

Short CV – Cornelia Jaspers

Degrees

- PhD (Biological Oceanography), Technical University of Denmark (2012).
- MSc (Biological Oceanography), University of Southern Denmark (2008).

Positions

- Postdoc, Danish Research Council/Marie Curie, Helmholtz Centre for Ocean Research (GEOMAR) (2014-present).
- Scientific Coordinator/Postdoc, Helmholtz Centre for Ocean Research (GEOMAR), Germany (2014).
- Postdoc, DTU Aqua, Technical University of Denmark (2012 & 2014).
- Postdoc, Marine Biological Laboratory (MBL), USA and Aarhus University, Denmark (2012).

Research area

I am a Biological Oceanographer and my research focus is devoted to understand the composition, contribution and importance of gelatinous zooplankton to carbon cycling in tropical, temperate and Arctic ecosystems. The interaction between jellyfish and fish remains an underappreciated link which I am especially interested in as well as general invasion ecology mechanisms and detection of functional traits of invasive species in marine systems.

Distinctions and awards

- Danish Research Council, Marie Curie Postdoctoral stipendium (2014-2016).
- German Exchange Service Postdoctoral stipendium to go to MBL, USA and Aarhus University, Denmark (2012).
- Research Highlight in Nature (2012).
- ICES, travel award to go to Chile (2011).
- Outstanding student presentation award, Ocean Science Meeting, France (2009).
- ASLO, travel award to go to Florida (2008).
- Socrates/Erasmus (EU) mobility stipendium (2006).
- Scholarship, University of Hamburg, Germany (2002-2005).

Memberships of scientific committees, 2011-present

ICES WGNEW working group member. Member of 1 PhD assessment committee and 1 PhD advisory board.

Review, 2011-present

I am regularly reviewing manuscripts for ca. 10 journals such as Limnology and Oceanography, PlosOne.

Peer reviewed publications: 16. Reports: 1. International conferences: 9.

Advisory tasks, 2011-present

ICES representative at the annual PICES meeting in Japan; Co-convenor: jellyfish-fish interactions session (2012).

Educational tasks, 2011-present

Molecular Ecology, GEOMAR (Contributor), Fisheries Oceanography, Aarhus University (Contributor), 25310 Biological Oceanography, DTU (Contributor).

Grants, 2011-present

- Excellence cluster Future Ocean, Germany: Invasion success (2015-2017, Coordinator).
- National Science Foundation (NSF), USA: The Chukchi Borderlands (2016-2017, PI).
- Danish Research Council/Marie Curie (EU): Mnemiopsis (2014-2016, Coordinator).
- EU/BONUS: BIO-C3 (2014-2017, Scientific Coordinator).
- German Exchange Service (DAAD), Germany: Turbulence (2012, Coordinator).
- Royal Swedish Academy of Science: Population dynamics (2011, Coordinator).
- Nordic Marine Academy: Gelatinous plankton ecology (2010, Coordinator).
- ASSEMBLE: Mnemiopsis dynamics (Coordinator, 2010).

Five selected publications

Jaspers C, Nielsen TG, Carstensen J, Hopcroft RR, Møller EF. (2009). Metazooplankton distribution across the Southern Indian Ocean with emphasis on the role of Larvaceans. *Journal of Plankton Research*. 31(5), 525-540.

Jaspers C, Møller LF, Kiørboe T. (2011). Salinity gradient of the Baltic Sea limits the reproduction and population expansion of the newly invaded comb jelly *Mnemiopsis leidyi*. *PLoS one*. 6(8), e24065-e24065.

Jaspers, C, Titelman, J, Hansson, J, Haraldsson, M, Røllike, C (2011) The invasive ctenophore *Mnemiopsis leidyi* poses no direct threat to Baltic cod eggs and larvae. *Limnology and Oceanography*. 56(2), 431-439.

Jaspers C, Haraldsson M, Bolte S, Reusch TBH, Kiørboe T. (2012). Ctenophore population recruits entirely through larval reproduction in the central Baltic Sea. *Biology Letters*. 8(5), 809-812. Featured "research highlight" in *Nature* 05.2012

Jaspers C, Acuña JL, Brodeur RD. (2015). Interactions of gelatinous zooplankton within marine food webs. *Journal of Plankton Research*. 37(5), 985-988.