

CURRICULUM VITAE

Professor

JUSSI VILHO KALEVI KUKKONEN

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Date of Birth: June 4, 1962

Place of Birth: Kontiolahti, Finland

Citizenship: Finland

EDUCATION:

Year	Institute	Degree	Field
1981	Kontiolahti Senior High School	Graduation	
1985	University of Joensuu	B.Sc.	Biology
1986	University of Joensuu	M.Sc.	Biology
1991	University of Joensuu	Licentiate of Philos.	Biology
1992	University of Joensuu	Ph.D.	Biology/Ecotoxicology

PhD Thesis in ecotoxicology:

Effects of Dissolved Organic Material in Fresh Waters on the Binding and Bioavailability of Organic Pollutants. University of Joensuu, 1991. (Grade: Eximia Cum Laude Approbatur)

Member of Finnish Academy of Science and Letters. Invited on May 6, 2009.

European Registered Toxicologist awarded by Finnish Society of Toxicology and EUROTOX 19.12. 2012

MILITARY SERVICE:

Oct. 11, 1988 - June 7, 1989 in KarJP (Karelian Jaeger Battalion), Kontiolahti, Finland

Military status: corporal

CURRENT POSITION

PROFESSOR in Ecotoxicology. University of Eastern Finland, Department of Environmental and Biological Sciences, P.O.Box 1627, FIN-70211, Kuopio, Finland. **(Oct. 1, 2019 - present)**

RESEARCH EXPERIENCE:

ACADEMY PROFESSOR (financed by The Academy of Finland), University of Eastern Finland, Department of Biology, Joensuu, Finland. **(Aug. 1, 2005 - July 31, 2010)****SENIOR SCIENTIST** (financed by The Academy of Finland), University of Joensuu, Department of

Biology, Joensuu, Finland. (Aug. 1, 2003 - July 31, 2004)

VISITING SENIOR SCIENTIST, NOAA, Great Lakes Environmental Research Laboratory, 2205 Commonwealth Blvd., Ann Arbor, Michigan 48105, USA (Aug. 1, 2000 - July 30, 2001).

SENIOR SCIENTIST (financed by The Academy of Finland), University of Joensuu, Department of Biology, Joensuu, Finland. (Aug. 1, 1999 - July 31, 2000)

RESEARCHER, (financed by The Academy of Finland/Research Council for Environmental Sciences) University of Joensuu, Department of Biology, P.O.Box 111, FIN-80101 Joensuu, Finland. (Aug. 1, 1993 - Aug. 31, 1995)

VISITING SCIENTIST, NOAA, Great Lakes Environmental Research Laboratory, 2205 Commonwealth Blvd., Ann Arbor, Michigan 48105, USA (March 3, 1992 - July 20, 1993).

RESEARCH ASSOCIATE, (financed by Academy of Finland/Research Council for Environmental Sciences) University of Joensuu, Department of Biology, P.O.Box 111, FIN-80101 Joensuu, Finland. (Jan. 1, 1990 - July 31, 1992).

JUNIOR RESEARCHER, University of Joensuu, Department of Biology, P.O.Box 111, FIN-80101 Joensuu, Finland. (Apr. 1, 1986 - Dec. 31, 1989; time includes several short term contracts of employment).

VISITING SCIENTIST, Environmental Science Division, Oak Ridge National Laboratory, Oak Ridge, TN. (Feb. 1, 1988 - July 31, 1988).

VISITING SCIENTIST, Center for Industrial Research, P.O.Box 350, Blindern, N-0314 Oslo 3, Norway. (March 1, 1987 - May 31, 1987).

RESEARCH TECHNICIAN, University of Joensuu, Department of Biology, P.O.Box 111, FIN-80101 Joensuu, Finland. (Oct. 1, 1984 - March 31, 1989; time includes several short term contracts of employment).

FACULTY POSITIONS AND OTHER TEACHING EXPERIENCE

PROFESSOR in Ecotoxicology. University of Eastern Finland, Department of Environmental and Biological Sciences, P.O.Box 1627, FIN-70211, Kuopio, Finland. (Oct. 1, 2019 - present)

PROFESSOR in Environmental Science. University of Jyväskylä, Department of Biological and Environmental Science, P.O.Box 35, FIN-40014 Joensuu, Finland. (April 1, 2012 - Dec. 31, 2019)

Head of the Finnish Graduate School for Environmental Sciences and Technology, University of Eastern Finland as a coordinating university. (Jan. 1, 2003 - Dec. 31, 2015)

Director of Sino-Finnish Environmental Research Center (SFERC, A joint center with University of Eastern Finland and Nanjing University). (March 25, 2010 - March 31, 2012)

PROFESSOR in Biology, especially in Ecotoxicology. University of Eastern Finland, Department of Biology, P.O.Box 111, FIN-80101 Joensuu, Finland. (Sept. 1, 1998 - March 31, 2012)

ASSOCIATE PROFESSOR in Biology, especially in Ecotoxicology. University of Joensuu, Department of Biology, P.O.Box 111, FIN-80101 Joensuu, Finland. (Sept. 1, 1995 - Aug. 31, 1998)

DOCENT in Ecotoxicology, especially in Aquatic Toxicology, University of Joensuu, Department of Biology, P.O.Box 111, FIN-80101 Joensuu, Finland. (May 11, 1994 - October. 30, 1996)

ASSISTANT in Ecotoxicology, University of Joensuu, Department of Biology, P.O.Box 111, FIN-80101

Joensuu, Finland. (Sep. 1, 1991 - March 17, 1993).

INTERNATIONAL EXPERT ASSIGNMENTS

- 22.-24.3. 2023 Member of the Finnish delegation at UN water conference 2023, New York, USA.
05.03.2015 -2021 **Member of the Panel of Experts for Environmental Disputes, Permanent Court of Arbitration.** The Hague, The Netherlands.
06/2007 External reviewer (member of the panel) of the quality of science in graduate school "Socio-Economic and Natural Sciences of the Environment (SENSE)", The Netherlands
23.2. - 24.3 2000 Member of the international expert team on UNEP/OCHA assessment mission evaluating the environmental effects caused by the mining accident in Baia Mare, Romania. The team was nominated by United Nations.

NATIONAL EXPERT ASSIGNMENTS

- 1.1.2022 -31.12.2024 Chair of the Research Council for Biosciences Health and the Environment of the Research Council of Finland.
1.1.2022 -31.12.2024 Chair of the Subcommittee for Climate Change and Health Academy Programme, Research Council of Finland.
1.1.2022 - 31.12.2024 Vice-Chair of the Subcommittee for Radiation Detectors for Health, Safety and Security Academy Programme, Research Council of Finland
20.9.2020 - 31.3.2021 Member of the scientific support group for renewing of the national chemical program. The group is nominated by the ministry of environment.
1.1.2019 - 31.12.2021 Member of the Research Council for Biosciences Health and the Environment of the Research Council of Finland.
25.2.2019-31.12.2021 Chair of the Subcommittee for Climate Change and Health Academy Programme, Research Council of Finland.
25.2.2019-31.12.2021 Vice-Chair of the Subcommittee for Radiation Detectors for Health, Safety and Security Academy Programme, Research Council of Finland
13.7.2018 -31.1.2019 Chair of the Committee preparing the Climate Change and Health Academy Program.
12.10.2016-28.2.2018 Member of the steering committee for project "INKI" (Coordinated by University of Jyväskylä)
1.1.2016 -31.12.2018 Member of the Research Council for Biosciences and Environment of the Academy of Finland
1.11.2013-29.4.2015 Member of the steering committee for project "FICAM" (Coordinated by University of Tampere)
21.2.2013-30.1.2015 Member of the Advisory Panel to minimize the environmental problems caused by peat mining. Group was nominated by the provincial government of Central Finland.
1.10.2012-31.3.2014 Member of the steering committee for project "TANDEM" (coordinated by Institute for Environmental Research, Univ. Jyväskylä)
21.8.2012-30.6.2014 Member of the steering committee for project "HUMUSVESI" (coordinated by VTT)
04/2010 - 12/2014 Member of the committee for harmful substances. Committee was nominated by Ministry of Agriculture and Forestry to give advice on harmful substances.
2007 - 2009 Chair of the expert board for proposal evaluation of Maj and Tor Nessling Foundation.
9/2007-3/2008 Member of the evaluation committee for the QA/QC system of the University of Helsinki
2004 - 2006 Member of the expert board for proposal evaluation of Maj and Tor Nessling Foundation.
4/2003 - 12/2008 Member of steering committee for Laboratory of Finnish Environment Institute (committee was nominated by Ministry of the Environment)
1994 - present A member of the national advisory group in biotesting. The group is

nominated by the Finnish Environment Institute.

REVIEWER OF SCHOLARSHIP FOR ACADEMIC POSITIONS

- LUT University, Lappeenranta, Finland, Review of Prof. Shichang Kang's scholarship for the Title of Docent in Environmental Change Research. November 2019.
- University of Helsinki, Helsinki, Finland, Review of Dr. Maranda Esterhuizen-Londt's scholarship for the Title of Docent in Ecotoxicology. May 2019.
- University of Eastern Finland, Kuopio, Finland, Review of Assoc.Prof. Amit Bhatnagar's scholarship for full professorship. March 2019.
- University of Helsinki, Helsinki, Finland, Review of Dr. Nan Hui's scholarship for docentship. November 2017.
- Roskilde University, Roskilde, Denmark. Evaluation of the applicants (three altogether) for full professorship with special responsibilities in sediment ecotoxicology. February 2017.
- Stony Brook University, School of Marine and Atmospheric Sciences, Stony Brook, NY, USA. Review of Dr. Anne E. McElroy's scholarship for full professorship. August 2011.
- University of Amsterdam, Faculty of Science, Amsterdam, The Netherlands. Review of Dr. Michiel Kraak's scholarship for associate professorship. March 2011.
- Southern Illinois University, Department of Zoology, Carbondale, Illinois, USA. Review of Dr. Michael Lydy's scholarship for full professorship. October 2006.
- University of Kuopio, Kuopio, Finland. Review of Dr. Maija Pesonen's scholarship for docentship. October 2005.
- Wichita State University, Fairmount College of Liberal Arts and Sciences, Wichita, Kansas, USA. Review of Dr. Michael Lydy's scholarship for associate professorship. August 1998.

OPPONENT (external examiner) FOR PhD THESIS

- Sabrina Roth, 2024, University of Helsinki, Finland
- Riikka K. Vainio, 2022, University of Turku, Finland
- Harri Talvenmäki, 2020, University of Helsinki, Finland
- Sanna Mäntynen, 2018, University of Helsinki, Finland
- Ronja Windfeld, 2017, University of Roskilde, Denmark
- Linus Malmquist, 2013, University of Roskilde, Denmark
- Marleena Hagner, 2013, University of Helsinki, Finland
- Anna Lundqvist, 2011, Swedish University of Agricultural Sciences, Uppsala, Sweden
- Sarah Josefsson, 2011, University of Umeå, Umeå, Sweden
- Thomas Hartnik, 2008, University of Life Sciences, Ås, Norway
- Tuomas Lukkari, 2004, University of Jyväskylä, Finland
- Yin Latt Phyu, 2004, University of Technology, Sydney, Australia
- Maria Granberg, 2004, Göteborg University, Sweden
- Jani Häkkinen, 2003, University of Jyväskylä, Finland
- Paul Gaskell, 2003, University of Sheffield, UK
- Henriette Selck, 2003, University of Roskilde, Denmark
- Marja Keinänen, 2002, University of Helsinki, Finland
- Pirjo Mämmelä, 2002, University of Kuopio, Finland.
- Ghislaine Verrhiest, 2001, University of Savoy, France (member of the committee).
- Eric A.J. Bleeker, 1999, University of Amsterdam, The Netherlands (member of the committee).
- Mikael Björk, 1998, University of Stockholm, Sweden.
- Pirkko Kortelainen, 1994, University of Helsinki, Finland (a member of the examination committee, the other members were Prof. Pertti Eloranta (custos) and Prof. David Brakke (opponent))

PRE-EXAMINER FOR PhD THESIS

- Yaodan Zhang, 2018, University of Eastern Finland
- Ling Li, 2017, University of Helsinki
- Raisa Turja, 2014, University of Helsinki
- Thomas Lilley, 2012, University of Turku

- Anu Kapanen, 2012, University of Helsinki
- Piia Pessala, 2008, University of Helsinki
- Mikko Kiljunen, 2007, University of Jyväskylä
- Pirjo Isosaari, 2004, University of Kuopio
- Petri Porvari, 2003, University of Helsinki
- Jukka Ahtiainen, 2002, University of Helsinki
- Seppo Peuranen, 2000, University of Helsinki
- Anssi Vähätalo, 2000, University of Helsinki
- Esko Martikainen, 1998, University of Jyväskylä
- Soile Juuti, 1997, University of Kuopio

EXAMINER FOR LICENTIATE OF PHILOSOPHY THESIS

- Marjo Paavola, 2005, Åbo Akademi
- Kimmo Hautala, 1999, University of Turku
- Harri Leppänen, 1998, University of Jyväskylä
- Kari-Matti Vuori, 1994, University of Jyväskylä
- Janne Salminen, 1994, University of Jyväskylä

SUPERVISED THESIS (Kukkonen one of the supervisors)

PhD: Tuomo Soininen (UEF, 2025), Mari Lappalainen (UEF, 2018), Hanna Arola (JYU, 2018), Anna Suuronen (JYU, 2017), Yufei Gu (JYU, 2017), Kaisa Figueiredo (UEF, 2017), Juho Rajala (JYU, 2017), Inna Nybom (UEF, 2015), Greta Waissi (UEF, 2015), Päivi Saari (UEF, 2014), Anni Rautio (UEF, 2014), Carrasco Navarro Victor (UEF, 2013), Pakarinen Kukka (UEF, 2013), Agbo Stanley (UEF, 2013), Jantunen Paula (UEF, 2010), Penttinen Sari (2010, Univ. Helsinki), Sormunen Arto (UJO, 2008), Mäenpää Kimmo (UJO, 2007), Korkea-Aho Tiina (Univ. Kuopio, 2007), Tkatcheva Victoria (UJO, 2007), Koponen Petri (UJO, 2007), Ryökkynen Ari (UJO, 2006), Honkanen Jani (UJO, 2004), Lyytikäinen Merja (UJO, 2004), Mustonen Anne-Mari (UJO, 2003), Akkanen Jarkko (UJO, 2002), Nieminen Petteri (Univ. Helsinki, Env.Medicine, 2002), Ritola Ossi (Univ. Kuopio, 2001), Heinonen Jari (UJO, 2001), Nikkilä Anna (JYU, 2001), Ristola Tiina (UJO, 2000), Härmäläinen Heikki (UJO, 2000), Leppänen Matti (UJO, 1999), Penttinen Olli-Pekka (UJO, 1997), Vuori Kari-Matti (UJO, 1995), Mäkelä Petteri (UJO, 1995)

Licentiate: Kostamo Auli (UJO, 2005), Penttinen Sari (UJO, 2002), Punta Eeva (UJO, 2001), Nikkilä Anna (UJO, 2000), Penttinen Olli-Pekka (UJO, 1996), Soimasuo Reino (UJO, 1994), Mäkelä Petteri (UJO, 1992)

Master: 38 thesis

Hosted post-doctoral researchers

Emmanuel Abu-Danso	1.8.2020 - 31.12.2024
Victor Carasco-Navarro	1.7.2020 - present
Hiltunen Minna	1.9.2018 - 31.12.2021
Karjalainen Anna	2014 - 30.4.2018
Vehniäinen Eeva-Riikka	2012 - 2015
Lemmetyinen Juha	2008 - 2010
Petersen Elijah	2007 - 2008
Honkanen Jani	2004 - 2007

ADMINISTRATIVE EXPERIENCE

1.1.2022 - 31.12.2025	2 nd Vice Dean of the Faculty of Science and Forestry, University of Eastern Finland.
1.10.2019 - 28.2.2026	Director of the Research Program UEF WATER RESEARCH . University of Eastern Finland.

1.1.2018 - 30.9.2019	Vice member of the Faculty Council, the Faculty of Mathematics and Science, University of Jyväskylä
1.1.2018 - 30.9.2019	Member of the Board of the Doctoral Program of Department of Biological and Environmental Science, University of Jyväskylä
1.11.2017 - 31.12.2017	Dean of the Faculty of Mathematics and Science, University of Jyväskylä
1.1.2014 - 31.10.2017	Vice Dean of the Faculty of Mathematics and Science, University of Jyväskylä.
1.1.2014 - 31.12.2017	Member of the Steering Board of the University of Jyväskylä Graduate School for Doctoral Studies
1.1.2014 - 31.12.2017	Head of the Doctoral School of the Faculty of Mathematics and Science, University of Jyväskylä.
1.1.2014 - 31.12.2017	Member of the Faculty Council, the Faculty of Mathematics and Science, University of Jyväskylä
1.6.2012 - 31.12.2016	Member of the Board of the Department of Biological and Environmental Science, University of Jyväskylä.
1.6.2012 - 31.12.2016	Head of the Environmental Science and Technology Division, Department of Biological and Environmental Science, University of Jyväskylä.
1.9.2011 - 31.12.2011	Vice-Head of the Department of Biology, University of Eastern Finland
21.4.2011 - 31.3.2012	Member, The Board of Graduate School of University of Eastern Finland.
1.8.2010 - 20.12.2010	Chair of the committee to draft the guidelines for the Graduate School of University of Eastern Finland.
12.2.2010 - 31.3.2012	Vice-member, Research Council of the University of Eastern Finland
1.1.2010 - 31.3.2012	Member (professor) of the Faculty Council, Faculty of Science and Forestry, University of Eastern Finland
25.3.2010 - 31.3.2012	Director of Sino-Finnish Environmental Research Centre
1.1.2003 - 31.12.2015	Head of the Finnish Graduate School for Environmental Sciences and Technology
1.1.2005 - 31.7.2006	Member (professor) of the Faculty Council, Faculty of Mathematics and Science, University of Joensuu
1.1.2002 - 31.7. 2005	Vice-Head of the Department of Biology, University of Joensuu
1.9.2001 - 31.12. 2001	Head of the Department of Biology, University of Joensuu
10.11. 1998 - 31.7.2000	Member, working party for research development and evaluation in Faculty of Mathematics and Sciences at the University of Joensuu (nominated by the dean)
1.8.1998 - 31.12.2004	Vice-member (professor) of the Faculty Council, Faculty of Mathematics and Science, University of Joensuu
1.8.1998 - 31.7. 2006	Member (professor) of the Department Council
1.1.1995 - 31.7.1998	Member (researcher) of the Department Council
1.8.1993 - 31.8.1995	Scientific coordinator, The post-graduate program in ecotoxicology in Finland. The program was funded by the Academy of Finland.
1.1.1983 - 31.12.1985	Member (student) of the Faculty Council

TRAINING ON ADMINISTRATION AND MANAGEMENT

18.9.2014 - 24.4.2015	Participation and completion of the course "Leadership coaching program for vice deans and vice heads of the departments". Organised by Management Institute of Finland (MIF).
April 18-19, 2006	Participation and completion the course "Education in China" held at Nordic Centre, Fudan University, Shanghai, China.
Feb. 28, 2001	Participation in seminar "Managing Change" by Dr. Ben Bissell (LuBen Associates) held in Ann Arbor, Michigan. The focus of the seminar was managing change at work places by understanding the dynamics of change.

CAREER RELATED ACTIVITIES

1.1.2026 - present	Member, Board of Finnish Academy of Science and Letters
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10/2014 - 05/2020	member of the Steering Committee of SETAC Sediment Advisory Group
04/2014 - 11/2015	member of the SETAC Europe Postgraduate Education Programme (SE-PEP) Registration Committee
05/2010 - 05/2014	member of awards committee of SETAC-EU
05/2010 - 05/2011	Immediate past-president, SETAC-Europe
06/2009 - 05/2010	President, SETAC-Europe
01/2009 - 12/2010	Council member, SETAC World Council
05/2008 - 06/2009	Vice-president, SETAC-Europe
11/2005 - 10/2008	SETAC-Word, science committee member
01/2004 - 12/2005	Board member, Finnish Toxicology Society
04/2003 - 05/2011	Council member, SETAC-Europe
03/2002 - 02/2004	President, Finnish Society for Environmental Sciences
03/2000 - 02/2002	Vice-president, Finnish Society for Environmental Sciences
1993 - 1996	Board member, The national humus research group.
1990 - 1991	Board member, The Union for the Researchers in the Academy of Finland

EDITOR for JOURNALS

2018 - present	A member of the editorial board, Springer Nature Applied Sciences
2006 - 2011	A member of the editorial board, Ecotoxicology and Environmental Safety
2004 - present	A member of the editorial board, Luonnon Tutkija (journal in Finnish)
2003 - 2004	A member of the editorial board, Environmental Toxicology and Chemistry
2001 - 2011	A member of the editorial board, Journal of Soils and Sediments
2001 - 2015	A member of the editorial board, Chemosphere
1999 - 2001	A member of the editorial board, Environmental Toxicology and Chemistry

INTERNATIONAL REVIEWER for GRANT PROPOSALS

02/2011	Research project proposal, Discovery Grants Program, Research Council of Canada
06/2006	Research project proposal, Deutsche Forschungsgemeinschaft, Germany
07/2004	Hatch project proposal, Ohio Agricultural Research and Development Center, Ohio State University
06/2003	The Royal Society of New Zealand, Marsden Fund
03/1999	German Research Association
10/1998	The Estonian Science Foundation

INVITED PRESENTATIONS

April 2023	Invited lecture: Environmental fate of microplastics. NorthTox 2023. 20.-21.4.2023 Stockholm, Sweden
Sept. 2019	Invited lecture: Environmental Fate of Nanoparticles (in Finnish). Seminar on nanosafety. 12.9.2019 Helsinki.
May 2016	Keynote lecture: Challenges of Environmental Toxicology for the Future of Globe. Finnish Society of Toxicology, Annual Meeting, 11.-12.5.2016, Oulu, Finland.
July 2013	Keynote lecture: Sediment contact tests: Useful tool for analysing sediment quality. International Conference on Environmental Safety and Ecological Criteria/Standard and The Third Conference of the Committee of Environment & Ecology Toxicology, Chinese Society of Toxicology, and 2013 Conference of the Committee of Environmental Standards & Criteria, Chinese Society for Environmental Sciences. 29.6.- 2.7. 2013, Nanjing, China.
Jan. 2012	Invited lecture: Ecotoxicology and nanomaterials: Do we need ecotoxicological testing. Environmental management and sustainable use of nanocellulose workshop 17.-18.1.2012. Finnish Environmental Institute, Helsinki Finland.
Oct. 2011	Invited lecture: Aquatic effects and fate of nanomaterials in the Nordic environment. Nordic NanoNet Workshop for researchers and regulators on safety evaluation of nanomaterials and Nordic discussion on EDC criteria. Oct. 11-13. 2011, Hanasaari, Espoo, Finland.

- March, 2011 Invited lecture: Nanoparticles - A potential risk to aquatic environment. International Workshop on Emerging Contaminants: Environmental Fate and Ecological risk Assessment. Feb. 28 - March 2, 2011. Nanjing University, Nanjing, China.
- July, 2010 Keynote lecture: Sediment pollution ecotoxicity assessment with the oligochaete *Lumbriculus variegatus*. The Workshop of Sediment Pollution Assessment & Remediation in Multiple Countries. July 6-7, 2010, Newcastle University, Newcastle, UK.
- April, 2010 Invited lecture: Environmental stress caused by chemicals. HENVI Science Day, University of Helsinki, 22 April, 2010.
- Sept. 2009 Invited lecture: Bioavailability of organic contaminants in aquatic environment. REP-LECOTOX 2nd Workshop, Trends in Ecological Risk Assessment. 21-23 September 2009, Npvi Sad, Serbia.
- June 2009 Keynote: Bioactive chemicals: assessment of emissions and exposures in aquatic ecosystems. 7th International Conference on Fate and Effects of Pulp & Paper Mill effluents and 9th IWA Symposium on forest Industry Wastewaters. 14-17 June 2009, Fredericton, New Brunswick, Canada
- Jan. 2009 Seminar: Bioavailability of organic compounds in aquatic environments. Invited presentation at Texas Tech University (Invited by Prof. Jonathan Maul).
- Nov. 2008 Keynote: Evaluation of Bioavailability and Toxicity of Chemicals in Sediments. Sediment Contact Tests Reference conditions, control sediments, toxicity thresholds 13-14 November 2008 in Koblenz, Germany.
- 11.12.2006: Seminar: Evaluation of Toxicity and Bioavailability of Chemicals in Sediments: Methods for Laboratory and Field Applications. Invited presentation at Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Berlin, Germany. (Invited by Dr. Stephan Pflugmacher).
- April 2006: Seminar: Bioavailability of Organic Chemicals in Sediments. Invited presentation to the faculty and PhD students at Fudan University, Shanghai, China.
- Nov. 2005: Seminar: Bioavailability of Organic Chemicals in Sediments. Invited presentation to the faculty and PhD students at Queen's University, Kingston, Ontario, Canada. (Invited by prof. Peter Hodson).
- June 2005 Keynote: Natural Organic Material and Bioavailability of Organic Contaminants in Aquatic Environments. Invited keynote presentation at: 10th Nordic IHSS Symposium on Character of Natural Organic Matter and its Role in the Environment. June 1 - 3, 2005 University of Latvia, Riga, Latvia.
- Oct. 2002 Testing of bioaccumulation of sediment-associated compounds in invertebrates. Fifth Nord-UTTE Network Meeting: The future EU chemicals policy and implications for development of test methods and testing strategies. 30.9. - 2.10. 2002, Smygehus, Sweden.
- Jan. 2001 The bioavailability of organic contaminants in aquatic ecosystems. Invited presentation at NordTOX2001, 6th Nordic Conference of the Nordic Societies of Toxicology and Environmental Mutagenesis, Beito Mountain Resort, Norway, 24.-28.1. 2001.

ORGANIZED NATIONAL AND INTERNATIONAL COURSES AND MEETINGS

- Oct. 30-31, 2025 5th International Conference for Sustainable Resource Society - ICS23. University of Eastern Finland. (Member of the organizing committee).
- Oct. 31- Nov.1, 2024 34th International Conference for Sustainable Resource Society - ICS23. University of Eastern Finland. (Member of the organizing committee).
- Nov. 2-3, 2023 3rd International Conference for Sustainable Resource Society - ICS23. University of Eastern Finland. (Chair of the organizing committee).
- May 26-30, 2019 SETAC-Europe 29th Annual Meeting, Helsinki, Finland. (Co-chair of the Scientific committee and co-chair of the local organizing committee).
- Aug. 18-22, 2014 PhD course on Environmental fate and possible effects of nanoparticles: background and laboratory exercises. University of Jyväskylä Summer School. (main organizer).
- Aug. 12-15, 2013 PhD course on Environmental Fate and Possible Effects of Nanoparticles.

	University of Jyväskylä Summer School. (main organizer)
May 7-8, 2013	ECHA Topical Scientific Workshop on Risk Assessment for the Sediment Compartment. (Member of the scientific committee).
Aug. 21-23, 2011	The 2nd conference of the Sino-Finnish Environmental Research Centre (SFERC) on challenges of environmental research and management. Joensuu, Finland (Chair of the organizing committee).
Feb 7-10, 2011	6th International Conference on Remediation of Contaminated Sediments. New Orleans, Louisiana, USA (member of the steering committee).
Nov. 2-5, 2009	4th SETAC-Africa meeting, Kampala, Uganda. (member of International Advisory Committee)
May 14-15, 2009	Ninth Finnish Conference of Environmental Sciences, Lahti, Finland. (Member of the scientific committee).
Sept. 1-4, 2008	Old sins and new threats in aquatic environments: Utilization of advanced on-site methods in monitoring and risk assessment of organic contaminants. Course for Marie-Curie Network KEYBIOEFFECTS and EU-project MODELKEY. (Chair of the organizing committee)
June 10-13, 2007	IHSS 11th Nordic-Baltic Symposium. Joensuu, Finland. (Chair of the scientific committee, member of the organising committee)
May 22-26, 2005	SETAC-Europe 15th Annual Meeting, Lille, France. (member of the scientific committee).
Aug. 16-21, 2004	Remediation and assessment of sediments contaminated by xenobiotic chemicals, Jyväskylä, Finland (in cooperation with prof. A. Oikari)
Aug. 25-29, 2003	Quantitative Methods in Ecotoxicology (course lectured by prof. M.C. Newman and financed by the graduate school EnSTe, University of Joensuu.
May 8-9, 2003	Sixth Finnish Conference of Environmental Sciences. Joensuu, Finland. (Chair of the organising committee)
May 18-19, 2001	Fifth Finnish Conference of Environmental Sciences. Turku, Finland. (member of the organising committee)
June 13-23, 1999	Course in Aquatic Ecotoxicology of Boreal Lakes. An international postgraduate course financed by NorFA. University of Joensuu (Chair of the organising committee)
May 25-29, 1998	Quantitative Methods in Ecotoxicology (course lectured by prof. M.C. Newman and financed by graduate school "Integrated Aquatic Hazard Assessment"), University of Joensuu.
Aug. 25-28, 1997	7th Nordic Symposium on Organic Pollutants. Kuopio, Finland. (member of the organising committee)
June 9-12, 1997	6th Nordic Symposium on Humic Substances. Hämeenlinna, Finland. (member of the organising committee)
April 6-10, 1997	7th Annual Meeting of SETAC-Europe. Amsterdam, The Netherlands. Session chair with Dr. A. Belfroid.
May 20-27, 1995	Course in Freshwater Ecotoxicology. An international postgraduate course financed by NorFA. Siikasalmi Research Station, University of Joensuu (with Prof. Oikari, Dr. Holopainen and Dr. Lindström-Seppä).
Oct. 11-13, 1994	Modelling in Ecotoxicology. A national workshop and graduate course financed by The Academy of Finland.
May 9-19, 1994	Tradition and Recent Advances in Aquatic Ecotoxicology. An international postgraduate course. Siikasalmi Research Station, University of Joensuu (with Dr. Holopainen and Dr. Pellinen).
Oct. 17-18, 1991	9th National Meeting on Physiology and Physiological Toxicology of Aquatic Organisms. Mekrijärvi Research Station, University of Joensuu, Finland. (member of the organising committee)
Sept. 11-14, 1989	3rd Nordic Symposium on Organic Environmental Chemicals. Huhmari, Finland. (member of the organising committee)
Apr. 4-5, 1986	National Symposium on Toxicology; Reproductive Toxicology & Ecotoxicology. Joensuu, Finland. (member of the organising committee)

AWARDS etc.

Dec. 6, 2024 Knight, First Class, of the Order of the White Rose of Finland

March 26, 2015 Silver Medal of Federation of Finnish Learned Societies for 20 years academic service.

May 18, 2011 SETAC-Europe Special Award. "In recognition of outstanding contributions to the Society of Environmental Toxicology and Chemistry"

2009 Elected Member of the Finnish Academy of Science and Letters

June 21, 1993 Joensuu City Science and Research Award

Recognition for excellent PhD thesis: 10,000 FIM

June 7, 1989 Infantry Foundation Medal, Karelian Jaeger Battalion

RESEARCH GRANTS etc.

Prof. Kukkonen has been a project leader in several national and international projects/functions

- The total sum of different grants for prof. Kukkonen since 1996 is 9 milj.€

KNOWLEDGE OF LANGUAGES:

Finnish: First language

English: Second language

Swedish: Third language (certificate March 26, 1986, "good spoken and written Swedish")

German: Forth language

SOCIETY MEMBERSHIPS:

American Society for Testing and Materials

Finnish Society for Environmental Sciences

Finnish Toxicology Society

Society of Environmental Toxicology and Chemistry

Scientific and societal impact of research

Scientific and societal impact of research

a) Career record of accomplishment

I have strong experience in coordinating and leading research, as well as in planning research, executing and reporting research. I have been awarded several national and international research grants from European Union, Academy of Finland, TEKES and different private foundations.

My publication record is strong as shown below:

From Web of Science on Feb. 17, 2026, for prof. Kukkonen:

Number of publications 214

h-index 45

Sum of times cited 6623

b) Scientific communication, science popularization and public outreach (some examples, mostly in Finnish)

25.10.2024. Tiedeykkönen (Science program). Interview by YLE radio (national broadcasting

company) about micro and nano plastics. About 25 min. interview. Podcast:

<https://areena.yle.fi/podcastit/1-71710835> (in Finnish).

27.9.2022. Interview by newspaper Helsingin Sanomat about accumulation of microplastics in food webs.

15.9.2022. Interview by YLE (YLE, national broadcasting company) about accumulation of microplastics in food webs.

12.8.2022. Interview by newspaper Iltalehti about quality of drinking water and rainwater in Finland.

8.12.2020. Interview by YLE Savo (Regional office of YLE, national broadcasting company) about potential environmental effects of chemicals in cleaning products.

11.9.2020 Interview to newspaper Savon Sanomat about interdisciplinary water research at UEF.

4.9.2020 UEF Cafe Smart - tiedekahvila. Streamed live discussion about water research and microplastics in water. Audience was able to make question during the broadcasting. In Finnish https://www.youtube.com/watch?v=OIE9nGPj_hs (logo in the beginning, broadcasting starts at 4:08 min).

6.7.2020 Interview by YLE radio (YLE Suomi, national broadcasting company) about microplastics and role of microbes in degradation of plastics.

14.8.2019. As part of the international Jyväskylä summer school, open lecture for general public on the sources and impacts of microplastics in the environment.

28.6.2018. Interview to newspaper Keskisuomalainen about plastics.

27.3.2018. Presentation "Uusia menetelmiä fosforin ja metallien talteenottoon ja kierrätykseen". Also panel member for the final discussion in the seminar "Kiertotalouden merkitys nyt ja tulevaisuudessa". Saarijärvi, Tarvaala. Pohjoisen Keski-Suomen oppimiskeskus POKE.

11.10.2016. Interview by newspaper Saarijärveläinen: Kemikaalit ympärillämme.

28.9.2016. Interview by newspaper Koillissanomat: Jätevedenpuhdistamo päästää lääkkeit läpi - Professori rauhoittelee: "Koillismaan ja koko Suomen etuna hyvin rakennettu infra"

28.9.2016. Presentation "Muovit, hormonit ja muut ihmisjätteet vesistöissämme". Ikääntyvien yliopisto. Jyväskylä.

27.3. 2014. Presentation "Vesistöjen tila Suomessa". Vesitalouspäivät. Saarijärvi, Tarvaala. Pohjoisen Keski-Suomen oppimiskeskus POKE.

24.10.2013. Presentation "Vesistöjen tila Suomessa nyt ja tulevaisuudessa". Luonto- ja ympäristöalan ajankohtaiset asiat -seminaari. Jyväskylä. Helsingin yliopisto, Ruralia-instituutti ja Pohjoisen Keski-Suomen oppimiskeskus POKE.

19.7.2011. Interview by YLE radio (national broadcasting company) about sun blockers and their potential environmental effects.