. 25. Unesco.
- UNFCCC, 1993,** United Nations Framework Convention on Climate Change. Secretariat of the United Nations Convention on Climate Change, Bonn ([www.unfccc.org](http://www.unfccc.org)).
- Van Breemen, N., 1995,** How Sphagnum bogs down other plants. *Trends in Ecology and Evolution* 10: 270-275.
- Van der Hoek, S., 1984,** Het bruine goud. *Kroniek van de turfgravers in Nederland*. Elsevier, Amsterdam.
- Van der Schaaf, S., 1999,** Analysis of the hydrology of raised bogs in the Irish Midlands. A case study of Raheenmore Bog and Clara Bog. Ph.D. thesis, Wageningen University, 375 pp.
- Van der Werfhorst, A., 1945,** *De winterkraaien*. 1st edition 1945, Amsterdam, Querido, 238 p. 2nd edition, 1966, Salamander, 213 p.
- Van Dieken, J., n.y.,** *Der Moorschulmeister*. Utrooper Verlag, Leer.
- Van Geel, B., and Renssen, H., 1998,** Abrupt climate change around 2650 BP in North-West Europe: Evidence for climatic teleconnections and a tentative explanation. In: Issar, A., and Brown, N. (Eds.): *Water, environment and society in times of climatic change*. Kluwer, Dordrecht.
- Van Geel, B., van der Plicht, J., Kilian, M.R., Klaver, E.R., Kouwenberg, J.H.M., Renssen, H., Reynaud-Farrera, I., and Waterbolk, H.T., 1998,** The sharp rise of  $\Delta^{14}\text{C}$  ca 800 cal BC: Possible causes, related climatic teleconnections and the impact on human environments, *Radiocarbon* 40: 535-550.

- Van Os**, F.H.L., 1962, De geneeskruiden van onze veen-en moerasgebieden en hun teeltmogelijkheden in het natuurlijke groeigebied. Nederlandse Vereniging voor Geneeskruidentuinen, Verslag Alg. Vergad. 16/17 juni 1961. VRB, Groningen, 47p.,
- Van Schie**, W., 2000, The use of peat in horticulture - Figures and developments. In: Schmilewski, G & Tonniss, W. (Eds.), Peat in horticulture - Development of the role of peat in horticulture; Proc. Int. Peat Conference, Amsterdam, Nov. 1999,
- Van Seggelen**, C., 1999, Vogels van de Groote Peel. Een eeuw avifauna in een veranderend hoogveenlandschap. Stichting Natuurpublicaties Limburg, Maastricht.
- Van Vuuren**, W., and Roy, P., 1993, Private and social returns from wetland preservation versus those from wetland conversion to agriculture. *Ecological Economics* 8: 289-305.
- Van Walsum**, P.E.V., and Joosten, J.H.J., 1994, Quantification of local ecological effects in regional hydrologic modelling of bog reserves and surrounding agricultural lands. *Agricultural Water Management* 25: 45-55.
- Vardy**, S.R., Warner, B.G., Turunen, J. and Aravena, R., 2000, Carbon accumulation in permafrost peatlands in the Northwest Territories and Nunavut, Canada, *Holocene* 10,2, 273-280.
- Varley**, S.J., and Barnett, S.E., 1987. Sphagnum moss and wound healing. *Clinical Rehabilitation* 1: 147-160.
- Varner**, R. K., Crill, P. M., and Talbot, R. W., 1999. Wetlands: A potentially significant source of atmospheric methyl bromide and methyl chloride. *Geophys. Res. Lett.* 26: 2433-2435.
- Vasander**, H. and Roderfeld, H., 1996, Restoration of peatlands after peat harvesting, In: Vasander H. (ed.) Peatlands in Finland, Finnish Peatland Society, Helsinki, Finland.
- Vasander**, H., Herttuainen, H., Aapala, K., and Heikkilä-Palo, L., 2000, Mires as a source of inspiration for Finnish short stories. In: Rochefort, L., and Daigle, J.-Y. (Eds.) Sustaining our peatlands, Proceedings of the 11<sup>th</sup> International Peat Congress II: 1008-1014.
- Vatn**, A. & Bromley, D.W., 1993, Choices without prices without apologies. *J. Environm. Econ. Management* 26: 129-148.
- Veen**, D., 1985, Jeugdherinneringen van een veenarbeider. Geschiedswinkel, Groningen.
- Velthoff**, G.L., Oenema, O., 1993, Nitrous oxide emission from grasslands on sand, clay and peat soil in the Netherlands. In: Van Ham, J., et al. (Hrsg.): Non-CO<sub>2</sub> greenhouse gases, Kluwer Academic Publishers, Dordrecht, 439-444.
- Verhoeven**, J.T.A., and Liefveld, W.M., 1997, The ecological significance of organochemical compounds in Sphagnum. *Acta Botanica Neerlandica* 46: 117-130.
- Verhoeven**, J.T.A., and Meuleman, A.F.M., 1999, Wetlands for wastewater treatment: Opportunities and limitations. *Ecological Engineering* 12: 5-12.
- Vikberg**, P., 1996, Converting cutaway peatlands for game management purposes. In: Vasander, H. (ed.) Peatlands in Finland, Finnish Peatland Society, Helsinki, Finland.
- Viraraghaven**, T., 1991. Use of peat in pollution control, an overview. In: R.P. Overend & J.K. Jeglum (Eds.): Symposium '89: Peat and Peatlands Diversification and Innovation. Vol. II: 109-114. Canadian Society for Peat and Peatlands, Quebec.
- Viraraghaven**, T., and Rana, S.M., 1991. Treatment of septic tank effluent in peat filters. *Int. J. of Env. Studies* 37: 213-225.
- Virtanen**, K.S., and Hänninen, P., 2000, The estimated peat reserves of Finland. In: Rochefort, L., and Daigle, J.-Y. (Eds.) Sustaining our peatlands, Proceedings 11<sup>th</sup> Int. Peat Congress I: 155-161.

- Vitt, D.A., Halsey, L.A., Bauer, I.E. and Campbell, C., 2000, Spatial and temporal trends in carbon storage of peatlands of continental western Canada through the Holocene. Canadian Journal of Earth Sciences 37.**
- Vitt, D.H., and Halsey, L.A. 1994, The bog landforms of continental western Canada in relation to climate and permafrost patterns. Arct. Alp. Res. 26: 1 - 13.**
- Vomperskij, S.E., 1999, Biosfernaja rol' bolot, zabolocennyh lesov i problemy ich ustojcivogo ispol'zovanija. In: Vomperskij, S.E & Sirin, A.A. (Eds.): Bolota i zabolocennye lesa v cvete zadac ustojcivogo prirodopol'zovanija. Geos, Moskva, pp. 166-172.**
- Vompersky, S., Tsyganova, O., Valyaeva, N., and Glukhova, T. 1996, Peat-covered wetlands of Russia and carbon pools of their peat. In: Lüttig, G.W.(ed) Peatlands use - present, past and future 2: 381-390. Schweizerbart, Stuttgart.**
- Vompersky, S.E., Tsyganova, O.P., Glukhova, T.V., and Valyaeva, N.A.1998, Intensity of peat accumulation by mires of Russia in the Holocene on carbon-14 datings. In: Elina, G.A., Kuznetsov, O.L., and Shevelin, P.F (Eds.) Dynamics of mire ecosystems of Northern Eurasia in Holocene, pp. 47-48. Karelian Research Centre of Russian Academy of Sciences, Petrazavodsk.**
- Von Post, L., 1916, Skogsträdpollen i sydsvenska torvmosselagerföljder, Skandinaviske Naturforskernes 16de Møte: 432-68, Kristiania, Oslo.**
- Von Post, L., 1922, Sveriges gologiska undersöknings torvinventering och några av dess hittills vunna resultat. Sv. mosskulturför. Tidskrift 1922: 1-27.**
- Von Post, L., and Granlund, E., 1926, Södra Sveriges torvtillgångar I, Sveriges Geol. Unders. Avh. C 335: 1-127.**
- Vourlitis, G.L., Oechel, W.C., Hastings, S.J., Jenkins, M.A., 1993, The effect of soil moisture and thaw depth on CH<sub>4</sub> flux from wet coastal tundra ecosystems on the North Slope of Alaska. In: Khalil, M.A.K., Shrearer, M.J. (Eds), Atmospheric Methane: Sources, Sinks and Role in Global Change. Proceedings of the NATO Advanced Research Workshop, Mount Hood, Oregon, 7-11 October, 1991. Chemosphere 26 (1-4), 329-337.**
- Wagner, F., Below, R., De Klerk, P., Dilcher, D.L., Joosten, H., Kürschner, W.M., and Visscher, H., 1996, A natural experiment on plant acclimation: Lifetime stomatal frequency response of an individual tree to annual atmospheric CO<sub>2</sub> increase. Proc. Natl. Acad. Sci. USA 93: 11705-11708.**
- Wagner, F., Bohncke, S.J.P., Dilcher, D.L., Kürschner, W.M., Van Geel, B., and Visscher, H., 1999, Century-scale shifts in early Holocene atmospheric CO<sub>2</sub> concentrations. Science 284: 1971 - 1973.**
- Walsh, W.H., 1967. Philosophy of history. An introduction. Harper & Row, New York.**
- Wandtner, R., 1981, Indikatoreigenschaften der vegetation der Hochmooren der Bundesrepublik Deutschland für Schwermetallimmissionen. Diss. Bot. 59. Cramer, Vaduz.**
- Warburton, D. 1998, A passionate dialogue: community and sustainable development. In: Warburton, D. (ed.): Community and sustainable development. Participation in the future. Earthscan, London, 1-39.**
- Warner, B.G., Clymo, R.S. and Tolonen, K., 1993, Implications of peat accumulation at Point Escuminac, New Brunswick. Quat. Res. 39, 245-248.**
- Wassen, M.J., and Joosten, J.H.J., 1996, In search of a hydrological explanation for vegetation changes along a fen gradient in the Biebrza Upper Basin (Poland). Vegetatio 124: 191 - 209.**

- Wassen, M.J.**, R. van Diggelen, J.T.A. Verhoeven & L. Wolejko, 1996. A comparison of fens in natural and artificial landscapes. *Vegetatio* 126: 5-26.
- Watson, A. J.**, and Liss, P. S., 1998. Marine biological controls on climate via the carbon and sulphur geochemical cycles. *Phil. Trans. R. Soc. Lond. B* 353: 41-51.
- Watson, R.A.**, 1979. Self-consciousness and the rights of nonhuman animals and nature. *Environmental Ethics* 1: 99 - 129.
- Watson, R.T.**, Zinyowera, M.C & Moss, R.H. (Eds.), 1996. Technologies, policies and measures for mitigating climate change. Intergovernmental Panel on Climate Change.
- Weber, C.A.**, 1990, Ueber die Moore, mit besonderer Berücksichtigung der zwischen Unterweser und Unterelbe liegenden. *Jahresber. d. Männer v. Morgenstern* 3, 3-23, 2 Abb., Geetemünde.
- Wedekind, C.**, and Furi, S., 1997. Body odor preferences in men and women: Do they aim for specific MHC combinations or simply heterozygosity? *Proc. R. Soc. Lond. B Biol Sci.* 264 (1387): 1471- 1479.
- Wedekind, C.**, Seebeck, T., Bettens, F., and Paepke, A.J., 1995. MCH-dependent mate preferences in humans. *Proc. R. Soc. Lond. B Biol Sci.* 260 (1359): 245-249.
- Weidner, H.**, 1998, Alternative dispute resolution in environmental conflicts - promises, problems, practical experience. In: Weidner, H. (ed.): *Alternative dispute resolution in environmental conflicts. Experiences in 12 countries.* Edition Sigma, Berlin, 11-55.
- Weijnen, A.**, 1947, De onderscheiding van dialectgroepen in Noord-Brabant en Limburg. In: Koninklijke Nederlandsche Akademie van Wetenschappen: *Akademie-dagen Deel 1.* Noord-Hollandsche Uitgevers Maatschappij, Amsterdam, pp. 69-99.
- Weijnen, A.A.**, 1987, *De dialecten van Noord-Brabant.* 2nd ed. Noordbrabants Genootschap, 's-Hertogenbosch.
- Weijs, F.J.**, 1990, *Een ambacht met riet. Riet, biezen en griendhout.* Zuid Boekproducties, Lisse.
- Weil, S.**, 1971, *The need for roots.* Harper Colophon, New York.
- Weltge-Wortmann, S.**, 1979. *Die ersten Maler in Worpswede.* Worpsweder Verlag, Worpswede.
- Westerhoff, A.**, 1936. *Das Ostfriesisch-Oldenburgische Hochmoorgebiet. Die Entwicklung seines Landschafts- und Siedlungsbild.* Lechte, Emsdetten.
- Westermann, P.**, and Ahring, B. K., 1987, Dynamics of methane production, sulfate reduction, and denitrification in a permanently waterlogged alder swamp. *Applied and environmental Microbiol.* 53, 2554-2559.
- Wetzel, P.**, 2000, Tree islands in peatlands: common patterns of formation. In: Crowe, A.& Rochefort, L. (Eds.): *Québec 2000 Millenium Wetland Event*, p. 149.
- Wheeler, B.D.**, and Proctor, M.C.F., 2000, Ecological gradients, subdivisions and terminology of north-west European mires. *J. Ecol.* 88: 187-203.
- Whinam, J.**, Adam, P., Alspach, P., and Wilmshurst, J., 2000, Conservation management of Australasian Sphagnum peatlands. In: Crowe, A.& Rochefort, L. (Eds.): *Québec 2000 Millenium Wetland Event*, p. 222.
- Whinam, J.**, and Buxton, R. 1997. Sphagnum peatlands of Australasia: an assessment of harvesting sustainability. *Biological Conservation* 82: 21 - 29.
- White, P.C.L.** & Lovett, J.C., 1999, Public preferences and willingness-to-pay for nature conservation in the North York Moors National Park, UK. *Journal of Environmental Managment* 55: 1-13.

- White**, R. & Heerwagen, J. 1998. Nature and mental health: Biophilia and biophobia. In: Lundberg (ed.): Environment and mental health. Lawrence Erlbaum, London/New Jersey, pp. xxx – xxx.
- Wichtmann**, W., 1999, Reed production on re-wetted fens instead of abandoned peatlands, Archives for Nature Conservation and Landscape Research 38: 97-110.
- Wichtmann**, W., 2000, Wise Use of Fen Peatlands in Germany. In: Proceedings of the 11<sup>th</sup> International Peat Congress, 815-819.
- Wichtmann**, W., Knapp M., and Joosten H., 2000, Utilisation of biomass from fen peatlands. In German Journal of rural engineering and development 41, 32-26
- Wieder**, K., Novak, M., Schell, W.R., Rhodes, T., 1994, Rates of peat accumulation over the past 200 years in five Sphagnum-dominated peatlands in the United States. J. Paleolimnology, 12 35-47.
- Wild**, U. and Pfadenhauer, J., 1997, Stickstoffhaushalt auf Niedermoor-Renaturierungsflächen im Donaumoos. Verhandlungen der Gesellschaft für Ökologie 27: 235–242.
- Wild**, U., Kamp, T., Lenz, A., Heinz, S. and Pfadenhauer, J., 2001, Cultivation of Typha spp. in constructed wetlands for peatland restoration. Ecological Engineering 17, 49-54.
- Williams**, B., 1982. The healing powers of Sphagnum moss. New Scientists 95: 713-714.
- Williams**, B., 1985, Ethics and the limits of philosophy. Fontana, London.
- Wilson**, E.O., 1993, Biophilia and the conservation ethic. In: Kellert, S.R., and Wilson, E.O. (Eds.): The Biophilia Hypothesis. Island Press, Washington, pp. 31-41.
- Wilson**, E.O., 1998. The biological basis of morality. The Atlantic Monthly 281/4: 53-70.
- Wohlgemuth**, J., 1962, Egon und das achte Weltwunder. Neues Leben, Berlin.
- Wolejko**, L., 2000. Dynamika fitosocjologiczno-ekologiczna ekosystemów źródłiskowych polski północno-zachodniej w warunkach ekstensyfikacji rolnictwa. Akademia Rolnicza w Szczecinie, Szczecin, 112 p.
- Wolejko**, L., and Ito, K., 1986, Mires of Japan in relation to Mire Zones, volcanic activity and water chemistry. Jpn. J. Ecol. 35: 575-586.
- World Commission on Environment and Development**, 1987, Our common future. Oxford University Press, Oxford.
- Wright**, H.E., Coffin, B.A., and Aaseng, N.E. (Eds.), 1992, The patterned peatlands of Minnesota. University of Minnesota Press, Minneapolis.
- Xuehui**, M. & Yan, H., 1994, The evaluation of peat quality and the exploitation of peat in China. In: Xianguo, L. & Rongfen, W. (ed.): Wetland environment and peatland utilization. Jilin People's Publishing House, Changchun, pp. 451-456.
- Yiyong**, W. & Zhaoli, L., 1994, Effects of regional climate after marsh land reclamation in the Sansjiang plain. In: Xianguo, L. & Rongfen, W. (ed.): Wetland environment and peatland utilization. Jilin People's Publishing House, Changchun, pp. 211-217.
- Yuqin**, L., Qichun, W. & Runkui, H., 1994, The formation and developmental goal of the reed flora in the middle south of Liaohe delta in China. In: Xianguo, L. & Rongfen, W. (ed.): Wetland environment and peatland utilization. Jilin People's Publishing House, Changchun, pp. 92-96.
- Zagwijn**, W.H., and Harsveldt, H.M., 1973. Peat deposits and the active carbon industry in the Netherlands. Verhandelingen van het Koninklijk Nederlands Geologisch en Mijnbouwkundig Genootschap 29: 85-88.

- Zoltai**, S.C., and Martikainen, P.J., 1996, Estimated extent of forested peatlands and their role in the global carbon cycle. In: Apps, M.J., and Price, D.T. (Eds.) Forest ecosystems, forests management and the global carbon cycle pp. 47-58. NATO ASI Series Volume I 40, Springer, Berlin.
- Zoltai**, S.C., and Pollett, F.C., 1983, Wetlands in Canada. In: Gore, A.J.P., (ed.) Ecosystems of the World 4B Mires: Swamp, bog, fen and moor-Regional Studies, Elsevier, Amsterdam.
- Zoltai**, S.C., Morrissey, L.A., Livingston, G.P., and De Groot, W.J., 1998, Effects of fires on carbon cycling in North American boreal peatlands. *Environmental Reviews* 6: 13 - 24.
- Zoltai**, S.C., Pollett, F.C., Jeglum, J.K. and Adams, G.D., 1975, Developing a wetland classification for Canada, in Proceedings, 4th North American Forest Soils Conference, edited by B. Bernier and C.H. Winget, pp. 497-511, Laval University Press, Quebec, Quebec.
- Zoltai**, S.C., Tarnocai, C., Mills, G.F., and Veldhuis, H. 1988, Wetlands of Subarctic Canada. In: Rubec, C.D.A. (ed.): Wetlands of Canada. Ecological Land Classification Series No. 24. Polyscience, Montreal, pp. 57-96.
- Zurek**, S., 1984, Verteilung und Charakter europäischer Moore. *Telma* 14: 113-125.

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