

CV – Colin Andrew Stedmon

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Web of Science Researcher ID: B-5841-2008

Nationality: Danish & Canadian

Place of work: Technical University of Denmark, (Danmarks Tekniske Universitet)

National Institute for Aquatic Resources, (Institut for Akvatiske Resourcer)

Lyngby, Denmark

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Research themes

Environmental analytical chemistry, microbial ecology, aquatic biogeochemistry, oceanography.

Employment & Education

- Professor, Technical University of Denmark, Nat. Inst. Aquatic Resources, (2019-)
- Centre Leader, Danish Centre for Marine Research (2015-)
- Associate Professor, Technical University of Denmark, Nat. Inst. Aquatic Resources, (2011-2019).
- Senior Scientist at NERI-Aarhus University, Dept. of Marine Ecology (2009-2011).
- Scientist at NERI-Aarhus University, Dept. of Marine Ecology (2005-2009).
- PhD, Global Change Ph.D. School, Copenhagen University, Denmark (2004).

Leadership & Supervision

- Coordinator of the development of the [UNDOS Arctic Action Plan](#) (2020-2021)
- Co-chair of [ICES Working Group on Integrated Ecosystem Assessment of the Greenland Sea](#) (2019+)
- Danish representative in the International Arctic Science Committee (www.iasc.info) Marine Working Group (2018+)
- Research Grant Assessment Panel and Programme Advisory Group for UK NERC Changing Arctic Ocean initiative (2016-2021)
- Journal Associate Editor, Marine Chemistry, (2010-2017)
- Supervision (past and current, including co-supervision): B.Sc.3; M.Sc.9; Ph.D. 8; Post Docs 6.

Achievements

- 2020 Corrits Akademiske Rejselegat.
- 2018 Statoil Prize for excellence in scientific research for the benefit of society. [Link](#).
- 2013 Nominated by Horiba Scientific for the 2013 Masao Horiba Awards.
- 2008 L. A. Colding Distinguished Lecture in Environmental Science and Technology. DTU.
- Stedmon et al 2003 in Marine Chemistry 3rd most cited paper in the journal >1200 citations (WoS).
- Stedmon and Bro 2008 in *Limnology and Oceanography: Methods* is the most cited paper in the journal in since started 2003. >1200 citations (WoS).

Research grants obtained as lead applicant:

- 2020-2022 Linking East Greenland fisheries to changing oceanographic conditions. (Nordic Working Group on Fisheries). DKK 1,207,594.
- 2020-2022 STEM for Sustainable Development Goals. (Novo Nordisk Foundation). DKK 2,413,000.

- 2019-2023 New insights on ocean circulation and the fate of organic carbon in the Arctic Ocean. (Independent Research Fund Denmark, Natural Sciences, Research Project 2). DKK 6,078,000.
- 2017 Tracing terrestrial dissolved organic carbon export from the Arctic Ocean (Carlsberg Foundation) DKK 400,000/€53,736.
- 2014-2017 Nordic5Tech PhD project. Joint with Technical University of Denmark & Chalmers University. DKK1,450,000/€194,716
- 2013-2015 Linking the Optical Properties of DOM to its Characteristics and Origins (LOCO). (Independent Research Fund Denmark, Natural Sciences, Research Project 1). DKK2,543,000
- 2012 Oceanographic cruise in 2013: “North Atlantic-Arctic Ocean Coupling: Deep water overflows and surface water outflow”. (Danish Centre for Marine Research) 2,183,000/€293,500. Cruise leader.
- 2011-2012 Optical properties of Greenlandic coastal waters: modelling light penetration in a changing environment. (Greenland Climate Research Centre) DKK759,000/€102,800.
- 2008-2009 Terrestrial organic matter in the Arctic Ocean: Supply, distribution and application to understanding water mass circulation and halocline layer formation (Funded by Carlsberg Foundation). DKK757,000/€101,800.
- 2007 Remineralisation of organic carbon in the marine environment: TOC analyser application (Independent Research Fund Denmark, Natural Sciences). DKK446,000/€60,260.
- 2006-2008 Prediction of light absorption by dissolved organic matter in the coastal zone (U.S. Office of Naval Research). DKK796,000/€107,000.
- 2005-2007 Development of a fluorescence technique for quantitative and qualitative analysis of organic matter (Independent Research Fund Denmark, Technology and Production). DKK1,450,000/€195,000.

Teaching

- Pedagogical qualification: Passed DTU Teaching and Learning Course for University Teachers. Modules 1-4. 2013.
- Teaching: DTU AQUA M.Sc. program. All are 5 ETCS points (¹coordinator; ²co-coordinator):
 - Chemical Oceanography¹ (25327);
 - Topics in Marine Science and Technology¹ (25323);
 - Aquatic Ecosystems and Climate Change² (24325);
 - Ocean Science and Technology² (25104);
 - Aquatic Ecosystem Management 2012-2015² (25318);

Bibliometrics ([Google Scholar](#) or [Publons/WebOfScience](#))

International peer reviewed journal publications (Web of Science): 105.

H-index: 51 (Web of Science); Citations: 13,318 (Web of Science).