

PERSONAL INFORMATION

Name: **Gesa A. Weyhenmeyer**, Gender: female, ORCID: 0000-0002-4013-2281
Date of birth: 4-Nov-69 (Bonn, Germany); Nationality: Swedish and German
Children: two children (born 2000 and 2001); Maternity leave: 32 months during May 00-August 07
Personal web: <http://weyhenmeyer.weebly.com/>; Wikipedia: https://en.wikipedia.org/wiki/Gesa_Weyhenmeyer

EDUCATION AND ACADEMIC DEGREES

2013, Mar **Distinguished University Teacher** - *Uppsala University, Sweden*
2012, Jul **Professor** of Aquatic Biogeochemistry - *Uppsala University, Sweden*
2003, May **Associate Professor** of Aquatic Ecology - *Swedish University of Agricultural Sciences, Sweden*
1996, Oct **Doctor of Philosophy (PhD)**, Geology - *Uppsala University, Sweden*
1992, May **Bachelor of Science** (Dean's Honors List) - *Trent University, Canada*
1989-1992 Undergraduate studies: *Christian-Albrechts-Univ, Germany* (1989-90), *Albert-Ludwigs-Univ, Germany* (1990-91), *Trent University, Canada* (1991-92)

CURRENT POSITION

since Jul 12 **Professor of Aquatic Biogeochemistry** and since 2013 employed as Distinguished University Teacher - *Dept. of Ecology and Genetics/Limnology, Uppsala University, Sweden*

PREVIOUS POSITIONS

May 09-Jun 12 **Senior Lecturer** in Biology - *Dept. of Ecology and Genetics, Uppsala University, Sweden*
Jan 06-Apr 09 **Research Fellow Post at the Royal Academy of Sciences** - *Dept. of Aquatic Sciences and Assessment, Swedish University of Agricultural Sciences, Sweden*
Oct 99-Dec 05 **Senior Scientist (Environmental Consultant)** - *Dept. of Aquatic Sciences and Assessment, Swedish University of Agricultural Sciences, Sweden*
Mar 98-Sep 99 **Researcher** within the EU-project REFLECT (Response of European Freshwater Lakes to Environmental and Climatic Change) - *Dept. of Limnology, Uppsala University, Sweden*
Nov 96-Feb 98 **Post-Doctoral Researcher** - *Univ. of Western Australia, Perth* (Nov-Dec 96); *Erken Laboratory, Sweden* and visit to *Yigal Allon Kinneret Limnological Lab, Israel* (Jan-Aug 97); *Inst. of Hydrology & Meteorology, Technical Univ. of Dresden, Germany* (Sep 97-Feb 98)
Jun 93-Dec 96 **Research and teaching assistant**; *Dept. of Earth Sciences, Uppsala University, Sweden*

TEN SELECTED AWARDS, HONORS AND PRIZES

1. [Distinguished Alumni Award Recipient](#), Trent University, Canada, 2023
2. Elected [Member of the Royal Society of Sciences at Uppsala](#) (Class of Biology-Medicine), Sweden, 2023
3. [Sustaining Fellow Award Recipient](#) for having sustained excellence in the contributions to the Association for the Sciences of Limnology and Oceanography and the Aquatic Sciences, United States, 2017
4. [Outstanding Women in Academia Award](#), Swedish Research Council/Robert Bosch Stiftung in cooperation with 'Spektrum der Wissenschaft' and Nature, 2017
5. Elected [Life-Member of the Royal Swedish Academy of Sciences](#) (Class for Geosciences), 2016
6. [Pedagogical Prize Recipient](#), Uppsala University, Sweden, 2015
7. Honored, on behalf of King Carl XVI Gustaf, as outstanding scientist to participate in the symposium: Faith in the Future – how science can help in meeting environmental challenges´ at the Royal Palace, Sweden, 2012
8. Honored, on behalf of the InterAcademy Panel on International Issues, as outstanding young scientist, to represent Sweden in IAP/WEF ´Summer Davos´ in Dalian, China, 2009
9. Oral Presentation Recognition for one of the ´most innovative, integrative, and exciting abstracts to create stimulating pairings and groupings that address overarching themes of broad interest to limnologists and oceanographers´, American Society of Limnology and Oceanography, United States, 2007
10. Dean's Honors List for an excellent Bachelor of Science, Trent University, Canada, 1992

Worth mentioning might also be the Nobel Peace prize which was awarded to IPCC in 2007 to which I officially contributed.

REVIEWED INTERNATIONAL PUBLICATIONS AND FUNDING

153 reviewed international publications of which 37 are first/sole author publications; in addition: 39 scientific reports and six other publications including one invited book review, >150 published abstracts and a large variety of popular science publications. Total number of citations: 22,952; h-index: 67, i10-index: 144 according to Google scholar as of Apr 26, 2024 (according to AD Scientific Index 2023 world's top 2%). In total recipient of 28 major research grants (EU, VR, FORMAS, NordForsk, Wallenberg) of which 17 as main applicant.

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

In total: 21 PhD students, all externally funded; 1 ongoing and 20 completed (9 as main supervisor and 12 as co-supervisor), **7 postdocs and 18 Master students**; for names, time periods and thesis titles see <http://weyhenmeyer.weebly.com/>. Student evaluations on supervision skills are usually pleasant, e.g. 'Gesa, who has

been the most helpful, inspiring and enthusiastic supervisor one can imagine'.

SELECTED INTERNATIONAL COMMISSIONS OF TRUST

1. Official reviewer for the 2007, 2013 and 2021 **IPCC reports** and contributing author to Chapter 2 of the IPCC Special Report on the Ocean and Cryosphere in a Changing Climate, published in 2019
2. **Crafoord Prize** Committee Member; since 2018
3. Global Environmental Change (GEC) Committee Member at the Royal Academy of Sciences; since 2018
4. Nomination Committee Member, Association for the Sciences of Limnology and Oceanography, US; 2023
5. Scientific and Organizing Committee Member of the Joint Large Lake Symposium *ELLS-IAGLR 2*; 2020-2022
6. Scientific Committee Member for the ASLO-SFS Joint Summer Meeting in Madison, United States; 2019-2020
7. Member of the Global Lake Ecological Observatory Network ([GLEON](#)); since 2007
8. Reference group member of the National Inventory Programme for Swedish inland waters; 2012-2020
9. Executive Board Member of the [EU C-Cascades project](#); 2015-2018
10. Earth System Sciences Advisory Board Member of the Global Change programme in Austria; 2011-2015
11. Scientific Committee Member of the international conference 'Lake Vänern Ecosystem'; 2011-2012
12. Co-initiator and member of the [Global Young Academy](#); 2009-2012
13. Steering Committee Member of the strong research environment: 'The color of water'; 2009-2015
14. Scientific Committee Member of AMAP-SWIPA; 2009-2011
15. Scientific Committee Member of the international symposium 'European large lakes'; 2008-2010
16. Swedish delegate for the European Climate Change Programme; 2006-2009

SELECTED MAJOR FACULTY/INSTITUTIONAL RESPONSIBILITIES

1. Chair of the Educational Board of Science at Uppsala University; 40% of employment; since Jul 23
2. Vice Chair of the Recruitment Committee of the Faculty of Science and Technology; 40% of employment evaluating candidates for about 70 different positions/promotions per year; 2017-2022
3. Faculty Board Member as teacher representative; 2017-2020
4. Board Member for the Appointment of Excellent Teachers at Uppsala University; 2016-2017
5. Assistant Chair of the Dept. of Aquatic Sciences and Assessment at SLU; 2008-2009
6. Director of Studies for Research Education; Dept. of Aquatic Sciences and Assessment at the Swedish University of Agricultural Sciences; 2008-2009

SELECTED EDITORIAL, REVIEW AND EVALUATION TASKS

1. **Associate editor** for Limnology and Oceanography Letters (previously also other journals); 2016-2022
2. **Referee requests for scientific journals**: 114 different journals reflecting the broad and interdisciplinary nature of my work, incl. Nature, Science, Nature Geoscience, Nature Climate Change, Nature Communications, PNAS, Global Change Biology, Ecology Letters; [Awarded as outstanding reviewer](#), Biogeosciences, 2013
3. **Proposal evaluation requests** for councils in Sweden, Austria, Canada, Denmark, European Union (ERC), Estonia, Finland, Germany, Netherlands, Norway, Spain, UK, US
4. **Engagement in national/international dissertation evaluation committees/faculty opponent**: 20 times

SCIENTIFIC PRESENTATIONS AND OUTREACH

1. Six accepted **plenary talks** in the US, France, Finland and Sweden
2. >70 accepted **invited presentations** in 16 different countries
3. > **150 contributions to international conferences/symposia and a variety of session organizations.**
4. Strong engagement in outreach with various activities, incl. organizing of workshops, writing of newspaper articles, radio and TV interviews; organization of a [large national high school project](#) (participation of >3500 students)

TEACHING AND PEDAGOGICAL ACTIVITIES

1. Distinguished University Teacher (leading pedagogical positions; pedagogical awards; invited pedagogical talks; engagement in pedagogical development work at Uppsala University and Royal Academy of Sciences)
2. During past 32 years teaching and often main responsible for altogether 9 different undergraduate courses (with up to 80 students in a class), 11 advanced level courses and 11 PhD courses/workshops; 10-35% teaching/year

MAJOR CAREER BREAKS

Sep 2021-Dec 2021: medical treatment complications with multiple organ failure but rapid full recovery

Aug 2018-Dec 2019: in total about 4 months of interruption (caregiver of a sick child)

May 2000-August 2007: in total 32 months maternity leave

Oct 1999-Dec 2005: mainly employed as environmental consultant with very limited research activity