

CURRICULUM VITAE

Katri Kuuppo

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1. Personal information

Full name: Kuuppo Katri Emma Tuulikki (earlier name Pirjo Tuulikki)

Born: 12.3.1962, Valkeakoski

Marital status: Married, 3 children (born 1986, 1991, 1996)

Nationality: Finnish, Current residence: Finland

2. Academic degrees

1997 Docent (Adjunct Professor), Hydrobiology, University of Helsinki, Finland

1994 Ph.D. (Doctor of Philosophy), Hydrobiology, University of Helsinki, Finland

1990 Ph.Lic. (Licentiate in Philosophy), Hydrobiology, University of Helsinki, Finland

1988 M.Sc. (Master of Science), Hydrobiology and Environmental sciences, University of Helsinki, Finland

3. Other education and special skills

2020 LEAN Six Sigma Black Belt

2019 Certification of Facilitator

2016 Kepner-Tregoe problem-solving and decision-making

2012-2015 Neste leadership training program for managers and team leaders

2012-2014 Various trainings in innovation, product development and business models

2010-2018 Various trainings in communication skills

4. Language skills

Finnish Native or bilingual proficiency

English Full professional proficiency

Swedish Limited working proficiency

German Elementary proficiency

5. Present position

1.6.2020 – present: Consortium Manager, FINMARI Finnish Marine Research Infrastructure, Finnish Environment Institute SYKE, Finland

6. Previous work experience

1.5.2019-31.5.2020 Manager, Innovation ecosystems, Neste Corporation, Finland

1.3.2013-30.4.2019 Manager, Front end Innovation, R&D unit, Neste Corporation, Finland

1.2. 2011-28.2.2013 Team leader, Research analytics, R&D unit, Neste Corporation, Porvoo, Finland

1.4.2008-31.1.2011 Associate of Biotechnology, Porvoo, Finland

1996-2002 Senior Research Scientist, Finnish Environment Institute SYKE, Helsinki, Finland

Project references

2007-2008 European Marine Directives: Concepts, Overlap and Synergy MARCOS, Nordic Council of Ministers

2005-2006 Scientific knowledge for Environmental protection – network of funding agencies SKEP, EU/ERAC

2003-2006 Relationships between ecological and chemical status of surface waters, REBECCA, EU FP6

2002-2004 Transfer and fate of HAB toxins in European marine waters FATE, EU FP5

2002-2004 Detection and analysis of nutrient limitation: impacts of loading on coastal plankton communities across a hierarchy of temporal and physiological-systemic scales, DANLIM, EU FP5
1999-2003 Significance of external/anthropogenic nitrogen for central Baltic Sea N-cycling, SIGNAL, EU FP5 *Principal Investigator*
1999-2003 Design and testing of DNA microarrays to monitor microbial diversity with adequate biodiversity indexes, using cyanobacteria in freshwater as a model system MIDI-CHIP, EU FP5 *Principal Investigator*
1996-1999 Baltic Sea System Study BASYS, EU FP4
1996-1999 Comparative analysis of food webs based on flow networks: effects of nutrient supply on structure and function of coastal plankton communities COMWEB, EU FP4
1990-1995 Finnish Research Programme on Climate Change SILMU, Academy of Finland
1987-1990 Ecological Plankton Research of the Baltic Sea PELAG II

Expert assignments

2007-2008 Development of Marine Indicators in European waters, European Environment Agency EEA, Water Topic Center
2007-2008 HELCOM Eutrophication assessment (EUTRO-PRO)
2007-2008 HELCOM Biodiversity assessment (HELCOM BIO),
2007-2008 Marine Strategy Framework Directive (2008/56/EC) preparation phase, SYKE and Ministry of the Environment,
2004 Programme coordinator in EU FP6 Coordination Action 'SSA-CIRCLE - Climate Impact Research Coordination for a Larger Europe', SYKE and Academy of Finland
1997-1998 Team Leader, SYKE Plankton Ecology Group
1994-1996 Research Scientist, University of Helsinki, Tvärminne Zoological Station, Hanko, Finland (PELAG project)
1990-1994 Research Assistant, Academy of Finland (SILMU project)
1987-1990 PhD student, stipendiate (Walter and Andree de Nottbeck Foundation), University of Helsinki, Tvärminne Zoological Station, Hanko, Finland (PELAG project)

Maternity leaves: 1986-1987, 1991-1992, 1996

7. Own research funding and project leadership

2009-2012 Expansion of new toxic dinoflagellate blooms in the Baltic Sea: sensitivity to environmental change and ecosystem consequence EXESS, Academy of Finland research grant.
2004-2006 Harmful microalgae in the planktonic food web of the Baltic Sea, Maj and Tor Nessling Foundation
2001 Experimental analysis of functional diversity and competition strategies of coastal phytoplankton assemblages - a pilot study', Maj and Tor Nessling Foundation
1997-1999 Food web effects of predation in the pelagic zooplankton community – with special emphasis on the invading cladoceran *Cercopagis pengoi*, Maj and Tor Nessling Foundation.
1990-1992 Research assistant grant, Academy of Finland

8. Awards and honors

None

9. Supervision of academic work

Completed PhD theses: Sanna Sopanen, University of Helsinki 2009, Annika Lagus, University of Turku 2009 (deputy supervisor), Pauliina Uronen, University of Helsinki 2007,

Completed MSc theses: Ari-Pekka Lahti, University of Jyväskylä 2002, Pauliina Uronen, University of Helsinki, 2000 Pia Ryhänen, University of Helsinki, 1998 Johanna Niemivuo, University of Helsinki 1994, Asko Särkelä, University of Helsinki 1994

10. Other scientific and academic merits

Faculty opponent of doctoral dissertations: Priit Zingel, University of Tartu 2001, Anne-Mari Ventelä, University of Turku, 1999

Pre-examiner of doctoral dissertations: Sanna Suikkanen, University of Helsinki 2007, Hermanni Kaartokallio, University of Helsinki 2005

Pre-examiner of PhLic and MSc theses: Titta Lahtinen 2008, Mikko Mukula 2005, Tobias Tamelander 2002, Sanna Kukkonen 1995

Evaluation of scientific qualifications: Per Carlsson, docent title, University of Kalmar 1999, applications for the position of a Senior Lecturer (associate professor) in Marine Ecology, University of Kalmar, 2003

Evaluation of research funding applications: Expert Evaluators panel for Sustainable Marine Ecosystems, EU FP5 2000, EKO-panel of the Research Council for Environment and Natural Resources, Academy of Finland 1999, Natural Environment Research Council (NERC), United Kingdom 1995

Referee in scientific journals: Marine Ecology Progress Series, Sarsia, Environment International, Aquatic Microbial Ecology, ICES Journal of Marine Science, Boreal Environment Research

Other expert duties and professional activities

2009-2012 Member of the Industrial Committee and Member of the Steering Committee, European Algae Biomass Association EABA

2009-2012 Member of the European Biomass Technology Platform EBTP Algae Task Force

2003-2005 Member of the board, Tvärminne Zoological Station, University of Helsinki

2003-2004 External client's scientific advisor in a remediation project for Hartbeespoort Dam, South Africa, Ministry of Foreign affairs Finland (incl visit of 2 weeks)

1998 Visiting scientist at the Windermere Laboratory on Lake Priest Pot, UK (1 month)

1998 Member of the organizing committee of national meeting "Saimaa seminaari"

1995-1996 Secretary general and member of the organizing committee of "International PELAG symposium

1997-2002 International research cruises: project SIGNAL, Gulf of Finland r/v Muikku *cruise leader*, 2002 (1wk), project SIGNAL, Gulf of Finland r/v Aranda, 2001 (1 wk) project BASYS, Central Baltic Sea r/v Baltica, Sweden, 1997 (2 wk) and 1998 (2wk)

11. Teaching at the university level

1988-2004 Course assistant/teacher on field courses of limnology and hydrobiology, University of Helsinki, Tvärminne Zoological Station, Finland

1989-2008 Various lectures at the Dept of Hydrobiology and the Department of Limnology and environmental protection, University of Helsinki,

12. Scientific and social impact of research

40 scientific articles in international journals (source Google scholar)

18 non-refereed articles, book chapters, theses, reports and pedagogic material

13. Societal achievements and positions of trust

None