

Ecology and Environmental Science Group – Ekologi och Miljövetenskap

Monografier och bokkapitel

- Sahlén, G. Specialists vs. generalists among dragonflies - the importance of forest environments to form diverse species pools. In: Forests and dragonflies. Cordero Rivera, A. (ed). Pensoft Publishers. In press.
- Tonderski K, Weisner S, Landin J & Oscarsson H (eds). 2002. Våtmarksboken: Skapande och nyttjande av värdefulla våtmarker. VASTRA Rapport 3. 270pp.
- Weisner S.E.B. & Strand J.A. 2002. Ecology and management of plants in aquatic ecosystems. In: Handbook of Ecological Restoration. Volume 1, Principles of Restoration. Davy AJ. & Perrow MR (eds). Cambridge University Press. pp 242-256.

Publicerade refereebedomda artiklar i vetenskapliga tidskrifter

- Eriksson, P.G., Svensson, J.M. & Carrer, M. 2003. Temporal and spatial variation of soil nitrogen transformations and oxygen respiration in a tidal marsh. *Estuarine, Coastal and Shelf Science* 58: 861-871.
- Fleischer, S. 2003. CO₂ Deficit in Temperate Forest Soils Receiving High Atmospheric N-Deposition. - *Ambio* 32:2-5.
- Hedström, I. & G. Sahlén, 2002. An extended description of the larva of *Megaloprepus caerulatus* (Drury, 1782) (Odonata, Pseudostigmatidae). *International Journal of Odonatology* 6: 23-31.
- Husted, S. Mattsson, M. Möllers, C. Wallbraun, M. and Schjoerring, J.K. 2002. Photorespiratory NH₄⁺ production in wild type and GS2 antisense oilseed rape (*Brassica napus* L.). *Plant Physiology* 130:989-998.
- Husted S. Thomsen M.U. and Mattsson M. 2005. Influence of nitrogen on acquisition of manganese in barley (*Hordeum vulgare*). *Plant and Soil* 268: 309-317
- Manderscheid, R. Schaaf, S. Mattsson, M. and Schjoerring, J.K. 2005. Glufosinate treatment of weeds results in ammonia emission by the plants *Agriculture, Ecosystems & Environment* 109: 129-140.
- Mattsson, M. and Schjørring, J.K. 2002. Dynamic and steady-state responses of inorganic nitrogen pools and NH₃ exchange in leaves of *Lolium perenne* and *Bromus erectus* to changes in root N supply. *Plant Physiology* 128:681-89.
- Mattsson, M and Schjoerring J.K. 2003. Senescence-induced changes in apoplastic and bulk tissue ammonia concentrations of ryegrass leaves. *New Phytologist* 160: 489-499.
- Paludan C., Alexeyev F., Drews H., Fleischer S., Fuglsang A., Kindt T., Kowalski P., Moos M., Radlowki A., Strömfors G., Westberg, V. & Wolter K. 2002. Wetland management to reduce Baltic Sea eutrophication. *Water Science and Technology* 45: 87-94.
- Pedersen, E., Persson Waye, K. 2004. Perception and annoyance due to wind turbine noise – a dose-response relationship. *Journal of Acoustical Society of America* 116: 3460-3470.
- Sahlén, G. & F. Suhling, 2002. Relationships between egg size and clutch size among European species of Sympetrinae (Odonata: Libellulidae). *International Journal of Odonatology* 5: 181-191.

- Sahlén, G., R. Bernard, A. Cordero-Rivera, R. Ketelaar & F. Suhling, 2004. Critical species of Odonata in Europe. *International Journal of Odonatology* 7: 385-398.
- Sahlén, G & I. Hedström, 2005. The larva of *Mecistogaster linearis* from Costa Rica (Odonata: Pseudostigmatidae), with notes on its abundance in lowland rain forest. *International Journal of Odonatology* 8: 61-68.
- Schjoerring, J.K. Husted, S. Mäck G. Mattsson, M. 2002. The regulation of ammonium translocation in plants. *Journal of Experimental Botany* 54: 234-45.
- Schulz, R., Hahn, C., Bennett, E. R., Dabrowski, J. M., Thiere, G. & Peall, S. K. C. 2003. Fate and effects of azinphos-methyl in a flow-through wetland in South Africa. *Environmental Science and Technology* 37:2139-2144.
- Schulz, R., Thiere, G. & Dabrowski, J. M. 2002. A combined microcosm and field approach to evaluate the aquatic toxicity of azinphos-methyl to stream communities. *Environmental Toxicology & Chemistry* 21:2172-2178.
- Strand J.A. & Weisner S.E.B. 2004. Phenotypic plasticity – contrasting species-specific traits induced by identical environmental constraints. *New Phytologist* 163: 449-451.
- Suhling, F. G. Sahlén, J. Kasperski & D. Gaedecke, 2005. Behavioural and life history traits in temporary and perennial waters: comparisons among three pairs of sibling dragonfly species. *Oikos* 108: 609-617.
- Suhling, F. G. Sahlén, A. Martens, E. Marais & C. Schütte, 2005. Dragonfly assemblage composition and diversity in arid tropical environments: a case study from western Namibia. *Biodiversity and Conservation* (in press).
- Thiere, G. & Schulz, R. 2004. Runoff-related agricultural pollution in relation to macroinvertebrate communities of the Lourens River, South Africa. *Water Research*. 38: 3092-3102
- Thiere, G. & Schulz, R. 2004. Runoff simulation with particle-associated azinphosmethyl in multispecies stream microcosms: implications for the field. *Environmental Toxicology & Chemistry*.23: 1984-1990.
- Vretare V. & Weisner S.E.B. 2002. Interactive effects of pressurized ventilation, water depth and substrate conditions in *Phragmites australis*. *Oecologia*. 131:490-497.
- Vårdal, H, G. Sahlén & F. Ronquist, 2003. Morphology and evolution of the cynipoid egg (Hymenoptera). *Zoological Journal of Linnean Society* 139: 247-260.
- Weisner S.E.B. & Miao S.L. 2004. Use of morphological variability in *Cladium jamaicense* and *Typha domingensis* to understand vegetation changes in an Everglades marsh. *Aquatic Botany* 78:319-335.
- Widenfalk, A., Svensson, J.M. & Goedkoop, W. 2004. Interactions between the pesticides Captan, Deltamethrin, Isoproturon and Pirimicarb and microbial communities of a natural sediment. *Environmental Toxicology and Chemistry* 23: 1920-1927.

Refereegranskade konferensartiklar från internationella vetenskapliga konferenser

- Pedersen, E., Persson Waye, K. Perception and annoyance of wind turbine noise in a flat landscape. In: *Inter-noise 2002 The 2002 International Congress and Exposition on Noise Control Engineering*, Dearborn, MI, USA. August 19-21, 2002
- Pedersen, E., Persson Waye, K. Audio-visual reactions to wind turbines. *EURONOISE*, Neapel 2003

- Pedersen, E., Persson Waye, K. Wind turbine noise – dose-response relationship. ICBEN, Rotterdam 2003
- Pedersen, E., Persson Waye, K. Wind turbine's impact on people living in the vicinity of the turbines. IEA Topical Expert Meeting no 42 on "Acceptability of Wind Turbines in Social Landscapes. Stockholm, 2004
- Pedersen, E., Persson Waye, K., Hallberg, L.R-M. Living close to wind turbines – a qualitative approach to a deeper understanding. INTERNOISE, Prag 2004
- Pedersen, E. and Persson Waye, K.; Human response to wind turbine noise - annoyance and moderating factors. First International Meeting on Wind Turbine Noise: Perspectives for Control, Berlin 17th and 18th October 2005
- Sutton, M.A., C. Milford, E. Nemitz, M.R. Theobald, M. Riedo, K.J. Hargreaves, P.W. Hill, D. Fowler, J.K. Schjoerring, M.E. Mattsson, S. Husted, J.W. Erisman, A. Hensen, J. Mosquera, R. Otjes, P. Cellier, B. Loubet, M. David, S. A. Neftel, B. Herrmann, S.K. Jones, A. Blatter, L. Horvath, T. Weidinger, R. Mezaros, J. Raso, K. Mantzanas, Z. Koukoura, M. Gallagher, J. Dorsey, M. Flynn, B. Lehman, J. Burkhardt and U. Daemmgen. (2002) Ammonia exchange with vegetation: measurement, modelling & application. In "Proceedings of the EUROTRAC-2 symposium, p 49-61, Margraf Verlag, Weikersheim.

Andra vetenskapliga rapporter

- Fleischer, F & Svensson J.M. 2004. Aquatic buffer ponds - a source or sink of N₂O. 7th INTECOL International Wetland Conference 25-30 July, Utrecht. Abstract
- Svensson, J.M., Weisner, S.E.B., Svengren, H.G. & Tonderski, K. 2004. Reliable retention estimates for free water surface wetlands receiving non-point source pollution. 7th INTECOL International Wetland Conference 25-30 July, Utrecht. Abstract
- Tonderski, K., Svensson, J.M. & Weisner, S.E.B. 2004. Free water surface wetlands for treatment of wastewater and non-point source pollution in Sweden. 7th INTECOL International Wetland Conference 25-30 July, Utrecht. Abstract
- Tonderski K. & Weisner S. 2004. Ecological biotechnology in wetlands? In: Water research – What's next? Johansson B (ed). Formas G1:2004.
- Weisner S, Svensson J, Strand J, Svengren H. 2005. Combating eutrophication in Sweden: importance of constructed wetlands in agricultural landscapes. In: Is living water possible in agricultural areas? Proceedings from NJF seminar no. 374, pp 66-69
- Weisner S, Svensson J, Thiere G, Strand J, Edhe PM. 2005. Influence of vegetation on nitrogen removal in experimental wetlands. In: Is living water possible in agricultural areas? Proceedings from NJF seminar no. 374, pp 90-91.

Avnämardinriktade rapporter

- Fleischer, S. 2003. Kvävenedfallet bidrar till minskade koncentrationer av koldioxid i skogsmark. - In: Miljöövervakning i Hallands län 2001. Länsstyrelsen Halland, Meddelande 2003:4, 28-29.
- Pedersen, E. Noise annoyance from wind turbines: a review. Swedish Environmental Protection Agency, Report 5308. 2003
- Persson J & Weisner S. 2002. Integrera teknik och biologi vid utformning och anläggning. In: Våtmarksboken: Skapande och nyttjande av värdefulla våtmarker.

- Tonderski K, Weisner S, Landin J & Oscarsson H (eds). VASTRA Rapport 3: 252-270.
- Persson, P., Davidsson, T. & Svensson, J.M. 2003. The denitrification wall in Helsingborg - experiences from constructions, field experiments and laboratory experiments. VATTEN 59: 17-29.
- Svensson, J.M., Fleischer, S., Rosenqvist, T., Stibe, L. och Pansar, J. 2002. Open stormwater treatment facilities in Halland community/ Ekologisk dagvattenhantering i Halmstad. VA-FORSK Rapport 2002-7.
- Svensson, J.M., Strand, J., Sahlén, G. & Weisner, S.E.B. 2003. Preliminär delrapportering för utvärdering av projektstödsvåtmarker (LBU) med avseende på näringsretention och biologisk mångfald. Våtmarkscentrum, Högskolan i Halmstad, Rapportering till SJV och NV 2003-08-11. 34s.
- Svensson, J.M., Strand, J.A., Sahlén, G. & Weisner, S.E.B. 2004. Rikare mångfald och mindre kväve - utvärdering av våtmarker skapade med stöd av lokala investeringsprogram och landsbygdsutvecklingsstöd. Naturvårdsverket Rapport nr 5362.
- Tonderski, K. S., Svensson, J.M., Ekstam, B., Eriksson, P., Fleischer, S., Herrmann, J., Sahlén, G. , Weisner, S.E.B. 2003. Våtmarker - närsaltsfällor och/eller myllrande mångfald? VATTEN 59: 259-270.
- Weisner S. & Tonderski K. 2002. Biomassa kan produceras och näring återvinnas: ett framtidsperspektiv. In: Våtmarksboken: Skapande och nyttjande av värdefulla våtmarker. Tonderski K, Weisner S, Landin J & Oscarsson H (eds). VASTRA Rapport 3: 123-134.
- Weisner, S.E.B., Svensson, J.M., Strand, J. & Sahlén, G. 2003. Utvärdering av våtmarker med jordbruksstöd (EU) respektive stöd av Lokala Investeringsprogrammet (LIP). Steg 1: insamling och sammanställning av datamaterial och planering för steg 2-4. Våtmarkscentrum, Högskolan i Halmstad, Rapportering till SJV och NV 2003-03-03. 12s.