

Curriculum vitae

Tranvik, Lars J., born 6 April 1959, Orcid.org/0000-0003-3509-8266, E-mail lars.tranvik@ebc.uu.se

EDUCATION/DEGREES

Docent, Lund University, Sweden, Limnology, 1994
 PhD, 1990, Biology/Limnology, Lund University, Sweden
 MSc, 1984, Biology, Lund University, Sweden

CURRENT POSITION

Professor of Limnology, Uppsala University, since 1999

PREVIOUS POSITIONS

Pre- and postdoctoral research (total ca 3 years) at Max Planck Institute of Limnology (Plön, Holstein (1985-1986), University of Rhode Island (Graduate School of Oceanography, 1986-1987), and Oregon State University (College of Oceanography, 1991-1992)
 Assistant prof, Dept. of Ecology, Lund University (funded by the Swedish NSF) 1990 - 1997
 Part time (20%) associate prof, teaching position, Lund University, 1993 - 1996
 Associate prof, Water and Environmental Studies, Linköping University, 1997 – 1999

FELLOWSHIPS AND AWARDS

The Uppsala University Linnaeus Medal, 2021, <https://www.uu.se/en/about-uu/traditions/prizes/linnaeus-medal/>
 Wallenberg Scholar 2020-2024, <https://kaw.wallenberg.org/en/research/unexplored-dimension-nature-gives-new-climate-insights>
 The 2018 Excellence in Ecology Prize, by the International Ecology Institute (ECI), <https://www.int-res.com/ecology-institute/eci-prize/>
 The 2018 Einar Naumann –August Thienemann Medal, issued by the International Society of Limnology (SIL), “the highest honor that can be bestowed internationally for outstanding scientific contributions to limnology”, <https://limnology.org/naumann-thienemann-medals/>
 Cross-Field Highly Cited Researcher 2018 by Web of Science/Clarivate Analysis, <https://hcr.clarivate.com>
 Sustaining Fellow (2015) of the Association for the Sciences of Limnology and Oceanography (ASLO), <https://www.aslo.org/page/aslo-fellows>
 Thuréus Prize of the Royal Society of Sciences, Uppsala (2015)
 Since 2009, member of the Royal Swedish Academy of Sciences (Class for Biosciences), <http://www.kva.se/en/Members/>
 In 2022, listed as the 4th most cited Swedish scientist in ecology and evolution, <https://research.com/scientists-rankings/ecology-and-evolution/se>

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

Main advisor of 11 completed PhDs, co-advisor of 18. I have normally been main advisor of at most ≈2 graduate students, to be reasonably available. Former students have generally successful careers, in or outside of academia - at least 6 are full or associate professors, one received an ERC consolidator grant, and one received an ERC starting grant.
 Main advisor of 11 postdocs, co-advisor of 4.

UNDERGRADUATE TEACHING

At Uppsala University, undergraduate teaching has overall been ≤10% of my time. Currently lecturing/similar at various courses, and leader of a course on the Baltic Sea environment.

INSTITUTIONAL RESPONSIBILITIES

Director (25% appointment) of the Centre for Environment and Development Studies (CEMUS), a student-initiated, transdisciplinary centre at Uppsala University and the Swedish University of Agricultural Sciences, 2021 - 2022, <http://www.cemus.uu.se/>
 Head of the Department of Ecology and Genetics (limnology, plant ecology and evolution, animal ecology, evolutionary biology), Uppsala University, 2016 - 2020, <http://www.ieg.uu.se>
 Chair of the limnology research program at Uppsala University, 1999-2015 (interrupted 2003-2006 when I was Head (“prefekt”) of the Department of Ecology and Evolution (see below), and again 2022 - <https://www.ieg.uu.se/limnology/>

Dean of the Biology Section, Uppsala University, 2011 – 2014, <https://biology.uu.se/>

Head of the Department of Ecology and Evolution, (limnology, plant ecology, animal ecology, population biology), Uppsala University, 2003 - 2006 (deputy head 2007-2011)

COMMISSIONS OF TRUST AND OTHER INFORMATION

Co-chair of the 2022 congress of the International Society of Limnology (SIL), celebrating its 100th birthday <https://www.sil2022.org/>

Member (2019-2021, and again 2022 -), Scientific Advisory Board, WasserCluster Lunz, a research center shared by the University of Vienna, and two other Austrian universities, <https://www.wcl.ac.at/index.php/en/>

Expert (2021) in the Swedish delegation to the 41st General Assembly of UNESCO

Member (2021 -), program committee of the Swedish National Research Program for Oceans and Waters, <https://formas.se/en/start-page/about-formas/what-we-do/national-research-programmes.html>

Member (2021) of “NT-rådet”, the Scientific Council for Natural and Engineering Sciences of the Swedish Research Council

Board member (2019-2024), Stockholm Resilience Centre (<https://www.stockholmresilience.org>)

Member, 2020 -2024 of the steering committee of ICOS Sweden, a national research infrastructure, operating stations for greenhouse gas measurements, <https://www.icos-sweden.se/>

Chair (2010 - 2016), Committee of the Stockholm Water Prize, <http://www.siwi.org/stockholmwaterprize> (presented as “the world’s most prestigious water award”)

Member (2018-), Scientific Council, the Knut and Alice Wmallenberg Foundation

At the Royal Academy of Sciences, my current main contributions are in the committee for the environment, the selection of the 2019 and upcoming 2023 Crafoord Prize Laureate, <https://www.crafoordprize.se>, and for many years the selection (now chairing) of scholarships from the King Carl XVI Gustaf 50th Anniversary Fund for Science, Technology and the Environment. I was previously chair of the committee for selection of recipients of the academy’s stipends in biology.

Member (2011 - 2017), Advisory Board, Max-Planck Society (MPI for Marine Microbiology, Bremen)

Member of panel for evaluation (2018), Helmholtz Center for Environmental Research - UFZ Leipzig

External evaluator (2016) of the Linneaus University Centre on ”Ecology and Evolution in Microbial Model Systems (EEMiS).

Member (2011), Evaluation Commission, Leibniz-Institute of Ecology and Inland Fisheries, Berlin

Member-at-Large (2009 - 2012), Board of Directors, ASLO (former American Society of Limnology and Oceanography, now the Association for the Sciences of Limnology and Oceanography)

Chair, committee for the A.C. Redfield Lifetime Achievement Award of ASLO (2012-2015)

Scientific advisor (2009 - 2014) of Industrial (Hydro-Québec) Research Chair on boreal aquatic carbon biogeochemistry at UQAM (University of Quebec at Montreal)

Member (2007 - 2009) of the board/scientific council of Formas (the Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning) (deputy member, 2010-2012)

Member of evaluation panels, e.g. Swedish Research Council, at several occasions.

Chair, international evaluation of Swedish Marine Research Centres, the Swedish Research Council, 2004

Frequent peer reviewer for positions, promotion, tenure (Europe, USA, Canada, Africa)

Frequent reviewer for funding agencies (e.g. NSF, NSERC, NERC, several European agencies) and journals (incl., e.g., Science, Nature, PNAS, Nature Geoscience, Nature Climate Change)

Previous associate editor for Aquatic Microbial Ecology, Aquatic Sciences, Limnology and Oceanography Letters, and Ambio.

Member of international evaluation panel (2004) of Departments of Lake Research, River Ecology and Hydrological Modeling in Magdeburg (UFZ Centre for Environmental Research, Leipzig-Halle; Helmholtz Association of National Research Centres)

Visiting scientist at Princeton University, Princeton, New Jersey, USA, November 2014 - January 2015, and Queen’s University, Kingston, Ontario, Canada, November – December 2017.

Field experience, mostly from Scandinavian lakes, but also including, e.g., polar expeditions (British Antarctic Survey, South Georgia, 1992; Tundra Northwest, Canadian high Arctic, 1999).

PUBLICATIONS

As of September 2022, Web of Science (Google Scholar in brackets): Total number of publications: 203, total number of citations: 24,913 (35,584), H-index: 80 (93).

CAREER BREAK: During 1989 to 1995, in total about 12 months of full parental leave.