

# Curriculum Vitae

## Personal data

**Name:** Dr. Iréne Wählström  
**Date of Birth:** February 6 1963  
**Nationality:** Swedish  
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## Academic Qualifications

2012 Ph.D. in Natural Science, specializing in Marine Chemistry, University of Gothenburg, Sweden. Thesis: *"Fluxes and transformation of carbon in the Siberian shelf seas under changing environment*. Supervisor: Prof. Leif G Anderson, Department of Chemistry and Molecular biology, University of Gothenburg, Sweden

2003 M.Sc. in Marine Chemistry, Department of Chemistry, University of Gothenburg, Sweden

## Employment record since 2003

2015-present SMHI - Swedish Meteorological and Hydrological Institute. Full time researcher at the oceanographic research unit at the Research and Development department

2012-2014 SMHI - Swedish Meteorological and Hydrological Institute, Postdoc at the oceanographic research unit at the Research and Development department

2012 University of Gothenburg. Scientist at Marine chemistry, Department of Chemistry and Molecular biology

2007-2012 University of Gothenburg, Ph.D student at Marine chemistry at the department of chemistry and Molecular Biology

2004-2007 IVL Swedish Environmental Research Institute, analytical chemist

2004 Chalmers University of Technology Project, project employee by Professor Katarina Abrahamsson

2003 University of Gothenburg, project employee by Professor Leif Anderson, Analytical and Marine chemistry,

## Research activities

2023- ICOS – Integrated Carbon Observation System, funded by the Swedish Research Council. Scientist

2022-2023 "Havsmiljö scenario -Arctic Ocean", an in-house funded project. Scientist.

2020-2024 ClimPoll, "Management of cumulative effects of climate change and pollution in coastal seas", funded by the Swedish Environmental Protection Agency. Scientist and work package leader in the project.

2021-2022 "Utilize the Svea Infrastructure", an in-house funded project. Coordinator, project manager and scientist.

2019 "Climate effect in the Arctic Ocean", in-house funded project. Project leader and scientist

2018-2023 ClimeMarine, "Integration of climate-change impacts into the ecosystembased management and planning of the Swedish marine environment", funded by Formas. Coordinator, project leader and scientist.

2018-2020 CERES, "Climate change and European aquatic resources", a Horizon 2020 project. Scientist

- 2018-2019 BONUS Baltic-App, “well-being from the Baltic Sea – applications combining natural science and economics”. Scientist.
- 2016-2017 NFIX, “Estimating Nitrogen Fixation in past and future climate of the Baltic Sea”, funded by Formas. Scientist
- 2016-2017 BONUS BIO-C3, “BIOdiversity Changes-Causes, Consequences and management implications”. Project leader and scientist.
- 2016-2017 BONUS COCOA, “Nutrient COcktails in the COAstal zone of the Baltic Sea”. Scientist.
- 2012-2016 DEFROST, “Impacts of a changing cryosphere-Depicting ecosystem climate feedbacks from permafrost, snow and ice”. Funded by Nord. Postdoc, project leader and scientist.
- 2007-2012 EPOCA, “European Project on Ocean Acidification”. Funded by EU FP7. Ph.D. student.
- 2007-2012 CarboChange, “Changes in carbon uptake and emissions by oceans in a changing climate”. Funded by EU FP7. Ph.D. student.
- 2007-2012 Tellus, the Centre of Earth System Science at the University of Gothenburg. Ph.D. student.

## Scientific grants

Co-applicant to the successful research proposal to the Swedish Environmental Protection Agency, 2020-2024, “Management of cumulative effects of climate change and pollution in coastal seas (ClimPoll)”.

## Other commitments

- 2020-2021 Participated in the international development of the Arctic Ocean Action Plan in support for the UN Decade for Ocean Science.
- 2019 SMHI deputy representative in the reference group for the ICES conference at Svenska Mässan in September 2019.
- 2010-2011 Organized and planned seminars for Ph.D. students with invited internationally scientists.
- 2007-2011 Member of Steering Group Committee for the research program; Tellus - The center of Earth Systems Science
- 2009 Coordinated, organized and contributed text to the Arctic-web at Universeum, the Science Discovery Center in Gothenburg, Sweden: [www.Polaris.se/klimat](http://www.Polaris.se/klimat).
- 2008-2011 Teaching at several courses during my Ph.D., e.g. Basic Chemistry, Marine chemistry, Analytical Pharmaceutical Chemistry, Oceanic carbon system
- 2008 Expedition to the Siberian shelf seas in the Arctic Ocean; “International Siberian Shelf Study 2008” (ISSS-08), where sampling and analyzes of dissolve inorganic carbon, total alkalinity, pH, oxygen and nutrients were performed onboard the Russian vessel Yacob Smirnitskyi.

## Bibliometric summary

In total 553 citations of which 300 are since 2018.

H-index is 11 in total and 11 since 2018.

Source: Google Scholar 2023-10-05.