

# Curriculum vitae

**Mari Walls**

Dr.Phil., Docent

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## Contact information

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## Education and training

- Master of Science (M.Sc), University of Turku, Department of Biology, 1985.
- Doctor of Philosophy (Dr.Phil.), University of Turku, Faculty of Mathematics and Natural Sciences, 1989.
- Post-doctoral studies at Cornell University, Ithaca, NY, USA 1990-1992.

## Language skills

Languages: (1=basic skills, 2=fair, 3=good, 4=very good, 5= excellent)			
	Speaking	Writing	Reading
Finnish (mother tongue)	5	5	5
Swedish (certificate for good skills requested from state officials)	4	4	4
English	5	5	5
German	2	1	3
Spanish	1	1	3

## Current position

- Director of Environmental Research, MTT Agrifood Research Finland (1.1.2006-)

## Professional activities

- Acting Professor in Biodiversity and Environmental Research, Department of Biology, University of Turku (2004-2005), and also acting as the
- Head of the University of Turku Ruissalo Botanical Garden, the Zoological Museum and the Herbarium
- Director of the Center for Environmental Research, University of Turku (2004-2005)
- Programme Director, Finnish Biodiversity Research Programme FIBRE, University of Turku (1997-2002)
- Research Director, Maj and Tor Nessling Foundation, 1995-1997
- COST ESSEM Committee member 2007-
- COST AGRIFOOD Committee vice member 2007-
- Expert Of the EU Standing Committee on Agricultural Research SCAR Foresight Expert Group 07/2006-06/2007.
- Expert appointed by the Academy of Finland for the European Strategy Forum on Research Infrastructures ESFRI 06/2005-06/2006
- Coordinator of a European Commission R&D project on "Urban and semi-urban forestry" with seven partner institutions from Europe and China under the EC Asia Pro Eco -programme for 2005-2006.
- Invited expert for the Sitra Environmental Technology Programme Cleantech 2015+ Forecast, 11/2005.
- Evaluator of the Finnish CDM/JI Pilot Programme by the Ministry for Foreign Affairs, 2005.
- Scientific expert for the Advisory Group by the Academy of Finland on EC FP6, 2002-2007
- Member of the Expert Advisory Group (EAG) on Global Change, Climate and Biodiversity/ EC FP5, 1998-2000; 2000-2002.
- Member of the Finnish Global Change Support Group, nominated by the Academy of Finland, 1997-2000, 2000-2003, 2003-2006.
- Member of the Evaluation Panel for the Canadian Networks of Centers of Excellence NCE NSERC/ Sustainable Forest Management, 11/2000 – 02/2001.
- Member of the Evaluation Panel for the Formas/Sida-SAREC at the Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning, 2005, 2007.
- Member of the drafting group for the ESF (European Science Foundation) EUROCORES Project on Biodiversity (EuroDIVERSITY), 2004.
- Representative of Finland in the OECD Task Force on Biological Resource Centers, since 1999-
- Scientific expert appointed by the Ministry of Education on OECD MegaScience Forum on Global Biodiversity Information Facility GBIF initiative, 1999.

- Representative of Finland in the CBD/SBSTTA/3 and CBD/SBSTTA/4 (Subsidiary Body on Scientific, Technical and Technological Advice/ Convention on Biological Diversity) meeting in Montreal, Canada 1997 and 1999; and COP-4 in Bratislava, Slovakia 1998.
- Representative of Finland in the OECD Hazard Assessment Advisory Body 1993-1995.
- Member of the Maj and Tor Nessling Foundation Scientific Evaluation Panel for 2004 – 2006; 2007-2009.
- Member of the Committee on Coastal Zone Strategy and ICZM nominated by the Ministry of the Environment, 1.6.2004-
- Member, National Biodiversity Committee of Finland, Sub-Committee on Research, Monitoring and Information Systems, nominated by the Ministry of the Environment, 1997-2005.
- Member of the Working Group on Developing Biological Research Methodology for Aquatic Environments, nominated by the Finnish Environment Institute 1994-1995.
- Chair of the thematic group "Natural resources and landscape" drafting the environmental strategy for the southwestern Finland, appointed by the Southwest Finland Regional Environment Centre
- Board Member, the Museum of Natural History, Helsinki University, 2000-2003.
- Board Member, Finnish Forest Research Institute, Suonenjoki Research Station 1996-1998.
- Invited interim coordinator for the Asia-Europe Meeting (ASEM) on Forests and Environmental Conservation, Thematic Network on Natural Forest Conservation, Reserve Planning and Management, 04-12/2002.
- Vice Chair of the Steering Group on the ESR-funded programme on "Forest certification and expert services: future scenarios", 1998-2000.

#### Academic activities

- Chair of the Planning Group of the International Master's Programme MSc in Environmental Sciences at the Faculty of Mathematics and Natural Sciences, University of Turku, 2004-2005.
- Scientific Coordinator for the CIMO North-South Higher Education Programme in the field of Environmental Science between the Universities of Turku, Finland, and La Molina, and San Marcos (Peru), 2004-2006.
- Scientific expert for the Formas/Sida-SAREC evaluation panel at the Swedish Research Council, 2005, 2007.
- Scientific expert evaluating research proposals for the Turku University Foundation, 2005.
- Scientific expert on the evaluation of research proposals for the Swiss Natl Science Foundation, 1999, 2003.
- Scientific evaluator concerning Docentship in Natural Resources Management at the Södertörn University College, Sweden, 2005.
- Scientific evaluator concerning Docentship in Ecology at the Swedish University of Agricultural Sciences, SLU, Sweden, 2005.
- Scientific evaluator for the Docentship on Environmental Sciences at the University of Helsinki, Faculty of BioSciences, 2004.
- Scientific evaluator concerning Docentship in Natural Resources Management at the University of Stockholm in 2001, 2003.
- Scientific expert on the Evaluation Panel for the position of Senior Lecturer in Natural Resource Management, University of Stockholm, Sweden, 1999.
- Official academic opponent at the University of Stockholm (Faculty of Mathematics and Natural Sciences): 05/2002; 06/2004.
- External referee of three Ph.D. theses at University of Jyväskylä and University of Helsinki.
- Scientific supervisor of 13 M.Sc. theses and 7 Ph.D. theses.
- Head of 12 major and several smaller research projects during 1988 – 2007 funded by the Academy of Finland, the Ministry for Agriculture and Forestry, the Ministry for the Environment, Tekes, Maj and Tor Nessling Foundation, Foundation for Research of Natural Resources in Finland and Finnish Cultural Foundation.
- Member of the Editorial Board of Annales Zoologici Fennici 1993 - 1995.
- Invited contributor to UN Millennium Assessment, 2002.

#### External referee for various international journals:

Ecology, Annales Zoologici Fennici, Silva Fennica, Functional Ecology, Oikos, Scandinavian Journal of Forest Research, Boreal Environment Research, Freshwater Biology, Canadian Journal of Fisheries and Aquatic Sciences, Biodiversity and Conservation

#### Memberships in professional societies:

American Society of Limnology and Oceanography, American Society of Naturalists, Ecological Society of America, Finnish Biological Society Vanamo, Finnish Society of Forest Science

#### Research visits abroad (lasting over 1 month)

- Visiting Fellow, Cornell University, Ithaca, NY, U.S.A., 01-05/1988, 01-06/1991, 01-04/1992.
- Field work, University of Washington, Friday Harbor Laboratory, Friday Harbor, WA, U.S.A., several shorter (1-2 month visits) in 1986 and 1988.
- Field work, Fairleigh Dickinson University, West Indies Laboratory, St. Croix, U.S.V.I., 01/1988.
- Field work, Bahamian Field Station, San Salvador, Bahamas, 01-02/1991, 04/1991, 01/1992.
- Scripps Institute of Oceanography, La Jolla, CA, U.S.A., 02/1992.
- Visiting Fellow, University of Washington, Friday Harbor Laboratories, Friday Harbor, WA, U.S.A., 07/1993.

#### Other professional visits

Over 40 research related symposia and congress visits in: Sweden (Uppsala, Stockholm, Lund), Norway (Bergen, Oslo), Denmark (Århus, Copenhagen), France (Paris), Germany (Berlin, Plön), Italy (Rome, Naples), Spain (Madrid), Austria (Vienna), Slovakia (Bratislava), Switzerland (Zurich, Basel, Bern), Belgium (Brussels), Netherlands (Amsterdam), UK (London, Brighton, Norwich, Oxford), Australia (Brisbane, Albury, Adelaide), USA (Berkeley, Ithaca,

La Jolla, Madison, Miami, Milwaukee, Newport, Salt Lake City, Syracuse,), Canada (Montreal, Toronto), Japan (Yokohama, Tokyo), Thailand (Chiang Mai), Venezuela (Caracas), Peru (Lima, Iquitos).

Presentation of scientific papers & posters and participation in international and national scientific meetings

- Over 40 presentations/ invited papers in international congresses and research institutes.
- Participation in over 60 other international workshop meetings/ expert meetings regarding the environmental and agrifood sectors and environmental and agrifood administration.
- Over 50 invited scientific papers/ seminars in Finnish universities and research institutes.

Publications

102 titles (consisting of 44 refereed scientific articles; 3 edited volumes; 6 publications in Finnish, including two edited books; 8 popular articles in Finnish and 41 abstracts and paper/ poster presentations and invited papers).