

Short CV – Thomas Kiørboe

Degrees

- Dr Scient, University of Copenhagen, Denmark (1988).
- PhD, University of Copenhagen, Denmark (1983).
- MSc, University of Copenhagen, Denmark (1977).

Positions

- Professor, Danish Institute of Fisheries Research (DIFRES)/DTU Aqua, Technical University of Denmark (1994-present).
- Centre Leader, Centre for Ocean Life (2012-present).
- Head of Section for Oceanography and Climate, DTU Aqua (2008-2013).
- Research Scientist (1983) and Senior Scientist (1992), DIFRES (1983-1992).
- Various teaching and soft money positions and fellowships, Univ. Copenhagen and RUC, Denmark (1978-1983).
- Civil service (1977-1978).

Research area

Plankton ecology and biogeography, small-scale biological-physical interactions, zooplankton ecology, microbial ecology, trait-based ecology, marine snow, modelling.

Distinctions and awards

- Elected Fellow of Royal Danish Academy of Science and Letters (1996).
- Elected Fellow The Danish Academy of Natural Sciences (1994).
- Elected Member of The Danish Academy for Technical Sciences (2009).
- Awarded Danish 'Researcher of the year' (2005).
- Listed as "Highly Cited Author" by ISI (2001).
- Recipient of the A.G. Huntsman Award 2007.
- Recipient of the G.A. Hageman Gold medal (2015).

Memberships of scientific committees, 2011-present

Co-editor or Member of the editorial board of 4 international journals: Limnology and Oceanography; Journal of Plankton Research; Scientia Marina; PMBC Bulletin.

Review, 2011-present

Referee for various international journals and funding agencies.

Peer reviewed publications: 180. **Books and book chapters:** 4. **International conferences:** 5.

Educational tasks, 2011-present

- DTU courses: 25102 Oceanography (Responsible); 25310 Biological Oceanography (2011-2013, Responsible); 25105 Ecology (Responsible)
- Taught several international PhD schools, typically 1-2 per year.

Supervision, 2011-present

PhD students: 4 (Main Supervisor); 6 (Co-supervisor). **Master students:** 1 (Main Supervisor).
Postdocs: 8 (Main Supervisor).

Grants, 2011-present

- Centre for Ocean Life, VKR Center of Excellence (2012-2017, Centre Leader).
- Strategic Research Council: IMPAQ (2012-2016, PI).
- NORMER, Nordic Center of Excellence (2012-2016, PI).
- Responsible for various postdoctoral fellowships and visiting professorships (Danish Research Council, VKR Foundation, H.C. Ørsted fellowship programme, Marie Curie programme, etc).

Five selected publications

Kjørboe T, Ceballos S, Thygesen UH. (2015). Interrelations between senescence, life history traits, and behaviour in planktonic copepods. *Ecology*, 96, 2225-2235.

Kjørboe T, Hirst AG. (2014). Shifts in mass-scaling of respiration, feeding, and growth rates across life-form transitions in marine pelagic organisms. *Am. Nat.* 183, E118–E130. DOI: 10.1086/675241

Kjørboe T, Jiang H, Goncalves RJ, Nielsen LT, Wadhwa N. (2014). Flow disturbances generated by feeding and swimming zooplankton. *PNAS* 111, 11738–11743.

Kjørboe T, Jiang H. (2013). To eat and not be eaten: Optimal foraging behavior in suspension feeding copepods. *J. Roy. Soc. Int.* 10, 20120693. doi.org/10.1098/rsif.2012.0693.

Kjørboe T. (2011). How zooplankton feed: Mechanisms, traits, and tradeoffs. *Biol. Rev.*, 86, 311-340. Doi:10.1111/j.1469-185X.2010.00148.x