

Short CV – Mette Møller Nielsen

Degrees

- PhD, Aarhus University, Denmark (2015).
- MSc, Aarhus University, Denmark (2011).

Positions

- Postdoc, DTU Aqua, Technical University of Denmark (2015-present).

Research area

Macroalgae cultivation and growth dynamics including macroalgae ecophysiology and ecology. Mapping of macroalgae and use of macroalgae for mitigation.

Review, 2011-present

Reviewer for Journal of Applied Phycology.

Peer reviewed publications: 6. **Reports:** 95. **International conferences:** 3.

Educational tasks, 2011-present

Instructor/lecturer of first year students in the course "*Algae, Fungi and Protozoa*", Department of Bioscience, Aarhus University (2011-2014).

Grants, 2011-present

- Ministry of Environment and Food of Denmark and European Maritime and Fisheries Fund (EMFF): Management of mussel fishery in relation to protected habitats in Horsens Fjord and the Lillebælt (2016-2017, PI).
- Ministry of Environment and Food of Denmark and Limfjordsrådet: Stone reefs as a tool for mitigation (2016-18, PI).

Other activities

Ad hoc supervision of masters students.

Five selected publications

Nielsen MM, Bruhn A, Rasmussen MB, Olesen B, Larsen MM, Møller HB. (2012). Cultivation of *Ulva lactuca* with manure for simultaneous bioremediation and biomass production. *Journal of Applied Phycology*, 24, 449-458.

Nielsen MM, Krause-Jensen D, Olesen B, Thinggaard R, Christensen PB, Bruhn A. (2014). Growth dynamics of *Saccharina latissima* (Laminariales, Phaeophyceae) in Aarhus Bay, Denmark and along the species' distribution range. *Marine Biology*, 161, 2011-2022.

Nielsen MM, Kumar JP, Soler-Vila A, Johnson MP, Bruhn A. (2015). Early stage growth responses of *Saccharina latissima* spores and gametophytes. Part 1: Inclusion of different phosphorus regimes. *Journal of Applied Phycology*
DOI: 10.1007/s10811-015-0547-z.

Nielsen MM, Mans D, D'Este M, Krause-Jensen D, Rasmussen MB, Larsen MM, Alvarado-Morales M, Angelidak I, Bruhn A. (2016). Variation in morphology and biochemical composition of *Saccharina latissima* and *Laminaria digitata* along an estuarine salinity gradient in inner Danish waters. *Algal Research* 13, 235-245.

Nielsen MM, Paulino C, Neiva J, Serrão E, Krause-Jensen D, Bruhn A. Genetic diversity of *Saccharina latissima* (Phaeophyceae) along a salinity gradient in the North Sea-Baltic transition zone. *Journal of Phycology*. In press.