

# CURRICULUM VITAE

**Name:** Dr. Elin Almroth-Rosell  
**Date of Birth:** 30 September 1977  
**Nationality:** Swedish

## Academic qualifications

Year	Degree
2014	Ph.D. in Marine Chemistry, University of Gothenburg, Sweden
2008	Ph. Licentiate in marine chemistry, University of Gothenburg, Sweden
2002	M.Sci in Marine chemistry, University of Gothenburg, Sweden

## Employment record

2011-	SMHI – Swedish Meteorological and Hydrological Institute. Full time researcher at the oceanographic research unit at the research and development department.
2012	Parental leave
2009-2010	Parental leave
2004 – 2011	University of Gothenburg, Ph.D student at 50 % in marine chemistry at the department of chemistry and Molecular Biology. Title of thesis: “Influence of resuspension on sediment-water solute exchange and particle transport in marine environments”
2004 -2011	SMHI – Swedish Meteorological and Hydrological Institute, part time (50 %) researcher at the oceanographic research unit at the research and development department.
2003-2004	SMHI – Swedish Meteorological and Hydrological Institute. Full time researcher at the oceanographic research unit at the research and development department.
2002-2003	IVL, Swedish Environmental Research Institute, laboratory assistant.
2002	University of Gothenburg, laboratory assistant.

## Research activities

2016-	Researcher and project leader for the SMHI participation in the project “Effect of a natural Baltic oxygenation-deoxygenation cycle on benthic recycling of P, N, Si and C - An in situ observation and modelling study” financed by the Swedish research council. Project period: 2016-2019.
2015 -	Resercher in the Bonus <b>COCOA</b> project, project leader for the SMHI participation and work package leader in work package 5.
2014 -	Resercher in the project <b>COCOA</b> (Nutrient COcktails in COAstal zones of the Baltic Sea) financed by Bonus. Project period: 2014-2018.
2014-	Researcher in the project <b>Bio-C3</b> (Biodiversity changes – causes, consequences and management implications) financed by Bonus.
2014-	Participating in the project “Estimating nitrogen fixation in past and future climates of the Baltic Sea” financed by Formas.
2015-2016	Researcher in the project “Reconstructing and projecting Baltic Sea climate variability 1850-2100” financed by the Swedish research council. Project period: 2013-2015.
2009-2014	Researcher in the project “Impact of accelerated future global mean sea level rise on the phosphorus cycle in the Baltic Sea” financed by Formas.
2005-2007	Researcher in the project <b>BANSAI</b> (The Baltic and North Sea marine environmental modelling Assessment Initiative) financed by the Nordic Council of Minister’s Sea and Air group.
2004-2007	Ph.D. student within the EU-STREP <b>COBO</b> project (Integrating new technologies for the study of benthic ecosystem response to human activity: towards a Coastal Ocean Benthic Observatory).
2004	Ph.D. student within the EU-INTAS program (project no. 2001-0735).
2002-2004	Participating in the EU-project <b>HABILE</b> (Harmful Algae Blooms Initiation and Prediction in Large European Marine Ecosystems)

## Teaching experience

2006 Assisting supervision of the master students Anna Apler and Sara Andersson in Marine Chemistry, main supervisor: Per Hall.

## Miscellaneous

- 2016 Board member of the Swedish Society for Marine Sciences. [www.shf.se](http://www.shf.se)
- 2006 Assisting supervision of the master students Anna Apler and Sara Andersson in Marine Chemistry, main supervisor: Per Hall.
- 2006 A member in the election committee for the Swedish Society for Marine Sciences.

## Oral presentations

Year	Meeting	Authors	Presentation
2016	ECSA 56, Bremen, Germany	<b>Elin Almroth-Rosell</b> , Moa Edman, Kari Eilola, H.E. Markus Meier and Jörgen Sahlberg	Modeling nutrient retention in the coastal zone of an eutrophic sea- a model study in the Stockholm Archipelago and along the Swedish coast
2015	SHF, The Swedish society for marine sciences, Lund, Sweden	<b>Elin Almroth-Rosell</b> , Moa Edman, Kari Eilola, H.E. Markus Meier, Jörgen Sahlberg	Modeling nutrient retention in the coastal zone of an eutrophied sea- a model study in the Stockholm Archipelago, Sweden
2015	ASLO aquatic science meeting, Granada, Spain	<b>Elin Almroth-Rosell</b> , Kari Eilola, Ivan Kuznetsov, Per O.J. Hall, H.E. Markus Meier	Modelling the oxygen dependent benthic phosphate fluxes in the Baltic Sea - A new approach
2014	The 46 <sup>th</sup> International Liege colloquium, Liège, Belgium	H. E. M. Meier, <b>E. Almroth-Rosell</b> , H. C. Andersson, K. Eilola, B. G. Gustafsson, E. Gustafsson, I. Kuznetsov, B. Müller-Karulis, T. Neumann, and O. P. Savchuk	Modelling hypoxia in past and future climates of the Baltic Seas
2011	Ph.D. Dissertation University of Gothenburg	<b>E. Almroth-Rosell</b>	Influence of resuspension on sediment-water solute exchange and particle transport in marine environments
2011	8th Baltic Sea Science Congress, St. Petersburg, Russia	<b>E. Almroth Rosell</b> , K. Eilola, R. Hordoir, M.H.E. Meier, P.O.J. Hall	Transport of fresh and resuspended particulate organic material in the Baltic Sea - a model study
2008	Licentiate seminar, University of Gothenburg	<b>E. Almroth</b>	Effect of resuspension on solute fluxes and organic carbon degradation in marine sediments
2008	University of Gothenburg	<b>E. Almroth</b> , M. Skogen, I. Sehested Hansen, T. Stipa, S. Niiranen, M.H.E. Meier and K. Eilola	Ecological modeling with RCO-SCOB1 in the Baltic Sea- eutrophication assessments and climate impacts
2008	Nordic Council of Ministers, workshop, Helsinki, Finland	<b>E. Almroth</b> , M. Skogen, I. Sehested Hansen, T. Stipa, S. Niiranen, M.H.E. Meier and K. Eilola	Ecological modeling with RCO-SCOB1 in the Baltic Sea- eutrophication assessments and climate impacts
2007	The Swedish society for marine sciences, Tjärnö, Sweden	<b>E. Almroth</b> , K. Eilola, M. Skogen, H. Sjøiland, T. Stipa, A. Kiiatomäki, H. Kaartokallio and I. Sehested Hansen	The year 2005 - An Environmental Status report of the Skagerrak, Kattegatt and the North Sea
2006	The Swedish society for marine sciences, Oslo, Norway	<b>E. Almroth</b> , Anders Tengberg, Anna Apler, Sara Andersson and Per O.J. Hall	Influence of natural and man-made sediment resuspension on water quality – <i>in situ</i> simulation studies in a Scottish Loch
2006	Workshop, Carbon	<b>E. Almroth</b>	PAR-photosynthetically available radiation

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	project, Uppsala, Sweden		
2005	INTAS-final meeting, Helsinki, Finland	<b>E. Almroth</b> , A. Tengberg and P.O.J. Hall	Influence of resuspension on benthic nutrient and oxygen fluxes- <i>in situ</i> studies in the Gulf of Finland.
2005	The Swedish society for marine sciences, Helsingborg, Sweden	<b>E. Almroth</b> , A. Tengberg and P.O.J. Hall	Influence of resuspension on benthic nutrient and oxygen fluxes- <i>in situ</i> studies in the Gulf of Finland.
2004	HABILE annual meeting, Plymouth, Great Britain	<b>E. Almroth</b> and K. Eilola	Do the physics affect the Chatonella?
2004	INTAS annual meeting in Helsinki, Finland	<b>E. Almroth</b> , A. Tengberg and P.O.J. Hall	Effects of sediment resuspension on benthic solute fluxes in the Gulf of Finland.

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