

## Markku Kanninen

Professor emeritus of Tropical Silviculture  
University of Helsinki, Viikki Tropical Resources Institute (VITRI)  
P.O. Box 27  
FI-00014 University of Helsinki  
Finland  
Tel. +358 50 4486 133  
E-mail: [markku.kanninen@helsinki.fi](mailto:markku.kanninen@helsinki.fi)  
ORCID: 0000-0002-5708-9443  
CV compilation date: January 20, 2022



### PROFILE

**Dr. Markku Kanninen** is an expert in land use, climate change, sustainable development, forest ecology and management in the Tropics. He has published over 300 publications, including over 100 internationally peer-reviewed scientific articles. He holds a Dr.Sc. degree from the University of Helsinki, Finland. He has been involved in tropical forest research for about 40 years. He has worked as the Director of the Environmental Services and Sustainable Use of Forests Program of CIFOR (2003-2010); Deputy Director General of CATIE (Costa Rica) (1996-2003); and as the Director of The Finnish Research Program on Climate Change (1990-1995).

He has been involved in science policy dialogue on forests and climate change for more than 30 years. He has been actively involved in the work of the Intergovernmental Panel on Climate Change (IPCC) since 1990. Recently, he was a Lead Author of the IPCC Special Report on 1.5 Degrees, and member of the 15-person Finnish Climate Panel (2011-2019). He is a member of the Finnish Academy of Sciences and Letters. He received the Nobel Peace Prize as a member of the IPCC in 2007.

### Degrees

Doctor of Science (Forestry), University of Helsinki, 1985  
Licentiate of Science (Forestry), University of Helsinki, 1982  
Master of Science (Forestry), University of Helsinki, 1977  
Forester, University of Helsinki, 1977

### Language skills

Finnish (mother tongue), English (excellent), Spanish (excellent), Bahasa Indonesia (good), Swedish (good), German (some), Portuguese (some).

### Living and working abroad

Indonesia (10 years), Costa Rica (7 years), USA (9 months, post doc), Mexico (9 months, exchange student).

### Expertise

Climate change, land use, sustainable development, tropical forests in the context of climate change adaptation and mitigation.

### Employment history (past 30 years)

2010-2020 Professor of Tropical Silviculture and Director, Viikki Tropical Resources Institute (VITRI), University of Helsinki, Department of Forest Sciences (Finland).  
2003-2010 Director, Environmental Services and Sustainable Use of Forests Program, Center for International Forestry Research - CIFOR (Indonesia).  
2002-2003 Deputy Director General, CATIE-Tropical Agriculture Research and Higher Education Centre (Costa Rica).  
1996-2001 Director, Research Program, CATIE-Tropical Agriculture Research and Higher Education Centre (Costa Rica).  
1990-1995 Director, The Finnish Research Program on Climate Change (SILMU) (Finland).

### Selected international experience (past 30 years)

2017-2018 IPCC, Lead Author (Chapter 5) of IPCC Special Report on 1.5 Degrees.  
2008-2017 UNFCCC Adaptation Fund Board, Member of the Board.

2011-2014	IUFRO: Chair of the Climate Change Task Force.
2006-2010	CPF - Collaborative Partnership on Forests - Joint Initiative on Science and Technology. Member of the Steering Committee.
2006	IPCC, Reviewer of 2006 IPCC Guidelines for National Greenhouse Gas Inventories.
2002-2003	IPCC, Lead Author (Chapter 4.3) of IPCC Good Practice for Land-Use, Land-Use Change and Forestry.
2001-2010	IUFRO: World Forests, Society and Environment (WFSE), Special Project. President, Scientific Advisory Council.
1994-1995	European Union/DG XII. Programme Committee of the Research Programme on Environment and Climate, Representative of Finland.
1994-1995	European Union/DG XII. ENRICH Council (European Network In Global Change Research), Representative of Finland.
1992-1993	Ministerial Conference on the Protection of Forests in Europe, co-chair of the working group on "Strategies for a process of long-term adaptation of forests of Europe to climate change".
1992-1993	Member of the IPCC/OECD Expert Advisory Group on forestry and land use in inventories of net greenhouse gas emissions.
1992-1993	IUFRO. Member of the task force "Forest, climate change and air pollution".
1991-1995	IPCC WG III, Representative of Finland.
1991-1995	Intergovernmental Negotiating Committee for a Framework Convention on Climate Change (INC): member of the delegation of Finland
1990-1993	IPCC WG III, Agriculture and Forestry subgroup, Representative of Finland.

### **Other professional activities**

#### **International executive positions & membership in committees and panels**

2013-2017	European Forest Institute (EFI), Member of the Scientific Advisory Board
2006-2010	CPF - Collaborative Partnership on Forests - Joint Initiative on Science and Technology. Member of the Steering Committee.
2001-2010	IUFRO: World Forests, Society and Environment (WFSE), Special Project. President of the Scientific Advisory Council.
1994	European Union/DG XII. Member of the international evaluation team for the ex-post evaluation of Research Programmes STEP and EPOCH (1989-1993).
1993	Sweden. The Royal Academy of Sciences. Member of an international evaluating committee for the evaluation of environmental research in Sweden.
1991-1995	Nordic Environmental Research Programme: member of the expert committee on climate change research.

#### **Expert in development projects (past 35+ years)**

1982-2000 (short-term)	In total approximately 36 months of field work as short-term expert in project evaluation, planning and implementation in the following countries: Brazil, Mexico, Nepal, Nicaragua, Burkina Faso, Sierra Leone, SADC Region in Southern Africa (regional), Central America (regional).
---------------------------	---

#### **Scientific journals& books**

2012-2017	The Earthscan Forest Library (Routledge), Series Editor
2004-2007	Forest Ecology and Management, Member of the Editorial Advisory Board
1985-1990	Acta Forestalia Fennica and Silva Fennica, Editor-in-Chief

#### **Executive and expert positions in Finland**

2017-2020	University of Helsinki, Faculty of Agriculture and forestry, Faculty Council, Member
2017-2019	Master's Program of Forest Sciences, University of Helsinki, Director
2011-2019	The Finnish Climate Panel, Member

#### **Other qualifications**

2007	Nobel Peace Prize – a as member of the IPCC, Intergovernmental Panel on Climate Change.
2004	Invited to be a member of the Finnish Academy of Science and Letters.

**PUBLICATIONS**

Google Scholar: h-index 48, i10-index 144, 12524 citations (January 2022).

In total, 382 publications:

**Scientific publications**

Original papers in refereed scientific journals	109
Books and monographs	35
Chapters in books	62
Papers in conference proceedings	59
	<b>265</b>

**Other publications**

Papers in technical (trade) journals	38
Development or research reports	40
Articles in periodicals, magazines and newspapers	22
Textbooks, manuals & academic reports	11
Computer software & on-line courses and materials	6
	<b>117</b>

Complete list of publications:

<https://blogs.helsinki.fi/kanninen/files/2022/01/Kanninen-List-of-Publications-2022.pdf>

Google Scholar:

<https://scholar.google.com/citations?user=4kKnU0oAAAAJ&hl=en>

(January 2022)