

Curriculum vitae; Rutger Rosenberg (January 2014)

Born: 11 February 1943. *Nationality:* Swedish.

University degrees:

Fil. kand. (\approx B. S.) 1968, Univ. of Lund.

Fil. lic. in zoology 1971, Univ. of Lund.

Ph. D. in zoology (ecology) 1973, Univ. of Lund.

Docent in zoology (assoc. prof.) 1975, Göteborg University

Professor of marine ecology 1986-present, Göteborg Univ. (unanimously ranked first of 9 candidates)

Positions (briefly)

Deputy head of Biol. dept. and adm. head of the Gothenburg department (\approx 70 employees) of the Swedish Water and Air Pollution Research Laboratory (IVL) 1975-78.

Head of department (laborator) at the Institute of Marine Science, Lysekil, 1978-86.

Director of the Göteborg University Marine Research Station at Kristineberg, 1989-93.

Deputy director, department of Marine Ecology, Göteborg University, 1997-2000.

Board member, Göteborg University Marine Research Center, 1991-1994.

Board member, Kristineberg Marine Research Station, 1996-1999.

Board member, department of Marine Ecology, Göteborg University, 1997-2003.

Director of research (“ämnesföreträdare”), rector for Ph D education, and examiner at the department of Marine Ecology 1990-2009.

Principal research leader: “Ecological research in relation to mussel farming”, 1978-83 (\approx 5 scientists participating). Grant from: The Bank of Sweden Tercentenary Foundation.

Principal research leader and board chairman: “The Marine Coastal Zone”, 1980-84 (\approx 12 scientists). Grant from: The Swedish Environmental Protection Agency (SEPA).

Principal research leader and board member: “Marine Eutrophication - Swedish west coast”, 1983-89 (\approx 20 scientists). Grant from: SEPA.

Principal research leader and board chairman: “Large-scale Environmental Effects and Ecological Processes in Skagerrak-Kattegat”, 1990-95 (\approx 40 scientists). Published in 3 special issues of J. Sea Res. vol. 35 (1996), with R.R. as guest editor. Grant from: SEPA.

Board member: “Interactions between Eutrophication and Contaminants in the Aquatic Environment”, 1995-1998 (SEPA/MISTRA).

Chief organiser of the 32nd European Marine Biology Symposium in Lysekil, Sweden, 1997 (280 participants from 30 countries).

Commissions (briefly)

Advisor to the Minister of the Environment, Birgitta Dahl, 1986-87.

Promotor of the Faculty of Natural Sciences, Göteborg University, October 1995.

Member of the Rade the Brest, France, Expert Evaluation Committee, 1992-1997.

Member of the SCOR Working Group 95: Sediment suspension and sea bed properties, 1993-1997.

Member of the faculty board for doctoral education, 2003-2008.

I have been invited speaker and chairman of many national and international conferences (17 outside Sweden), evaluating international scientific research programmes, and proposals and scientific publications (referee, several times a month) and conferences. I have evaluated applications and qualifications for positions as professor (USA: 5 times, UK, Germany and Sweden (Stockholm & Umeå)) and “docent” (assoc. prof.) 6 times, served as opponent/external examiner (8 times outside Sweden) and board member at several doctoral theses, and I have been a member of the editorial board of several journals.

Examination, supervision and guest researchers

I have been chairman and examiner of >50 Ph. D. and 10 licentiat examinations between 1996 and 2008.

Fifteen doctoral students have obtained their Ph. D. under my supervision:

Prof. Leif Pihl (1985), Dr. Peter Möller (1986), Prof. Peter Tiselius (1990), Prof. Susanne Pihl Baden (1991), Dr. Lars-Ove Loo (1991), Assoc. prof. Carl André (1992, assist. superv.), assoc. prof. Mattias Sköld (1996), Prof. Jonas Gunnarsson (1998), Post-doc Lars-Johan Hansson (1998), Dr. Hans Nilsson (1998), Dr. Karin Hollertz (2001), Dr. Erland Lettevall (2003; assist. superv.), assoc. prof. Maria Granberg (2004), Dr. Karin Karlson (2005) and Dr. Karl Norling (2007).

I have supervised five students to reach their fil. licentiate degree:

Anna Bisther (1996), Lars-Johan Hansson (1996), Erland Lettevall (1998, assist. superv.), Eva-Marie Rödström (1999) and Karin Karlson (2003).

By 2006, I have examined >180 students for their master degree and supervised 20.

I was host and successfully applied for guest professor Erik Bonsdorff (2001-2004; NorFa) and professor Alf Norkko (2003-2005, Marie Curie) to be associated with the Department of Marine Ecology, Göteborg University. I was host for post-doc Florian Mermillod-Blondin (France 2002), Trine Bekkby (Norway, 2003-2004), and guest prof. Alf Norkko 2010-2011.

Given the award “Doctor Honoris Causa” (honory doctor) at Åbo Academy University 2011.

Research fields

My research deals with marine ecosystems with emphasis on benthic community structure and function; partly in relation to environmental disturbance (eutrophication, hypoxia and contaminants). Several projects are done in international and interdisciplinary co-operation: biology, chemistry and sedimentology.

Publications and citations

I have published 139 articles in international refereed journals, written/edited 9 books, and >140 articles in Swedish or non-refereed journals/reports. According to Google Scholar Citation, Rutger Rosenberg and co-authors have been **cited >13560 times; H-index is 56.**

According to several citations in international scientific literature, I have contributed to establish the “**Pearson-Rosenberg**” **paradigm** about succession in benthic communities; cited >2620 times, and published Diaz & Rosenberg (2008) in *Science* 321: 926-929 (cited >1260 times).

The publication by Diaz & Rosenberg (1995) in *Oceanogr. Mar. Biol. Ann. Rev.* 33: 245-303 is by far the most cited (>1369 times) monography in the field of marine coastal biogeochemistry (MEPS 294: 9-22 (2005)).