

## Veijo Kaitala: Curriculum vitae

1. Name: Veijo Tapani Kaitala
2. Degrees: 1977 M. Sc. in Engineering, Systems Theory and Applied Mathematics, Helsinki University of Technology (currently: Aalto University)  
1980 Licentiate in Technology, as above  
1985 Doctor of Technology (major Systems Theory and Applied Mathematics), Dept. General Sciences, Helsinki University of Technology.  
Title of the doctoral thesis: *Game Theory Models of Dynamic Bargaining and Contracting in Fisheries Management*, 50 pp.
3. Docentships: Docent of Ecology and Environmental Management, Department of Ecology and Environmental Sciences, University of Jyväskylä, 2002 - current  
Docent in Applied Mathematics and Systems Analysis, Helsinki University of Technology, 1992 -current  
Docent in Applied Mathematics, in particular Operations Research, University of Oulu, 1992 - current  
Docent in Mathematical Ecology, University of Helsinki, 1987 - current
4. Current position: Professor in Population Biology, Univ. Helsinki, 1.8.2010 --- permanent
5. Earlier positions: Acting Professor in Zoology (Population Ecology), Eläintieteen professor, erityisesti populaatioekologia, Univ. Helsinki 1.8.2003 – 31.7.2010.  
University lecturer in Theoretical Ecology, Yliopistolehtori (Teoreettinen ekologia), Univ. Helsinki, 1.1.2006 -31.7.2010 . On leave of absence.  
Senior Scientist, Varttunut tutkija, Academy of Finland 1.8.2001 - 31.7.2003 (University of Helsinki and University of Jyväskylä)  
Acting Professor of Biology (Ecology and Environmental Management), professori (Biologia, erityisesti ekologia ja ympäristöhoito) 1.8.1997 – 31.7.2002 (on leave of absence 1.8.2001-31.7.2002), University of Jyväskylä
6. PhDs supervised (altogether 20) :  
1996 Jan Lindström, Modeling Grouse Population Dynamics, University of Helsinki  
1998 Mikko Heino, Evolution of age-schedules in reproduction and environmental feedback, Univ. Helsinki  
2000 Janica Ylikarjula, Helsinki University of Technology  
2000 Marko Lindroos Cooperation and conflict in high seas fisheries, Helsinki School of Economics and Business Administration  
2000 David Tesar Evolution of life-histories in stochastic environments: Cole's paradox revisited, Univ. Helsinki  
2002 Anne Luoma Moose hunting in Finland – Management of a heavily harvested population, Univ. Helsinki  
2003 Anu Kettunen Modeling of microscale variations in methane fluxes, Helsinki University of Technology  
2003 Jussi Päivinen Distribution, abundance and species richness of butterflies and myrmecophilous beetles, University of Jyväskylä)  
2004 Mikael Puurtinen Evolution of Hermaphroditic mating Systems in Animals, University of Jyväskylä  
2005 Katja Enberg Sustainable harvesting in variable environment, University of Helsinki

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2008 Teppo Hiltunen Environmental fluctuations and predation modulate community dynamics and diversity. University of Jyväskylä  
2008 Nina Mattila Ecological traits as determinants of extinction risk and distribution change in Lepidoptera, University of Jyväskylä  
2008 Kata-Riina Valosaari Ecological Consequences of Genetic Modifications – An Invasion Analysis Approach, University of Helsinki  
2009 Nils-Arne Ekerhovd Essays on the Economics of Shared Fishery Resources (Institute for Research in Economics and Business Administration, Bergen, Norway).  
2009 Lasse Ruokolainen Ecological communities in variable environments — dynamics and diversity under coloured environmental stochasticity. Univ. Helsinki  
2010 Andreas Linden, Conceptual and statistical modelling of environmental effects in population dynamics. Univ. Helsinki  
2011 Sami Kivelä, Evolution of insect life histories in seasonal environments: polymorphism and clinal variation, Univ. Oulu  
2012 Christoph Meier, The consequences of spatial environmental variability on dispersal and on the spatial distribution of species, Univ. Helsinki  
2015 Marleena Isomaa, Precautionary management of Baltic Sea cod (*Gadus morhua callaris*) under different harvesting and environmental scenarios, Univ. Helsinki  
2015 Jani Anttila: Mathematical models of environmental opportunist pathogen dynamics, Univ. Helsinki

### **7. Scientific tasks related to doctoral training:**

Vice Director of the Centre of Excellence in Evolutionary Ecology, Univ. of Jyväskylä, 2000 – 2005

Member of the Head Group or Supervisor in Graduate Schools in Finland:

1994 – Graduate School of the Management of Natural Populations, Univ. Helsinki;

1995 – Graduate School of Evolutionary Ecology, University of Jyväskylä;

1995 – Graduate School of Systems Analysis, Decision making and Risk Management, Helsinki University of Technology

### **8. Administrative tasks:**

Vice chair, Department of Biological and environmental Sciences, University of Jyväskylä, 1998-2001

Vice chair, Department of Biological and environmental Sciences (Educational matters), University of Helsinki, 2006-2009

Vice chair, Department of Biological Sciences (Educational matters), University of Helsinki, 2010-2013

Acting Chair Department of Biological Sciences, University of Helsinki, 15.7.2012 – 30.9.2012

Vice chair, Department of Biological Sciences, University of Helsinki, 2014-2016

Chairing professor of the Major of Ecology and evolutionary biology, Department of Biological Sciences, University of Helsinki, 2006-2009

Chairing professor of the Major of Ecology and evolutionary biology, Department of Biological Sciences, University of Helsinki, 2010-2013

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Chairing professor of the Division of Ecology and evolutionary biology, Department of Biological Sciences, University of Helsinki, 2014-2016

Member of Research Committee, Faculty of Biological and Environmental Sciences, University of Helsinki, 2014-2016

Member of the Council of the Department of Biological and environmental Sciences, University of Helsinki, 2006-2009

Member of the Council of the Department of Biological Sciences (Educational, University of Helsinki, 2010-2013

Vice member of the Council of the Faculty of Biological and Environmental Sciences, 2014-2016

Vice member of the University Collegium of the University of Helsinki, 2013

Vice member of the University Collegium of the University of Helsinki, 2014-2016

### **9. Most important visits abroad:**

Post-Doctoral Training Abroad: The Universities of California at Berkeley and Davis (24 months 1987 ---1989, 2 months in 1992).

Scientific Long Term Visits: The Royal Swedish Academy of Sciences, The BEIJER International Institute of Ecological Economics, Stockholm (total 19 months in 1992 -- - 93).

NorFA professor (part time 2 months / year) 2002-2006, Oslo University.

Visit to the Ramonafana research station, Madagascar, 2010

Visit to Namibian MINISTRY of FISHERIES & MARINE RESOURCES: NATMIRC 2012

Visit to Namibian MINISTRY of FISHERIES & MARINE RESOURCES: NATMIRC 2014

Visit to Taita Research Station of University of Helsinki, Wundanyi, Kenya, 2015

### **10. Editorial:**

- Editor, Oikos (2004 ---2007), Editor, Ecology letters (2002 - 2004 ), Editor, Evolutionary Ecology (1999 --- 2004); Member of the Board of the Nordic Oikos Society (2000 - 2004); Member of the Board of the Editorial Office (Oikos, Ecography, J. Avian Biology, Ecological Bulletin, Lindbergia 2000 - 2004), Editor-in-Chief, Annales Zoologici Fennici (1998 - 2001); Editor, Ecography (1995 - 1999); Associate Editor, Annals of Dynamic Games (1992-1993);
- Frequent Scientific Reviewer for more than 30 International scientific Journals since the 90's (e.g.

### **11. Selected list of Research Projects and Networks (responsible leader)**

Total funding 1993-2017: 3100 000 Euros + 663 000 NOK

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- 2013 - 2017 project “Opportunistic pathogens: Virulence, disease dynamics, and evolution, Academy of Finland
- 2008--- 2011 project “The Dynamics of Natural and Harvested Populations under Autocorrelated Environments: Theory and Applications”. Academy of Finland
- 2004-2007 Ecological Risks of Gene Manipulation, Academy of Finland
- 2000---2005 Vice Director of the Center of Excellence in Evolutionary Ecology
- 1998---2001 Data Analysis and Modeling in Ecology, Academy of Finland
- 1999---2001 Temporal and Spatial population Dynamics: Modeling and Empirical Testing, Academy of Finland
- 1998---2001 Modeling and Risk Analysis of Small and Endangered Populations, Academy of Finland
- 1996---1999 Finnish Partner in the European Union-research program “The Management of High Seas Fisheries”
- 1996---1999 Nordic Research Network in Conservation Biology, NorFA

### **12. External Scientific Referee for Research Councils**

- European Science Foundation 1997; Swiss National Science Foundation 1997; Academy of Finland 1997, National Environmental Research Council (NERC) 1999, Natural Environmental Research Council (NERC) 2001 (2 times), Wellcome Trust 2001 (once), NERC 2003 (2 times), Norwegian Research Council 2003 (5 times), 2004 (once).
- On request by European Science Foundation (ESF), I have joined the pool of ESF peer reviewers for ESF calls for proposals announced in 2006.
- Expert Member of a committee of FORMAS (Stockholm) for evaluating research applications, 2007 - 2008.