

## **Publications from CLEAR 2006-2014**

### **2005**

#### **Publications in international journals**

Sand-Jensen, K., Borum, J. & Binzer, T. 2005. Oxygen stress and reduced growth of *Lobelia dortmanna* in sandy lakes sediments subject to organic enrichment. *Freshwater Biology* 50: 1034-1050.

### **2006**

#### **Publications in international journals**

Andersen, F.Ø. & Andersen, T. 2006a. Effects of arbuscular mycorrhiza on biomass and nutrients in the aquatic plant *Littorella uniflora*. *Freshwater Biology* 51: 1623-1633.

Andersen, F.Ø., Jørgensen, M. & Jensen, H.S. 2006b. The influence of *Chironomus plumosus* larvae on nutrient fluxes and phosphorus fractions in aluminum treated lake sediment. *Water, Air and Soil Pollution: Focus* 6: 465-555.

Jensen, H.S., Bendixen, T. & Andersen, F.Ø. 2006. Transformation of particle-bound phosphorus at the land-sea interface in a Danish estuary. *Water, Air, and Soil Pollution: Focus* 6: 547-555.

Pedersen, O., Andersen, T., Ikejima, K., Mohammed, Z.H. & Andersen, F.Ø. 2006 A multidisciplinary approach to understand recent and historical occurrence of the freshwater plant, *Littorella uniflora*. *Freshwater Biology* 51: 865-877.

Reitzel, K., Ahlgren, J., Gogoll, A., Jensen, H.S. & Rydin, E. 2006. Characterization of phosphorus in sequential extracts from lake sediments using <sup>31</sup>P nuclear magnetic resonance spectroscopy. *Canadian Journal of Fisheries and Aquatic Sciences* 63: 1686-1699.

#### **Outreach publications**

Lauridsen, T. L., Schlüter, L., Jørgensen, T. B. & Krogh, G. 2006. Kan pigmentanalyser erstatte algetællinger? *Vand & Jord* 13: 124-128.

Søndergaard, M., Skriver, J. & Henriksen, P. (red.) 2006. Vandmiljø - biologisk tilstand Hovedland. 104 s. In: *MiljøBiblioteket*, Vol. 10.

### **2007**

#### **Publications in international journals**

Ahlgren, J., DeBrabandere, H., Reitzel, K., Rydin, E., Gogoll, A. & Waldebäck, M. 2007. Sediment Phosphorus Extractants for <sup>31</sup>P-NMR Analysis; a Quantitative Evaluation. *Journal of Environmental Quality* 36: 892-898.

Davidson, T. A., Sayer, C. D., Perrow, M.R. & Jeppesen, E. 2007. Is there a reliable animal-fossil relationship between contemporary and surface sediment cladoceran assemblages? *Journal of Paleolimnology* 38: 117-134.

Iglesias, C., Goyenola, G., Mazzeo, N., Meerhoff, M., Rodó, E. & Jeppesen, E. 2007. Horizontal dynamics of zooplankton in subtropical Lake Blanca (Uruguay) hosting multiple zooplankton predators and aquatic plant refuges. *Hydrobiologia* 584:179-189.

Jackson, L.J., Lauridsen, T.L., Søndergaard, M. & Jeppesen, E. 2007. A comparison of shallow Danish and Canadian lakes and implications of climate change. *Freshwater Biology* 52: 1782-1792.

- Jeppesen, E., Meerhoff, M., Jacobsen, B.A., Hansen, R.S., Søndergaard, M., Jensen, J.P., Lauridsen, T.L., Mazzeo, N. & Branco, C.W.C. 2007. Restoration of shallow lakes by nutrient control and biomanipulation — the successful strategy varies with lake size and climate. *Hydrobiologia* 581: 269-285.
- Jeppesen, E., Søndergaard, M., Lauridsen, T.L., Kronvang, B., Beklioglu, M., Lammens, E., Jensen, H.S., Köhler, J., Ventelä, A-M., Tarvainen, M. & Tátrai, I. 2007. Danish and other European experiences in managing shallow lakes. *Lake and Reservoir Management* 23: 439-451.
- Jeppesen, E., Søndergaard, M., Meerhoff, M., Lauridsen, T.L. & Jensen, J.P. 2007. Shallow lake restoration by nutrient loading reduction – some recent findings and challenges ahead. *Hydrobiologia* 584: 239-252.
- Jones, J.I. & Jeppesen, E. 2007. Chapter 7. Body size and trophic cascades in lakes, pp. 118-139. In: Hildrew A.G, Raffaelli D.G & Edmonds-Brown R. (Eds.). *Body size and the structure and function of aquatic ecosystems*. Cambridge University Press.
- Manca, M., Torretta, B., Comoli, P., Amsinck, S.L. & Jeppesen, E. 2007. Major changes in trophic dynamics in large, deep sub-alpine Lake Maggiore from 1940s to 2002: a high resolution comparative palaeo-neolimnological study. *Freshwater Biology* 52: 2256-2269.
- Mehner, T., Holmgren, K., Lauridsen, T.L., Jeppesen, E. & Diekmann, M. 2007. Lake depth and geographical position modify lake fish assemblages of the European 'Central Plains' ecoregion. *Freshwater Biology* 52: 2285-2297.
- Meerhoff, M., Clemente, J.M., Teixeira de Mello, F., Iglesias, C., Pedersen, A.R. & Jeppesen, E. 2007. Can warm climate-related structure of littoral predator assemblages weaken the clear water state in shallow lakes? *Global Change Biology* 13: 1888-1897.
- Meerhoff, M., Iglesias, C., Teixeira De Mello, F., Clemente, J.M., Jensen, E., Lauridsen, T.L. & Jeppesen, E. 2007. Effects of habitat complexity on community structure and predator avoidance behaviour of littoral zooplankton in temperate versus subtropical shallow lakes. *Freshwater Biology* 52: 1009-1021.
- Mommer, L., Wolters-Arts, M., Andersen, C., Visser, E. & Pedersen, O. 2007. Submergence-induced leaf acclimation in terrestrial species varying in flooding tolerance. *New Phytologist* 176: 337-345.
- Sand-Jensen, K. & Staehr, P.A. 2007. Scaling of pelagic metabolism to size, trophy and forest cover in small Danish lakes. *Ecosystems* 10: 128-142.
- Staehr, P.A. & Sand-Jensen, K. 2007. Temporal dynamics and regulation of lake metabolism. *Limnology and Oceanography* 52: 108-120.
- Søndergaard, M. & Jeppesen, E. 2007. Anthropogenic impacts on lake and stream ecosystems, and approaches to restoration. *Journal of Applied Ecology* 44: 1089-1094.
- Søndergaard, M., Jeppesen, E., Lauridsen, T.L., Skov, C., Van Nes, E.H., Roijackers, R., Lammens, E. & Portielje, R. 2007. Lake restoration: successes, failures and long-term effects. *Journal of Applied Ecology* 44: 1095-1105.
- Van Doorslaer, W., Stoks, R., Jeppesen, E. & De Meester, L. 2007. Adaptive microevolutionary responses to simulated global warming in *Simocephalus vetulus*: a mesocosm study. *Global Change Biology* 13: 878-886.
- Weyhenmeyer, G.A., Jeppesen, E., Adrian, R., Arvola, L., Blenckner, T., Jankowski, T., Jennings, E., Nõges, P., Nõges, T. & Straile, D. 2007. Nitrate-depleted conditions on the increase in shallow northern European lakes. *Limnology and Oceanography* 52: 1346-1353.

### **Outreach publications**

- Andersen, F.Ø., Sand-Jensen, K., & Jeppesen, E. 2007 CLEAR – Center for Sørestaurering. In: Petersen, K.J. og Riis, R. (Red.). *Årsskrift for 2006 fra Villum Kann Rasmussen Fondet*. pp. 50-59.

- Andersen, F.Ø., Sand-Jensen, K., & Jeppesen, E. 2007. CLEAR – Centre for Lake Restoration. In Petersen, K.J. and Riis, R. (Eds.). Annual Report 2006 from the Villum Kann Rasmussen Foundation. pp. 50-59.
- Kidmose, J. 2007 Grundvandsstrømning ved Hampen sø, [http://lake-restoration.net/hampen\\_hydrologi.html](http://lake-restoration.net/hampen_hydrologi.html)
- Liboriussen, L., Søndergaard, M., Jeppesen, E., Pedersen, A.R., Skov, C., Skovgaard, H., Christensen, I., Bramm, M., Marsbøl, S. & Pedersen, L.-L. 2007a. Sørestaurering i Danmark. Del 1: Tværgående analyser. Danmarks Miljøundersøgelser, Aarhus Universitet. Faglig rapport fra DMU 636: 88 s.
- Liboriussen, L., Søndergaard, M., Jeppesen, E., Pedersen, A.R., Skov, C., Skovgaard, H., Christensen, I., Bramm, M., Marsbøl, S. & Pedersen, L.-L. 2007b. Sørestaurering i Danmark. Del II: Eksempelsamling. Danmarks Miljøundersøgelser, Aarhus Universitet. Faglig rapport fra DMU 636: 312 s.
- Nilsson, B., Jensen, P., Sonnenborg, T., Kidmose, J., Karan, S. & Engesgaard P. 2007. Bestemmelse af grundvandstilstrømningen til Skærsø. GEUS rapport 2007/65.
- Raun, A.M.L. & Pedersen, O. 2007. Organic sediments sometimes adversely affect root-formation of aquatic plants. *The Aquatic Gardener* 20: 7-12.
- Sand-Jensen, K. & Stæhr, P.A. 2007. Vandløbene er et vindue for CO<sub>2</sub> frigivelse til atmosfæren. *Vand & Jord* 14: 148-150.
- Sand-Jensen, K., Thorsgaard, I., Moeslund, B. & Pedersen, N. L. 2007. Forureningens spor udviskes i Furesø. *Naturens Verden* 5: 28-37.
- Søndergaard, M., Liboriussen, L., Jeppesen, E., Pedersen, A.R., Skov, C., Skovgaard, H., Christensen, I., Bramm, M., Marsbøl, S. & Pedersen, L. 2007. Sørestaurering i Danmark. *Vand & Jord* 14: 124-128.

## **2008**

### **Publications in international journals**

- Bjerring R., Bradshaw, E., Amsinck, S.L., Johansson, L.S., Odgaard, B.V., Nielsen, A.B. & Jeppesen E. 2008: Searching for the reference state: a paleoecological study of 21 low-human-impacted lakes in Denmark using cladoceran and diatom microfossils. *Journal of Applied Ecology* 45: 1566-1575.
- Cazzanelli, M., Warming, T. P. & Christoffersen K. S. 2008. Emergent and floating-leaved macrophytes as refuge for zooplankton in a eutrophic temperate lake without submerged vegetation. *Hydrobiologia* 605:113-122.
- Colmer, T.D. & Pedersen, O. 2008. Underwater photosynthesis and respiration in leaves of submerged wetland plants: Gas films improve CO<sub>2</sub> and O<sub>2</sub> exchange. *The New Phytologist* 177: 918-926.
- de Vicente, I., Huang, P., Andersen, F.Ø. & Jensen, H.S. 2008. Phosphate adsorption by fresh and aged aluminum hydroxide. Consequences for lake restoration. *Environmental Science and Technology* 42: 6650-6655.
- de Vicente, I., Jensen, H.S. & Andersen, F.Ø. 2008. Factors affecting phosphate adsorption to aluminum. Implications for lake restoration. *Science of the Total Environment* 389: 29-36.
- Lauridsen, T.L. Landkildehus, F., Jeppesen, E., Jørgensen, T.B. & Søndergaard, M. 2008. A comparison of methods for calculating Catch Per Unit Effort (CPUE) of gill net catches in lakes. *Fisheries Research* 93: 204-211.
- Li, W., Zhang, Z. & Jeppesen, E. 2008. Response of *Vallisneria spirulosa* (Hydrocharitaceae) to different loadings of ammonia and nitrate at moderate phosphorus concentrations: a mesocosms approach. *Freshwater Biology* 53:2 321-2330.
- Møller, C.L. & Sand-Jensen, K. 2008. Iron plaques improve the oxygen supply to root meristems of the freshwater plant, *Lobelia dortmanna*. *New Phytologist* 173: 848-856.

- Nielsen, L.T. & Borum, J. 2008. Why the free floating macrophyte *Stratiotes aloides* mainly grows in highly CO<sub>2</sub>-supersaturated waters. *Aquatic Botany* 89: 379-384.
- Sand-Jensen, K., Møller, C.L. & Raun, A.L. 2008. Outstanding *Lobelia dortmanna* in iron armor. *Plant Signalling and Behaviour* 3: 882-884.
- Sand-Jensen, K., Pedersen, N.L., Thorsgaard, I., Moeslund, B., Borum, J. & Brodersen, K.P. 2008. 100 years of vegetation decline and recovery in Lake Fure, Denmark. *Journal of Ecology* 96: 260-271.
- Søndergaard, M., Liboriussen, L., Pedersen, A.R. & Jeppesen, E. 2008. Lake restoration by fish removal: Long-term effects in 36 Danish lakes. *Ecosystems* 11: 1291-1305.
- Trolle, D., Jørgensen, T.B. & Jeppesen, E. 2008. Predicting the effects of reduced external nitrogen loading on the nitrogen dynamics and lake water quality of deep Lake Ravn, Denmark, using the dynamic one-dimensional DYRESM\_CAEDYM model. *Limnologia* 38: 222-232.
- Trolle, D., Skovgaard, H. & Jeppesen, E. 2008. The Water Framework Directive: Setting the phosphorus loading target for a deep lake in Denmark using the 1D lake ecosystem model DYRESM-CAEDYM. *Ecological Modelling* 219: 138-152.
- Ventura, M., Liboriussen, L., Lauridsen, T.L., Søndergaard, M., Søndergaard, M. & Jeppesen, E. 2008. Effects of increased temperature and nutrient enrichment on the stoichiometry of primary producers and consumers in temperate shallow lakes. *Freshwater Biology* 53: 1434-1452.

### **Outreach publications**

- Andersen, F. Ø. 2008. CLEAR – Center for Sørestaurering. *Vand & Jord* 15: 44-47.
- Baastrup-Spohr, L & Staehr P.A. 2008. Overfladefilm på søer – et ekstremt miljø. *Vand & Jord* 15: 151-154.
- Egemose, S., Jensen, H.S. & Jensen, H.E. 2008. Fosfor i regnvand fra separatkloakerede oplande. *Vand & Jord* 15: 63-65.
- Møller, C.L. & Sand-Jensen, K. 2008. Planterødders overlevelse i vanddækket bund. *Urt* 32: 55-60.
- Raun, A.L., Sand-Jensen, K. & Borum, J. 2008. Mærkelige frugter i søerne. *Urt* 32: 109-114.
- Staehr, P.A., Closter, R.M. & Sand-Jensen, K. 2008. Søer som superorganismer. *Vand & Jord* 15: 134-138.
- Staehr, P.A. & Sand-Jensen, K. 2008. Ny teknologi på søerne. *Aktuel Naturvidenskab* 15: 18-21.
- Winkel, A. & Pedersen, O. 2008. Root uptake of CO<sub>2</sub> for use in shoot photosynthesis. *The Aquatic Gardener* 21: 11-17.

## **2009**

### **Publications in international journals**

- Bramm, M.E., Lassen, M.F., Liboriussen, L., Ventura, M. & Jeppesen, E. 2009. Fish-zooplankton phytoplankton interactions in shallow lakes at contrasting irradiance levels with special focus on the winter season. *Freshwater Biology* 54: 1093-1109.
- Brucet, S., Boix, D., Gascan, S., Sala, J., Quintana, X.D., Badosa, A., Søndergaard, M., Lauridsen, T.L. & Jeppesen, E. 2009. Species richness of crustacean zooplankton and trophic structure of brackish lagoons in contrasting climate zones: north temperate Denmark and Mediterranean Catalonia (Spain). *Ecography* 32: 692-702.
- Egemose, S. & Jensen, H.S. 2009. Phosphorus forms and quantities in urban runoff and agricultural drainage water. *Lake and Reservoir Management* 25: 410-418.

- Egemose, S., Waur, G. & Kleeberg, A. 2009. Resuspension behaviour of aluminium treated lake sediments – Effects of ageing and pH. *Hydrobiologia* 636: 203-217.
- Jeppesen, E., Kronvang, B., Meerhoff, M., Søndergaard, M., Hansen, K.M., Andersen, H.E., Lauridsen, T.L., Beklioglu, M., Özen, A. & Olesen, J.E. 2009. Climate change effects on runoff, catchment phosphorus loading and lake ecological state, and potential adaptations. *Journal of Environmental Quality* 38: 1931-1940.
- Jeppesen E., Jensen, H.S., Søndergaard, M. & Ventalä, A.-M. 2009. Lake and Reservoir Management, pp. 295-309. In: G. Likens (Ed.) *Encyclopedia of Inland Waters*. Elsevier.
- Kosten, S., Huszar, V.L.M., Mazzeo, N., Scheffer, M., Sternberg, L.S.L. & Jeppesen, E. 2009. Lake and watershed characteristics rather than climate influence nutrient limitation in shallow lakes. *Ecological Applications* 19: 1791-1804.
- Kosten, S., Kamarainen, A., Jeppesen, E., van Nes, E.H., Peeters, E.T.H.M., Mazzeo, N., Hauxwell, J., Hansel-Welch, N., Lauridsen, T.L., Søndergaard, M., Bachmann, R.W., Lacerot, G. & Scheffer, M. 2009. Likelihood of abundant submerged vegetation growth in shallow lakes differs across climate zones. *Global Change Biology* 15: 2503-2517.
- Kosten, S., Lacerot, G., Jeppesen, E., da Motta Marques D., Van Nes, E., Mazzeo, N. & Scheffer, M. 2009. Effect of submerged vegetation on water clarity across climates. *Ecosystems* 12: 1117-1129.
- Leavitt, P.R., Fritz, S.C., Anderson, N.J., Baker, P.A., Blenckner, T., Bunting, L., Catalan, J., Conley, D.J., Hobbs, W., Jeppesen, E., Korhola, A., McGowan, S., Ruhland, K., Rusak, J., Simpson, G., Solovieva, N. & Werne, J. 2009. Paleolimnological evidence of the effects on lakes of energy and mass transfer from climate and humans. *Limnology & Oceanography* 54: 2330-2348.
- Liboriussen, L., Søndergaard, M., Jeppesen, E., Thorsgaard, I., Grünfeld, S., Rasmussen, K., Jacobsen, T.S. & Hansen, K. 2009. Hypolimnetic oxygenation – results from five Danish Lakes. *Hydrobiologia* 625: 157-172.
- Meerhoff, M. & Jeppesen, E. 2009. Shallow lakes and ponds, pp. 645-655. In: G. Likens (Ed.) *Encyclopedia of Inland Waters*. Elsevier.
- Moss, B., Hering, D., Green, A.J., Adoud, A., Becares, E., Beklioglu, M., Bennion, H., Boix, D., Brucet, S., Carvalho, L., Clement, B., Davidson, T.A., Declerck, S., Dobson, M., van Donk, E., Dudley, B., Feuchtmayr, H., Friberg, N., Grenouillet, G., Hillebrand, H., Hobaek, A., Irvine, K., Jeppesen, E., Johnson, R., Jones, I., Kernan, M., Lauridsen, T.L., Manca, M., Meerhoff, M., Olafsson, J., Ormerod, S., Papastergiadou, E., Penning, W., Ptasnik, R., Quintana, X., Sandin, L., Seferlis, M., Simpson, G., Trigo, C., Verdonschot, P., Verschoor, A. & Weyhenmeyer, G. 2009. Climate change and the future of freshwater biodiversity in Europe: a primer for policy-makers. *Freshwater Reviews* 2: 103-130.
- Nilsson, B., Engesgaard, P., Kidmose, J., Karan, S., Looms, M.C. & Frandsen, M.C.S. 2009. Does groundwater - lake exchange influence the water budget of Lake Skærso in Western Denmark? *Geological Survey of Denmark and Greenland Bulletin* 17: 45-48.
- Raun, A.L., Borum, J. & Sand-Jensen, K. 2009. Active accumulation of internal DIC pools reduces transport limitation in large spherical colonies of *Nostoc pruniforme*. *Aquatic Biology*. 5: 1015-1023.
- Reitzel, K., Andersen, F.Ø., Flindt, M. & Jensen, H.S. 2009. Identification of non reactive phosphorus in freshwater by precipitation with aluminium and <sup>31</sup>P NMR analysis. *Environmental Science & Technology* 43: 5391-5397.
- Sand-Jensen, K. 2009. Fascinating adaptations of plants in Scandinavian Lobelia lakes. *Svensk Botanisk Tidskrift* 103: 174-182.
- Sand-Jensen, K., Raun, A.L. & Borum, J. 2009. Metabolism and resources of spherical colonies of *Nostoc zetterstedtii*. *Limnology and Oceanography* 54, 1282-1291.

- Sand-Jensen, K. & Staehr, P.A. 2009. Net heterotrophy in small Danish lakes: A widespread feature over gradients in trophic state and land cover. *Ecosystems* 12: 336-348.
- Schou, M.O., Risholt, C., Lauridsen, T.L., Søndergaard, M., Grønkjær, P., Jacobsen, L., Berg, S., Skov, C., Brucet, S. & Jeppesen, E. 2009. Restoring lakes by using artificial plant beds: habitat selection of zooplankton in a clear and a turbid shallow lake. *Freshwater Biology* 54: 1520-1531.
- Søndergaard, M. 2009. Redox potential, pp. 852-859. In: G. Likens (Ed.). *Encyclopedia of Inland Waters*. Elsevier.
- Teixeira-de Mello, F., Meerhoff, M., Pekcan-Hekim, Z. & Jeppesen, E. 2009. Littoral fish community structure and dynamics differ substantially in shallow lakes under contrasting climates. *Freshwater Biology* 54: 1312-1323.
- Ventura, M. & Jeppesen, E. 2009. Effects of fixation on freshwater invertebrate carbon and nitrogen isotope composition and its arithmetic correction. *Hydrobiologia* 632: 297-308.
- Winkel, A. & Borum, J. 2009. Use of sediment CO<sub>2</sub> by submersed rooted plants. *Annals of Botany* 103: 1015-1023.

### **Outreach publications**

- Egemose, S. 2009. Chemical lake restoration: Effects on nutrient cycling and sediment stability. Phd-thesis. Institute of Biology, Faculty of Natural Sciences, University of Southern Denmark, pp. 117.
- Engesgaard, P., Jensen, J.K., Karan, S., Kidmose, J. & Nilsson, B. 2009. Varme som tracer for udveksling mellem grundvand og overfladevand. *Vand & Jord* 16: 109-113.
- Jeppesen, E., Jørgensen, T.B., Søndergaard, M., Lauridsen, T.L., Meerhoff, M., Liboriussen, L. & Holmgren, K. 2009. Klimaændringer i Danmark – Effekter på søer. *Vand & Jord* 16: 157-160.
- Meerhoff, M., Jeppesen, E., Clemente, J.M., Teixeira-de Mello, F., Iglesias, C. & Lauridsen, T.L. 2009. Klimaændringer i Danmark – Ændringer i undervandsplanternes rolle i søer. *Vand & Jord* 16: 161-164.
- Olesen, J., Sonnenborg, T.O. & Jeppesen, E. 2009. Klima, vand og jord. *Vand & Jord* 16: 122.
- Sand-Jensen, K. 2009. Fascinating adaptations of plants in Lobelia lakes. *Svensk Botanisk Tidsskrift* 103: 174-182.
- Sand-Jensen, K., Borum, J., Raun, A.L., Lett, S. & Hinke A. 2009. Samarbejde i et kugleunivers. *Aktuel Naturvidenskab* 6: 22-25.
- Sand-Jensen, K., Staehr, P.A. & Bastrup-Spøhr, L. 2009. Store huller i vores CO<sub>2</sub>-viden. *Aktuel naturvidenskab* 16: 20-23.

## **2010**

### **Publications in international journals**

- Balayla D.J., Lauridsen, T.L., Søndergaard, M. & Jeppesen, E. 2010. Winter fish kills and zooplankton in future scenarios of climate change. *Hydrobiologia* 646: 159-172.
- Davidson, T.A., Sayer, C.D., Perrow, M.R., Bramm, M. & Jeppesen, E. 2010. The simultaneous inference of zooplanktivorous fish and macrophyte density from sub-fossil cladoceran assemblages: A multivariate regression tree approach. *Freshwater Biology* 55: 546-564.
- de Vicente, I., Andersen, F.Ø., Hansen, H.C., Cruz-Pizarro, L. & Jensen, H.S. 2010. Water level fluctuations may decrease phosphate adsorption capacity of the sediment in oligotrophic high mountain lakes. *Hydrobiologia* 651: 253-264.

- Egemose, S., Reitzel, K., Andersen, F.Ø. & Flindt, M.R. 2010. Chemical Lake Restoration Products: Sediment Stability and Phosphorus Dynamic. *Environmental Science and Technology* 44: 985-991.
- Heiberg, L., Pedersen, T.V., Jensen, H.S., Kjaergaard, C. & Hansen, H.C.B. 2010. A comparative study of phosphate sorption under oxic and anoxic conditions. *Journal of Environmental Quality* 39: 734-743.
- Jensen, E., Brucet, S., Meerhoff, M., Nathansen, L. & Jeppesen, E. 2010. Community structure and diel migration of zooplankton in brackish lakes: role of salinity and predators. *Hydrobiologia* 646: 215-229.
- Jeppesen, E., Meerhoff, M., Holmgren, K., González-Bergonzoni, I., Teixeira-de Mello, F., Declerck, S.A.J., De Meester, L., Søndergaard, M., Lauridsen, T.L., Bjerring, R., Conde-Porcuna, J.M., Mazzeo, N., Iglesias, C., Reizenstein, M., Malmquist, H.J. & Balayla, D. 2010. Impacts of climate warming on lake fish community structure and dynamics, and potential ecosystem effects. *Hydrobiologia* 646: 73-90.
- Jeppesen, E., Moss, B., Bennion, H., Friberg, N., Gessner, M.O., May, L., Meerhoff, M., Olafsson, J.S., Soons, M.B. & Verhoeven, J.T.A. 2010. Chapter 5: Interaction of climate and eutrophication. In: M. Kernan, R. Battarbee & B. Moss (Eds.) *Changing climate and changing freshwaters: a European perspective*. Blackwell.
- Lund S.S., Landkildehus, F., Søndergaard, M., Lauridsen, T.L., Egemose, S., Jensen, H.S., Andersen, F.Ø., Johannson, L.S., Ventura, M. & Jeppesen, E. 2010. Fast changes in community structure, abundance and habitat distribution of fish in a Danish lake following restoration by aluminium treatment. *Freshwater Biology* 55: 1036-1049.
- Mazzeo, N., Iglesias, C., Teixeira-de Mello, F., Borthagaray, A., Fosalba, C., Ballabio, R., Larrea, D., Vilches, J. & Jeppesen, E. 2010. Trophic cascade effects of *Hoplias malabaricus* (Characiformes, Eritrinidae) in (sub)tropical food webs: a mesocosm approach. *Hydrobiologia* 644: 325-335.
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### **2012**

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## **2013**

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## **2014**

### **Publications in international journals**

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## **2015**

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### Outreach publications

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## 2016

### Publications in international journals

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### **Outreach publications**

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- Søndergaard, M., Jeppesen, E., Lauridsen, T.L., Landkildehus, F. & Kidmose J. 2016 Væng Sø – to biomanipulationer og 30 års overvågning. *Vand & Jord*. in press.
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