

Bilag 2. Publikationer med fokus på drænvirkemidler og implementering

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Internationale peer-review publikationer i 2018

- Kjaergaard, C.; Hoffmann, Pugliese, L.; Iversen B.V. 2018. Nitrogen and phosphorus removal in Danish surface-flow constructed wetlands treating agricultural drainage water. In prep.
- Hoffmann, C.C.; Kjaergaard, C. 2018. Nitrogen removal in subsurface flow biofilters of variable design treating agricultural drainage discharge. Accepted. J. Environmental Quality 2018-05-0215-RM <https://dl.sciencesocieties.org/publications/jeq>
- Carstensen, M.V.; Larsen, S.E.; Kjaergaard, C.; Hoffmann, C.C. 2018. Diminishing sulfate reduction by seasonally lowering nitrate removal in subsurface flow constructed wetlands. Revised Journal of Environmental Management <https://www.journals.elsevier.com/journal-of-environmental-management>
- Petersen, R.J.; Prinds, C.; Iversen, B.V.; Engesgaard, P.; Jessen, S.; Kjaergaard, C. 2018. Removal and release of nitrogen in four transects of a Danish riparian lowland irrigated by drain water. Submitted to Water Resources Research Paper # 2018WR023610 <https://agupubs.onlinelibrary.wiley.com/journal/19447973>
- Mendes, L.R.D.; Tonderski, K.; Iversen, B.V.; Kjaergaard, C. Phosphorus retention in surface-flow constructed wetlands targeting agricultural drainage water. I: Ecological Engineering, Nr. 120, 2018, s. 94-103. <https://www.journals.elsevier.com/ecological-engineering>
- Mendes, L.R.D.; Tonderski, K.; Kjaergaard, C. 2018. Phosphorus accumulation and stability in sediments of surface-flow constructed wetlands. Geoderma 331:109-120 <https://www.journals.elsevier.com/geoderma>
- Varvaris, I., Iversen, B.V., Børgesen, C.D., Kjaergaard, C. 2018. Three two-dimensional approaches for simulating the water flow dynamics in a heterogeneous tile-drained agricultural field in Denmark. Soil Science Society of America Journal. DOI: 10.2136/sssaj2018.05.0190 <https://dl.sciencesocieties.org/publications/sssaj>
- Hansen, A.L.; Storgaard, A.; He, X.; Højberg, A.L.; Refsgaard, J.C.; Iversen, B.V.; Kjærgaard, C. 2018. Importance of geological information for assessing drain flow in a Danish till landscape. Hydrological Processes. DOI: 10.1002/hyp.13338 <https://onlinelibrary.wiley.com/journal/10991085>
- Hansen, A.L.; Jakobsen, R.; Refsgaard, J.C.; Højberg, A.L.; Iversen, B.V.; Kjærgaard, C. 2018. Groundwater dynamics and effect of tile drainage on water flow across the redox interface in a Danish Weichsel till area. Advances in Water Resources 123. DOI: 10.1016/j.advwatres.2018.10.022 <https://www.journals.elsevier.com/advances-in-water-resources>