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## Curriculum vitae

Dr. Markku Kanninen is Research Director and Professor Emeritus at the Department of Forest Sciences of the University of Helsinki, Finland. He is an expert in tropical forestry, climate change, forest ecology, and forest management. He has published over 350 publications, including over 100 internationally peer-reviewed scientific articles.

He has been involved in tropical forest research for about 40 years. Prior to his current position, he was Director of Viikki Tropical Resources Institute (VITRI) (2010-2020); 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 earlier 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, and he has been actively involved in the work of the Intergovernmental Panel on Climate Change (IPCC) since 1990. He was a Lead Author of the recent IPCC Special Report on 1.5 Degrees. From 2011 to 2019, he was member of the Finnish Climate Panel.

Since 2004, he has been a member of the Finnish Academy of Sciences and Letters. He contributed to the Nobel Peace Prize 2007 for Intergovernmental Panel on Climate Change (IPCC).

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## **Projects**

### **CLIDEV: Strengthening Climate Change Education for Sustainable Development in Vietnam**

Yirdaw, E. (Principal Investigator), Chakma, D. (Project manager), Hogarth, N. (Participant), Monge Monge, A. A. (Participant), Bui, C. (Participant), Webb, E. L. (Participant), Siddall, R. (Participant), Kanninen, M. (Participant), Kaislasalmi, E. E. (Participant), Ylinen, I. K. M. (Participant) & Starr, M. (Participant)  
01/09/2020 → 31/08/2024

### **The impact of habitat regulatory policies on ecological protections and rural livelihoods: The case of giant panda protected areas in China**

Hogarth, N. (Principal Investigator) & Kanninen, M. (Principal Investigator)  
01/01/2018 → 31/12/2022

### **FORHEAL: Forestry Higher Education Advancement in Laos**

Kanninen, M. (Principal Investigator), Chakma, D. (Project manager), Hogarth, N. (Participant) & Monge Monge, A. A. (Participant)  
01/10/2017 → 31/08/2021

### **HEI ICI PARFORM: Partnership for Forestry Higher Education Cooperation in Mekong Region**

Kanninen, M. (Principal Investigator), Chakma, D. (Project manager), Yirdaw, E. (Participant), Hogarth, N. (Participant), Monge Monge, A. A. (Participant), Lakkala, M. (Participant), Ilomäki, L. (Participant), Starr, M. (Participant), Siddall, R. (Participant) & Rekola, M. (Participant)  
01/03/2017 → 30/03/2020

### **Climate-smart bioeconomy, Sub-Project 2: Comparison of models on forest carbon stock development**

Kanninen, M. (Principal Investigator) & Kalliokoski, T. (Project manager)  
01/01/2018 → 30/06/2019

### **FinCEAL+ Continuation: Developing Finnish Science, Technology and Innovation Cooperation between Europe, Africa, Asia and the LAC Region**

Kanninen, M. (Principal Investigator) & Ekroos, K. (Project manager)  
15/11/2016 → 31/03/2019

### **Economically viable forest production in smallholder plantations of Central-Vietnam in the context of developing carbon markets**

Arvola, A. M. (Project manager), Kanninen, M. (Principal Investigator) & Malkamäki, A. (Co-Principal Investigator)  
01/09/2018 → 31/03/2019

### **Intergovernmental Panel on Climate Change (IPCC) Special Report on 1.5 Degrees**

Kanninen, M. (Project manager)  
01/01/2017 → 31/12/2018

### **Hiilifiksu järjestö (Climate-smart NGO)**

Kanninen, M. (Principal Investigator) & Jaurimaa, A. K. (Project manager)  
01/05/2018 → 30/11/2018

### **GET-LDC: Green Economy Transitions in the Least Developed Countries**

Kanninen, M. (Principal Investigator), Kallio, M. (Participant), Chakma, D. (Participant) & Hogarth, N. (Participant)  
SUOMEN AKATEMIA  
01/09/2014 → 31/08/2018



**BIODEV: Building Biocarbon and Rural Development in West Africa (BIODEV) VITRI component**

Kanninen, M. (Principal Investigator), Kalame, F. B. (Project manager) & Etongo Bau, D. (Participant)  
01/01/2013 → 31/12/2017

**CIFOR: Carbon, biodiversity and climate adaptation: Carbon, biodiversity and climate adaptation: trade-offs at the landscape scale**

Kanninen, M. (Project manager) & Larjavaara, M. (Principal Investigator)  
01/06/2016 → 31/12/2017

**HEFSESE: Higher Education for Food security and Environmental Sustainability in Eritrea (HEFSESE)**

Kanninen, M. (Principal Investigator), Elfadl, M. (Project manager), Lakkala, M. (Other), Ilomäki, L. (Other) & Muukkonen, H. (Other)  
01/12/2015 → 31/12/2017

**ENVGGOV: Environmental vulnerability, social resilience and multi-scale governance, research project funded by HENVI/University of Helsinki**

Nygren, A. (Project manager), Juhola, S. (Principal Investigator) & Kanninen, M. (Principal Investigator)  
Journal of Society and Natural Resources  
01/01/2015 → 31/12/2017

**CIFOR Secondment II: CIFOR Secondment II**

Kanninen, M. (Project manager)  
01/09/2016 → 31/08/2017

**EBF/CIFOR: Evidence Based Forestry: Socioeconomic impacts of large-scale tree plantations on local communities. Examining the empirical evidence.**

Kanninen, M. (Project manager), Malkamäki, A. (Principal Investigator), D'amato, D. (Participant), Toppinen, A. (Participant) & Hogarth, N. (Participant)  
01/04/2016 → 31/08/2017

**Metsäbiomassan käyttö ilmastomuutoksen hillinnässä**

Kanninen, M. (Project manager)  
01/09/2014 → 30/06/2017

**ACCUCARBON: Combining growth models and multi-date satellite imagery inventory for improved carbon prediction of tropical forest**

Kanninen, M. (Project manager) & Larjavaara, M. (Participant)  
01/03/2015 → 28/02/2017

**UNCCD Drought: Drought and Dryland Management**

Yirdaw, E. (Project manager), Kanninen, M. (Participant), Elfadl, M. (Participant), Monge Monge, A. A. (Participant) & Kalame, F. B. (Participant)  
01/02/2016 → 31/12/2016

**FinCEAL+: Developing Finnish Science, Technology and Innovation Cooperation between Europe, Africa, Asia and the LAC Region**

Kanninen, M. (Principal Investigator) & Ekroos, K. (Project manager)  
Opetus- ja kulttuuriministeriö  
01/10/2014 → 31/12/2016

**CIFOR Secondment: CIFOR Secondment**

Kanninen, M. (Project manager)  
01/09/2015 → 31/08/2016

**Forest Landscape Rehabilitation in the Mekong River Basin**

Yirdaw, E. (Principal Investigator), Chakma, D. (Project manager), Monge Monge, A. A. (Participant) & Kanninen, M. (Participant)

01/03/2013 → 31/03/2016

**FoLAFI: Forestry higher education cooperation between Laos and Finland**

Kanninen, M. (Principal Investigator) & Chakma, D. (Project manager)

ULKOASIAINMINISTERIÖ

01/07/2014 → 29/02/2016

**Learning from REDD+: An Enhanced Global Comparative Analysis**

Kanninen, M. (Principal Investigator) & Larjavaara, M. (Participant)

01/01/2013 → 31/12/2015

**Landscape Management Planning and Training for the Environment in South Sudan**

Kanninen, M. (Participant), Laxen, J. (Participant) & Elfadl, M. (Participant)

01/05/2013 → 31/12/2015

**Metsien hyödyntämisen ilmastovaikutukset ja hiilinielujen kehittyminen**

Kanninen, M. (Project manager)

01/11/2014 → 31/08/2015

**Private Agricultural Investments and Land Use Change Impact on The Adaptive Capacity of Local Communities to Climate Change in Mozambique**

Yirdaw, E. (Project manager), Kanninen, M. (Participant), Monge Monge, A. A. (Participant), Horne, P. (Participant), Kerkelä, L. (Participant) & Kniivilä, M. (Participant)

01/01/2013 → 31/12/2014

**FinCEAL: Developing Finnish Science, Technology and Innovation Cooperation between Europe, Africa and the LAC Region**

Kanninen, M. (Principal Investigator) & Ekroos, K. (Project manager)

Opetus- ja kulttuuriministeriö

05/11/2012 → 31/12/2013

**GERES Biomass monitoring and harvest planning system for sustainable supply of renewable energy**

Kanninen, M. (Project manager)

20/10/2011 → 31/12/2013

**Energiajärjestelmä ja päästövähennystoimet**

Kanninen, M. (Project manager)

14/09/2012 → 31/03/2013

## Activities

**Climate change and Vulnerability**

Chakma, D. (Chair of organizing committee) & Kanninen, M. (Speaker: Chair)

8 Nov 2024 → 9 Nov 2024

**Thai Nguyen Climate Conference 2024**

Chakma, D. (Member of organizing committee) & Kanninen, M. (Speaker: Keynote)

4 Nov 2024 → 7 Nov 2024

**Erasmus+ FORSU capacity building training events**

Chakma, D. (Secretary of organizing committee), Webb, E. L. (Chair of organizing committee), Yirdaw, E. (Speaker: Presenter), Jamaludin, J. (Speaker: Presenter), Starr, M. (Speaker: Presenter), Kanninen, M. (Speaker: Presenter), Hemminki-Reijonen, U. J. (Speaker: Presenter) & Kaislasalmi, E. E. (Member of organizing committee)

10 Jun 2024 → 14 Jun 2024

**Kanninen, M. (2024). Metsät osana arkea globaalissa etelässä ja Suomessa [Forests and trees in our everyday lives – in the Global South and North] Youtube video**

Kanninen, M. (Speaker)

10 May 2024

**Restoring forest structure, biodiversity and ecosystem function in the West African humid tropics: secondary versus plantation forests**

Kanninen, M. (Member of thesis committee / follow-up group)

2024

**Erasmus+ FORSU capacity building training event**

Chakma, D. (Secretary of organizing committee), Webb, E. L. (Chair of organizing committee), Yirdaw, E. (Speaker: Presenter), Starr, M. (Speaker: Presenter), Kanninen, M. (Speaker: Presenter), Siddall, R. (Speaker: Presenter) & Jamaludin, J. (Speaker: Presenter)

27 Nov 2023 → 1 Dec 2023

**Mitä maailman metsille kuuluu? [World's forests – how are you doing?] Youtube video**

Kanninen, M. (Speaker)

22 Nov 2023

**Puut, metsät ja ilmastokestävä kehitys Afrikassa [Trees, forests and climate resilient development in Africa]**

Kanninen, M. (Invited speaker)

11 Oct 2023

**Perspective on the Paris Agreement and Global Climate Objectives**

Kanninen, M. (Speaker)

26 Sept 2023

**HEI ICI CLIDEV Practical training in CarboScen and CO2FIX tools**

Kanninen, M. (Speaker: Presenter)

14 Aug 2023 → 17 Aug 2023

**Practical training on CarboScen and CO2Fix tools**

Chakma, D. (Member of organizing committee) & Kanninen, M. (Speaker: Chair)

14 Aug 2023 → 16 Aug 2023

**Lao and Thai staff exchange to University of Helsinki**

Chakma, D. (Secretary of organizing committee), Hogarth, N. (Chair of organizing committee), Monge Monge, A. A. (Member of organizing committee), Webb, E. L. (Member of organizing committee), Yirdaw, E. (Member of organizing committee), Kanninen, M. (Speaker: Presenter), Starr, M. (Speaker: Chair), Fuller, V. L. (Speaker: Presenter) & Jamaludin, J. (Speaker: Presenter)

24 Apr 2023 → 5 May 2023

**Vietnamese staff exchange to University of Helsinki**

Chakma, D. (Secretary of organizing committee), Monge Monge, A. A. (Member of organizing committee), Bui, C. (Member of organizing committee), Hogarth, N. (Member of organizing committee), Webb, E. L. (Member of organizing committee), Jamaludin, J. (Speaker: Presenter), Kanninen, M. (Speaker: Presenter), Yirdaw, E. (Chair of organizing committee), Starr, M. (Speaker: Presenter) & Fuller, V. L. (Speaker: Presenter)

24 Apr 2023 → 5 May 2023

**Field course Tropical Forests and Agroforests**

Chakma, D. (Member of organizing committee), Webb, E. L. (Chair of organizing committee), Yirdaw, E. (Member of organizing committee) & Kanninen, M. (Member of organizing committee)

5 Jan 2023 → 20 Jan 2023

### **National University of Laos**

Chakma, D. (Visiting researcher) & Kanninen, M. (Visiting researcher)  
5 Jan 2023 → 18 Jan 2023

### **HEI ICI CLIDEV Project consortium meeting**

Chakma, D. (Secretary of organizing committee), Yirdaw, E. (Chair of organizing committee), Monge Monge, A. A. (Member of organizing committee), Webb, E. L. (Member of organizing committee), Hogarth, N. (Member of organizing committee), Kanninen, M. (Attendee) & Bui, C. (Member of organizing committee)  
5 Dec 2022 → 9 Dec 2022

### **Erasmus+ FRAME project Lao and Thai Staff Exchange to University of Helsinki**

Chakma, D. (Secretary of organizing committee), Hogarth, N. (Chair of organizing committee), Monge Monge, A. A. (Member of organizing committee), Webb, E. L. (Member of organizing committee), Kanninen, M. (Member of organizing committee), Yirdaw, E. (Member of organizing committee), Starr, M. (Speaker: Presenter), Siddall, R. (Attendee), Fuller, V. L. (Speaker: Presenter) & Jamaludin, J. (Speaker: Presenter)  
3 Oct 2022 → 14 Oct 2022

### **Deforestation and forest degradation: Impacts on Biodiversity and Climate Change**

Kanninen, M. (Invited speaker)  
15 Sept 2022

### **Environmental protection, biodiversity conservation and Forest Landscape Restoration: Current state and future challenges**

Kanninen, M. (Keynote speaker)  
7 Sept 2022

### **4th World Teak Conference**

Kanninen, M. (Speaker: Chair)  
5 Sept 2022 → 9 Sept 2022

### **PhD thesis supervision of Edward Amara**

Pellikka, P. (Supervisor), Heiskanen, J. (Supervisor), Webb, E. L. (Opponent), Kanninen, M. (Pre-examiner) & Mbow, C. (Pre-examiner)  
Jul 2022

### **Frontiers in Forests and Global Change (Journal)**

Kanninen, M. (Reviewer)  
18 May 2022

### **Zero Deforestation Value Chains and Food Systems: Role of EU consumption**

Kanninen, M. (Speaker)  
22 Mar 2022

### **Woody Above Ground Biomass and Its Drivers in Mosaic Landscapes in West and East Africa**

Kanninen, M. (Pre-examiner)  
2022

### **Efectos del cambio climático sobre los ecosistemas forestales [Impacts of climate change on forest ecosystems]**

Kanninen, M. (Speaker)  
8 Dec 2021

### **Euroopan vastuu tropiikin metsistä [Responsibility of EU for tropical forests]**

Kanninen, M. (Keynote speaker)  
8 Oct 2021

**Metsät globaalina ilmastoratkaisuna [Forests as a global nature-based solution of climate crisis]**

Kanninen, M. (Keynote speaker)

1 Oct 2021

**Global climate crisis – no time to waste**

Kanninen, M. (Keynote speaker)

23 Sept 2021

**Tapion päivän seminaari 23.9.2021 - Metsäasiantuntijat ilmasto- ja metsäkeskustelun keskiössä**

Kanninen, M. (Speaker)

23 Sept 2021

**FORHEAL closing event**

Chakma, D. (Secretary of organizing committee), Hogarth, N. (Chair of organizing committee), Kanninen, M. (Speaker: Presenter) & Monge Monge, A. A. (Member of organizing committee)

24 Aug 2021

**Ilmastokestävä kehitys ja ruokajärjestelmän haasteet [Climate-resilient development is challenging global food systems]**

Kanninen, M. (Invited speaker)

21 Apr 2021

**Ruokajärjestelmän uudet suunnat dialogiwebinaari**

Kanninen, M. (Speaker)

21 Apr 2021

**Toiminta kestäväksi! Työkaluja järjestöjen ilmasto- ja ympäristötyöhön**

Kanninen, M. (Speaker)

28 Jan 2021

**Pyydetty kommentit ilmasto- ja metsäraportteihin**

Kanninen, M. (Consultant) & Puttonen, P. (Consultant)

14 Oct 2020

**Climate change and sustainable development**

Kanninen, M. (Speaker)

30 Sept 2020

**Research highlights**

Kanninen, M. (Speaker)

17 Sept 2020

**Maan kunnan heikkeneminen ja aavikoituminen - katsaus nykytilaan [Land degradation and desertification - an overview of the current situation]**

Kanninen, M. (Invited speaker)

4 Sept 2020

**Panelist - COVID-19 pandemic and the changing operational environment for development cooperation**

Kanninen, M. (Speaker)

11 Jun 2020

**Introduction to resilience: Resilience as an evolving concept**

Kanninen, M. (Speaker)

9 Jun 2020

**Swiss National Science Foundation (SNSF) (External organisation)**

Kanninen, M. (Assessment)

Jun 2020

**European Research Council (ERC) (External organisation)**

Kanninen, M. (Assessment)

May 2020

**Invited speaker: Metsät ja ilmastonmuutos [Forests and climate change]**

Kanninen, M. (Speaker)

12 Feb 2020

**Climate change adaptation in smallholder agroforestry systems in the Northern Andes of Ecuador: A case study in the Indigenous Territory of Kayambi People**

Kanninen, M. (Supervisor)

2020 → ...

**How to address and assess climate change adaptation? Results-based climate change adaptation and the role of trees and forests in projects funded by Adaptation Fund**

Kanninen, M. (Supervisor)

2020

**Key factors in the enabling environment for smallholder tree growing – experiences from the Global South**

Kanninen, M. (Member of thesis committee / follow-up group)

2020

**Trees for sustainable livelihoods in the Horn of Africa: Studies on aromatic resins and other non-wood forest products in Somalia and Kenya**

Kanninen, M. (Member of thesis committee / follow-up group)

2020

**Village-level changes in landscapes, land use and rural livelihoods: A case study of three villages in Nambak District, Lao PDR**

Kanninen, M. (Supervisor)

2020

**Invited key note: Informe especial del IPCC sobre el calentamiento global de 1.5 °C**

Kanninen, M. (Speaker)

6 Nov 2019

**Pyydetty lausunto Eduskunnan ympäristövaliokunnalle [Written statement to the Environment Committee of the Finnish parliament]**

Kanninen, M. (Participant)

2 Oct 2019

**FORHEAL-mid-term meeting**

Chakma, D. (Member of organizing committee), Monge Monge, A. A. (Secretary of organizing committee), Kanninen, M. (Chair of organizing committee) & Hogarth, N. (Member of organizing committee)

18 Jun 2019 → 20 Jun 2019

**Epäreilu ilmasto [Unfair climate]**

Kanninen, M. (Speaker)

21 Mar 2019

**Field course "Tropical Forests and Agroforests"**

Chakma, D. (Member of organizing committee), Kanninen, M. (Chair of organizing committee), Yirdaw, E. (Member of organizing committee), Hogarth, N. (Member of organizing committee), Monge Monge, A. A. (Member of organizing committee) & Bui, C. (Attendee)

3 Jan 2019 → 20 Jan 2019

**Ethnobotany, phytochemistry and antimicrobial activity of Combretum, Terminalia and Anogeissus species (Combretaceae) growing naturally in Sudan**

Kanninen, M. (Member of thesis committee / follow-up group)

2019

**From participation to responsiveness: The changing priorities of community forestry governance in Nepal's Terai**

Kanninen, M. (Pre-examiner)

2019

**IPCC, 2019: Climate Change and Land: an IPCC special report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems (Journal)**

Kanninen, M. (Reviewer)

2019 → ...

**On the human impacts and governance of large-scale tree plantations**

Kanninen, M. (Co-supervisor)

2019

**Preliminary Assessment of Socioeconomic Impacts and Plantation Performance of Stora Enso's Village Program in Southern Laos**

Kanninen, M. (Supervisor)

2019

**Scientific Reports (Journal)**

Kanninen, M. (Reviewer)

2019

**Tropical rainforest restoration on Imperata grasslands under fast-growing plantations in South Kalimantan, Indonesia**

Kanninen, M. (Supervisor)

2019

**Where is local democracy?**

Kanninen, M. (Member of thesis committee / follow-up group)

2019

**Towards better estimates of carbon stocks in Bornean logged-over Dipterocarp forests**

Kanninen, M. (Opponent)

29 Nov 2018

**World Food Day Seminar 2018**

Johansson, T. P. (Member of organizing committee), Sell, M. (Member of organizing committee), Kanninen, M. T. (Member of organizing committee) & Taivalmaa, S.-L. (Member of organizing committee)

10 Oct 2018

**Key findings of the IPCC Special report on 1.5. degrees**

Kanninen, M. (Speaker)

8 Oct 2018

**Land-use, Ecosystem Carbon and Biodiversity in Tropical Landscapes**

Kanninen, M. (Speaker)

12 Jun 2018

**Measuring the contribution of forest and environmental income in rural livelihoods**

Kanninen, M. (Teacher)

25 Feb 2018 → 2 Mar 2018

**ECarbon stocks and sequestration potential of smallholder Acacia hybrid plantations in Hue, Vietnam**

Kanninen, M. (Supervisor)

2018

**Ecosystem services in UPM's intensively managed plantation landscapes in Uruguay**

Kanninen, M. (Supervisor)

2018

**Faculty of Agriculture and Forestry (Organisational unit)**

Kanninen, M. (Board member)

2018 → ...

**Faculty of Arts (Organisational unit)**

Kanninen, M. (Board member)

2018

**Faculty of Science (Organisational unit)**

Kanninen, M. (Board member)

2018

**Innovation Capacity and Women Empowerment. Identifying constraints and pathways toward sustainability, improved productivity and livelihoods of small-scale farmers in Africa**

Kanninen, M. (Member of thesis committee / follow-up group)

2018

**FORHEAL-Kick off meeting**

Chakma, D. (Member of organizing committee), Kanninen, M. (Chair of organizing committee), Monge Monge, A. A. (Secretary of organizing committee) & Hogarth, N. (Member of organizing committee)

21 Nov 2017

**Pedagogical training (period 1)–developing pedagogical practices in Mekong higher education institutions**

Illomäki, L. H. (Speaker: Presenter), Lakkala, M. H. (Speaker: Presenter), Kanninen, M. T. (Chair of organizing committee), Chakma, D. (Secretary of organizing committee), Hogarth, N. (Member of organizing committee) & Monge Monge, A. A. (Member of organizing committee)

13 Nov 2017 → 17 Nov 2017

**Practical training on CarboScen**

Larjavaara, M. T. (Speaker: Chair), Kanninen, M. T. (Chair of organizing committee), Chakma, D. (Secretary of organizing committee), Hogarth, N. (Member of organizing committee) & Monge Monge, A. A. (Member of organizing committee)

10 Oct 2017

**CarboScen training**

Kanninen, M. (Teacher) & Larjavaara, M. T. (Teacher)

28 Sept 2017

**Faculty of Agriculture and Forestry (Organisational unit)**

Kanninen, M. (Chair)

1 Aug 2017 → ...



**HEI ICI PARFORM Kick-Off Meeting**

Kanninen, M. T. (Chair of organizing committee), Chakma, D. (Secretary of organizing committee), Hogarth, N. (Member of organizing committee) & Monge Monge, A. A. (Member of organizing committee)  
26 Jun 2017 → 27 Jun 2017

**La Economía Forestal Sostenible, Pucallpa, Peru**

Kanninen, M. (Invited speaker)  
14 Jun 2017

**CarboScen training**

Kanninen, M. (Teacher)  
12 Jun 2017

**Intensive training on "Academic writing in English"**

Siddall, R. (Speaker: Chair), Kanninen, M. T. (Chair of organizing committee), Chakma, D. (Secretary of organizing committee), Hogarth, N. (Member of organizing committee) & Monge Monge, A. A. (Member of organizing committee)  
12 Jun 2017 → 16 Jun 2017

**CarboScen training**

Kanninen, M. (Teacher) & Larjavaara, M. T. (Teacher)  
26 May 2017

**Siti Nurbaya**

Kanninen, M. (Host)  
7 Apr 2017

**Green Economy Transitions in Least Developed Countries**

Kanninen, M. T. (Chair of organizing committee), Hogarth, N. (Speaker: Presenter) & Chakma, D. (Member of organizing committee)  
5 Jan 2017

**Tropical Forests & Agroforests**

Kanninen, M. T. (Chair), Eshetu, E. Y. (Attendee), Hogarth, N. (Attendee), Monge Monge, A. A. (Attendee) & Chakma, D. (Attendee)  
3 Jan 2017 → 20 Jan 2017

**Climate, trees and agricultural practices: Implications for food security in the semi-arid zone of Sudan**

Kanninen, M. (Supervisor)  
2017

**Indonesian wooden furniture value chain and impacts of EU policies**

Kanninen, M. (Supervisor)  
2017

**Intergovernmental Panel on Climate Change (IPCC), Lead Author of Special Report on 1.5 Degrees (External organisation)**

Kanninen, M. (Assessment)  
2017 → 2018

**Qualitative Assessment of Key Factors Shaping the Development of Community Forestry Enterprises in Mexico**

Kanninen, M. (Supervisor)  
2017

**Dryland Management and Climate Change Nexus**

Yirdaw, E. (Chair of organizing committee), Elfadol, M. A. (Member of organizing committee), Monge Monge, A. A. (Member of organizing committee) & Kanninen, M. (Member of organizing committee)  
14 Dec 2016

**Green Solutions 2016, Cancun, Mexico - Shaping green policy for a low carbon economy**

Kanninen, M. (Invited speaker)  
5 Dec 2016 → 7 Dec 2016

**Swiss National Science Foundation (SNSF) (External organisation)**

Kanninen, M. (Assessment)  
Dec 2016

**Forest Action Day 2016**

Kanninen, M. (Speaker: Presenter)  
8 Nov 2016

**Center for International Forestry Research (CIFOR)**

Kanninen, M. (Visiting researcher)  
1 Sept 2016 → 31 Aug 2017

**Sustainable forest landscapes – innovations and competitive advantages**

Kanninen, M. (Chair of organizing committee), Monge Monge, A. A. (Member of organizing committee), Rekola, M. O. (Member of organizing committee) & Toppinen, A. M. K. (Member of organizing committee)  
17 Aug 2016

**Swiss National Science Foundation (SNSF) (External organisation)**

Kanninen, M. (Assessment)  
Jun 2016

**The Finnish Climate Panel (Ilmastopaneeli) (External organisation)**

Kanninen, M. (Member)  
21 Jan 2016 → 31 Dec 2019

**Carbon Balance and Management (Journal)**

Kanninen, M. (Reviewer)  
2016

**Current Opinion in Environmental Sustainability (Journal)**

Kanninen, M. (Reviewer)  
2016 → ...

**Deforestation and forest degradation in Southern Burkina Faso: Understanding the drivers of change and options for revegetation**

Kanninen, M. (Supervisor)  
2016

**Ecosystem Services from Industrial Eucalypt Plantation Landscapes: Case of Stakeholders of UPM Uruguay**

Kanninen, M. (Supervisor)  
2016

**Evaluation Panel, Eduardo Mondlane University (External organisation)**

Kanninen, M. (Member)  
2016

**FLEGT and REDD+ synergies and impacts in the Congo Basin: lessons for global forest governance**

Kanninen, M. (Supervisor)  
2016

**Forest Ecology and Management (Journal)**

Kanninen, M. (Reviewer)  
2016

**Forests (Journal)**

Kanninen, M. (Reviewer)  
2016

**Influence of smallholder woodlot management on tree growth and quality. Case study of pine plantations in Iringa and Njombe regions, Tanzania**

Kanninen, M. (Supervisor)  
2016

**Setting priorities for conservation: protected area effectiveness, management and quality of governance**

Kanninen, M. (Pre-examiner)  
2016

**Forests, landscapes, climate and sustainable development: The evidence we need for the future we want**

Kanninen, M. (Speaker: Presenter)  
3 Dec 2015

**Course: Research Proposal Writing**

Kanninen, M. (Chair of organizing committee)  
26 Oct 2015 → 28 Oct 2015

**Center for International Forestry Research (CIFOR)**

Kanninen, M. (Visiting researcher)  
1 Sept 2015 → 31 Aug 2016

**Ilmasto muuttaa turvallisuuden - Kehittyvien maiden sopeutumisen haasteet - Tiedekulman tilaisuus 11.5.2015**

Kanninen, M. (Speaker: Presenter)  
11 May 2015

**Agriculture, Ecosystems & Environment (Journal)**

Kanninen, M. (Reviewer)  
2015

**Governance of global commodity chains: Case of Uruguayan beekeeping and sustainable livelihoods**

Kanninen, M. (Supervisor)  
2015

**Nature Communications (Journal)**

Kanninen, M. (Reviewer)  
2015

**Sustainability of community forest management in Burkina Faso: The Case of CAF Cassou**

Kanninen, M. (Supervisor)  
2015

**What drives land use – land cover change leading to deforestation? A study case of the Tambopata Natural Reserve Buffer Zone, Madre de Dios, Peru**  
Kanninen, M. (Supervisor)  
2015

**Green Solutions 2014, Aguascalientes, Mexico - Sustainable forestry and agriculture –Challenges and green solutions**  
Kanninen, M. (Invited speaker)  
5 Nov 2014 → 6 Nov 2014

**Course: Small Holder Teak Management (Field Course)**  
Kanninen, M. (Chair of organizing committee)  
20 Oct 2014 → 28 Oct 2014

**Ympäristötiedon foorumi - Suomi, maankäytön muutokset ja metsät kansainvälisissä ilmastoneuvotteluissa**  
Kanninen, M. (Speaker: Presenter)  
15 Oct 2014

**Monique Barbut**  
Kanninen, M. (Host)  
2 Apr 2014

**The Finnish Climate Panel (Ilmastopaneeli) (External organisation)**  
Kanninen, M. (Member)  
1 Mar 2014 → 31 Dec 2015

**Agroforestry Systems (Journal)**  
Kanninen, M. (Reviewer)  
2014

**Can REDD+ Turn Rainbow? REDD+ and Climate Change Adaptation Policies in Vietnam**  
Kanninen, M. (Opponent)  
2014

**Carbon stocks for six different land use classes in Niassa province, Mozambique**  
Kanninen, M. (Supervisor)  
2014

**Center for International Forestry Research (Publisher)**  
Kanninen, M. (Member of editorial board)  
2014 → 2015

**Effects of Intensive management in the Restoration of Northeastern Atlantic Forest in Brazil; Survival, Growth and Carbon Sequestered 8 Years after Planting**  
Kanninen, M. (Supervisor)  
2014

**Effects of Intensive Silviculture in the Restoration of Northeastern Atlantic Forest in Brazil; Survival, Growth and Carbon Sequestered 8 Years after Planting**  
Kanninen, M. (Supervisor)  
2014

**Estimation of eucalyptus forest plantations carbon sequestration potential in Uruguay with the CO2fix model**  
Kanninen, M. (Supervisor)  
2014

**Agroforestry Systems (Journal)**

Kanninen, M. (Reviewer)  
2013

**Ambio (Journal)**

Kanninen, M. (Reviewer)  
2013

**Assessment and prediction of above-ground biomass in selectively logged forest concessions using field measurements and remote sensing data: Case study in south east Cameroon**

Kanninen, M. (Supervisor)  
2013

**Belgian Science Policy Office (External organisation)**

Kanninen, M. (Assessment)  
2013

**Climate Policy (Journal)**

Kanninen, M. (Reviewer)  
2013

**European Forest Institute, Scientific Advisory Board (External organisation)**

Kanninen, M. (Member)  
2013 → 2017

**Factors influencing farmers' tree planting and management activity in four case studies in Indonesia**

Kanninen, M. (Supervisor)  
2013

**Mitigation and Adaptation Strategies for Global Change (Journal)**

Kanninen, M. (Reviewer)  
2013

**Nature Communications (Journal)**

Kanninen, M. (Reviewer)  
2013

**Regional Markets for Non-timber Forest Products in Eastern Brazilian Amazon**

Kanninen, M. (Co-supervisor)  
2013

**The indigenous agroforestry systems of the south-eastern Rift Valley escarpment, Ethiopia: Their biodiversity, carbon stocks, and litterfall**

Kanninen, M. (Co-supervisor)  
2013

**The winding road from exclusion to ownership: Governance and social outcomes in contemporary forest conservation in northeastern Tanzania**

Kanninen, M. (Co-supervisor)  
2013

**Finnish IIASA Committee, Academy of Finland (External organisation)**

Kanninen, M. (Member)  
25 Jan 2012 → 31 Dec 2014

**Community forest management and policy implication for the biosphere reserve of Luki, Democratic Republic of Congo**  
Kanninen, M. (Supervisor)  
2012

**Finnish University Partnership for International Development, UniPID (External organisation)**  
Kanninen, M. (Chair)  
2012 → 2014

**Improving rooting of Eucalyptus cuttings by controlling the stock plant temperature in Montes del Plata nursery, Uruguay**  
Kanninen, M. (Supervisor)  
2012

**Mitigation and Adaptation Strategies for Global Change (Journal)**  
Kanninen, M. (Reviewer)  
2012

**PLoS One (Journal)**  
Kanninen, M. (Reviewer)  
2012

**Routledge (Publisher)**  
Kanninen, M. (Editor)  
2012 → ...

**Valuation of ecosystem services for assessment of cost of deforestation, and analysis of its drivers with implications for sustainable forest management in Ghana**  
Kanninen, M. (Opponent)  
2012

**The Finnish Climate Panel (Ilmastopaneeli) (External organisation)**  
Kanninen, M. (Member)  
1 Dec 2011 → 28 Feb 2014

**International Union of Forest Research Organizations (IUFRO) - Task Force on Climate Change (External organisation)**  
Kanninen, M. (Chair)  
1 Jan 2011 → 31 Dec 2014

**Ambio (Journal)**  
Kanninen, M. (Reviewer)  
2011

**Forest Ecology and Management (Journal)**  
Kanninen, M. (Reviewer)  
2011

**Forest governance and climate change adaptation: Case studies of four African countries**  
Kanninen, M. (Co-supervisor)  
2011

**Journal of Geophysical Research (Journal)**  
Kanninen, M. (Reviewer)  
2011

**Stand growth and management scenarios for *Paraserianthes falcataria* smallholder plantations in Indonesia**

Kanninen, M. (Supervisor)  
2011

**The impact of FSC certification on timber tree regeneration and floristic composition in Honduran community forests**

Kanninen, M. (Pre-examiner)  
2011

**Belgian Science Policy Office (External organisation)**

Kanninen, M. (Assessment)  
2010

**European Forest Institute (EFI), External Evaluation Panel (External organisation)**

Kanninen, M. (Chair)  
2010 → 2011

**Impact of the globalizing forest industry on ecosystem services: Corporate responsibility and the sustainable management of coupled human-environment systems**

Kanninen, M. (Pre-examiner)  
2010

**The Adaptation Fund Board (UNFCCC) (External organisation)**

Kanninen, M. (Board member)  
1 Jan 2008 → 15 Mar 2017

**The contribution of forestry in maintaining and expanding forest-based carbon sinks**

Kanninen, M. (Speaker), Nasi, R. (Speaker) & Karsenty, A. (Speaker)  
25 Oct 2007

**Agroforestry systems for sustainable livelihoods and improved land management in the East Usambara Mountains, Tanzania**

Kanninen, M. (Pre-examiner)  
2007

**Teaknet (External organisation)**

Kanninen, M. (Board member)  
2007 → ...

**2006 IPCC Guidelines for National Greenhouse Gas Inventories. International Panel on Climate Change (Publisher)**

Kanninen, M. (Reviewer)  
2006

**Biodiversity management in fast-growing tree plantations: a case study from West Kalimantan, Indonesia**

Kanninen, M. (Opponent)  
2006

**Forest Ecology and Management (Journal)**

Kanninen, M. (Reviewer)  
2005

**Stand growth scenarios for *Tectona grandis* plantations in Costa Rica**

Kanninen, M. (Supervisor)  
2005

**Forest Ecology and Management (Journal)**

Kanninen, M. (Member of editorial board)  
2004 → 2007

**Silva Fennica (Journal)**

Kanninen, M. (Member of editorial board)  
2004 → 2008

**Restoration of the native woody-species diversity, using plantation species as foster trees, in the degraded highlands of Ethiopia**

Kanninen, M. (Pre-examiner)  
2002

**Estimation and Use of Modified Prior Probabilities for Digital Classification Improvement of Tropical Forests**

Kanninen, M. (Supervisor)  
2000

**Integration of indigenous tree species into fast-growing forest plantations on Imperata grasslands in Indonesia – Silvicultural solutions and their ecological and practical implications**

Kanninen, M. (Pre-examiner)  
2000

**Drought adaptation and genetic diversity in Eucalyptus microtheca**

Kanninen, M. (Pre-examiner)  
1999

**Growth response in forest-limit pine to climatic factors and reconstruction of summer temperatures from ring-width chronologies of Pinus sylvestris L. in Northern Fennoscandia**

Kanninen, M. (Pre-examiner)  
1996

**Ibero-amerikkalaisen säätiön valtuuskunta [Council of the Ibero-American Foundation of Finland] (External organisation)**

Kanninen, M. (Member)  
1996 → ...

**Regeneration of Acacia seyal forests on the dryland of the Sudan clay plain**

Kanninen, M. (Pre-examiner)  
1996

**The Effects of Emissions from a Nickel-Copper Smelter in Monchegorsk, northwestern Russia, on the Radial Growth of Scots Pine**

Kanninen, M. (Pre-examiner)  
1996

**Climate Change, Biodiversity and Boreal Forest Ecosystems**

Kanninen, M. (Member of organizing committee)  
30 Jul 1995 → 5 Aug 1995

**Carbon and nitrogen dynamics in Erythrina poeppigiana (Leguminosae: Phaseoleae) trees managed by periodic prunings**

Kanninen, M. (Pre-examiner)  
1995

**IV Reunión Nacional de Plantaciones Forestales, México**

Kanninen, M. (Speaker: Presenter)



19 Jul 1994 → 21 Jul 1994

**Impedance spectroscopy and temperature acclimation of forest trees**

Kanninen, M. (Pre-examiner)  
1993

**Ministerial Conference on the Protection of Forests in Europe (External organisation)**

Kanninen, M. (Member)  
1993 → 1995

**Analysis of Scots Pine growth: formation of structure from functional considerations**

Kanninen, M. (Pre-examiner)  
1992

**Ibero-amerikkalainen säätiö [Ibero-American Foundation of Finland] (External organisation)**

Kanninen, M. (Board member)  
1992 → 1995

**Ministerial Conference on the Protection of Forests in Europe (External organisation)**

Kanninen, M. (Chair)  
1992 → 1993

**Modelling bud dormancy release in trees from cool and temperate regions**

Kanninen, M. (Opponent)  
1990

**University of Washington, Center for Quantitative Science**

Kanninen, M. (Visiting researcher)  
Jan 1989 → Sept 1989

**Models of pine stand development: an eco-physiological systems analysis**

Kanninen, M. (Pre-examiner)  
1987

**Acta forestalia Fennica (Journal)**

Kanninen, M. (Editor in chief)  
1985 → 1990

**Silva Fennica (Journal)**

Kanninen, M. (Editor in chief)  
1985 → 1990

**Colegio de Postgraduados, Chapingo, Mexico**

Kanninen, M. (Visiting researcher)  
Jan 1979 → Aug 1979

**Prizes**

**Influencer of the Year (Vuoden vaikuttaja) 2018**

Kanninen, M. (Recipient), 3 Dec 2018

**Nobel Peace Prize (as a member of the IPCC)**

Kanninen, M. (Recipient), 2007

**Suomen Valkoisen Ruusun I luokan ritarimerkki (Knight First Class of the Order of the White Rose of Finland)**  
Kanninen, M. (Recipient), 6 Dec 2018

**Teacher of the Year (Hyvä Opettaja) 2013**  
Kanninen, M. (Recipient), 17 May 2013

## **Press / Media**

**5 tärkeää urakkaa ilmastotyössä**  
Kanninen, M.  
01/02/2021  
1 item of Media coverage

**Aavikoituminen koskettaa myös suomalaisia [Desertification is relevant also for Finns]**  
Kanninen, M.  
18/04/2021  
1 item of Media coverage

**Aavikoitumisen estäminen [Stopping desertification]**  
Kanninen, M. & Kaarakka, V.  
28/08/2019  
1 Media contribution

**Aavikoitumista torjumassa – pähkinät ja kokis voimanlähteinä**  
Kanninen, M.  
07/10/2019  
1 item of Media coverage

**Aavikon ilmasto saapuu. Suuri osa Etelä-Euroopasta uhkaa aavikoitua ilmastonmuutoksen vuoksi [The desert climate arrives. A large part of southern Europe is threatened with desertification due to climate change]**  
Kanninen, M.  
05/08/2023  
1 Media contribution

**Afrikan metsät on syytä säästää [We should save Africa's forests]**  
Kanninen, M.  
15/05/2019  
1 Media contribution

**Afrikassa on enemmän maastopaloja kuin Amazoniassa [More fires in Africa than in the Amazonia]**  
Kanninen, M.  
28/08/2019  
1 Media contribution

**Alfa TV - Interview on IPCC Special report on 1.5. degrees**  
Kanninen, M.  
12/10/2018  
1 Media contribution

**Amatsonin keikahduspiste [Amazon tipping point]**  
Kanninen, M.  
09/09/2022  
1 Media contribution

**Amatsonin metsäpalot [Forest fires in Amazonia]**

Kanninen, M.

23/08/2019

1 Media contribution

**Amazonin hiilivarasto ei palaudu palojen jälkeen entiselleen [Slow recovery of Amazonas carbon stocks]**

Kanninen, M.

23/08/2019

1 Media contribution

**Amazonin sademetsä palaa maan tasalle [Amazon rainforest is burning down]**

Kanninen, M.

24/08/2019

1 Media contribution

**Amazonin sademetsissä riehuvat pahimmat metsäpalot 15 vuoteen [Worst fires in Amazon rainforest for 15 years]**

Kanninen, M.

08/09/2022

1 Media contribution

**Antaa pahtaa [Let it shine]**

Kanninen, M.

28/08/2020

1 Media contribution

**Arjen ehdoilla**

Kanninen, M. T.

10/05/2016

1 Media contribution

**Asiantuntijat Bensa-Antosen hurjasta Sahara-suunnitelmasta: "Teknisesti mahdollista, mutta..."**

Kanninen, M.

15/12/2017

1 item of Media coverage

**Cancúnin ilmastokokous - Suomalaisetekniikka selvittää sademetsien määrää [Cancun climate conference – Finnish technology used in tropical forest inventories]**

Kanninen, M.

05/12/2010

1 Media contribution

**Contributing to effective climate change mitigation and adaptation**

Kanninen, M.

14/12/2018

1 item of Media coverage

**Ei lisää risuja tankkiin, vaan metsää Saharaan? [No biofuels but trees in Sahara?]**

Kanninen, M.

03/11/2017

1 item of Media coverage

**ENB+ Report | Forest Action Day | 8 Nov 2016 | Marrakech, MA | IISD Reporting Services**

Kanninen, M.

11/11/2016

1 item of Media coverage

**Entrevista a Markku Kanninen [Interview of Markku Kanninen]**

Kanninen, M.

01/01/2015

1 Media contribution

**Epäreilu ilmasto [Unfair climate]**

Kanninen, M.

21/03/2019

1 Media contribution

**"Export of Finnish forest know-how should focus on the small and beautiful"**

Kanninen, M.

10/04/2017

1 item of Media coverage

**Forest Action Day | 8 Nov 2016 | Marrakech, MA | IISD Reporting Services**

Kanninen, M.

08/11/2016

1 Media contribution

**Forests, Landscapes, Climate and Sustainable Development: The Evidence We Need for the Future We Want [Side Event at UNFCCC COP 21 in Paris, December 3, 2015]**

Kanninen, M.

03/12/2015

1 item of Media coverage

**Goodbye, kuukkelimetsä: Hakkuukiistat palasivat Suomeen, kun biotalous jauhaa puuta rahaksi [Bioeconomy and disputes on forest management - a dejavu]**

Kanninen, M.

25/11/2017

1 item of Media coverage

**HS kysyi 30 suomalaiselta, ovatko he kokeneet omassa arki-elämässään ilmaston-muutoksen vaikutuksia – Näin he vastaavat**

Kanninen, M.

29/12/2019

1 Media contribution

**Huippulaatuista soitinpuuta on metsissämme, mutta harva löytää sitä – "Japanilaiset tulivat Suomeen ja ostivat kaikki liikenevät kuuset"**

Kanninen, M.

18/09/2022

1 Media contribution

**Ihminen sytytti Indonesian tuleen**

Kanninen, M.

13/11/2015

1 Media contribution

**IISD/ENB @ UNFCCC COP 21/CMP 11 (Side Events) | 3 Dec 2015 | Paris, FR | IISD Reporting Services**

Kanninen, M.

03/12/2015

1 item of Media coverage

**Ilmastonmuutoksen fossiili [A climate change fossil]**

Kanninen, M.

15/02/2019

1 item of Media coverage

**Ilmastomuutos: Kaadetaanko viimeinenkin viidakko soija- ja öljypalmuplantaasien tieltä? [Climate change: Are we converting the last rainforest to soy and oil palm plantations?]**

Kanninen, M.

08/10/2018

1 Media contribution

**Ilmastomuutosta hillitsevä hiilinielu vai teollisuuden raaka-aine? Suomi tasapainoilee metsien tarkoituksen kanssa**

Kanninen, M.

19/10/2018

1 item of Media coverage

**Ilmaston muuttajat. Onko vastuullista palmuöljyä olemassa?**

Kanninen, M.

15/03/2017

1 Media contribution

**Ilmastopaneeli: Hakkuiden lisääminen pienentää metsien hiilinielua tuntuvasti [Climate panel: Increasing logging significantly reduces the carbon sink of forests]**

Kanninen, M.

18/02/2019

1 Media contribution

**Ilmastopolitiikan tueksi perustetaan ilmastopaneeli [Finnish Climate Panel will be established to provide policy advice]**

Kanninen, M.

01/12/2011

1 Media contribution

**Ilmastotieteilijöiden viesti on vakava: nykytoimet eivät riitä [Serious message from climate scientists: our current efforts are not enough]**

Kanninen, M.

01/07/2018

1 item of Media coverage

**Impacts of Indonesia's land fires of 2015 revealed: record-level carbon emissions and other impacts – what can we do?**

Kanninen, M. & Murdiyarso, D.

15/07/2016

1 Media contribution

**Indonesia kielsi turvesoiden raivaamisen – päätös voi vähentää maailmanlaajuisia päästöjä merkittävästi [Indonesia puts a ban on peatland conversion – The decision can reduce substantially global emissions]**

Kanninen, M.

08/12/2016

1 Media contribution

**Indonesia on maailman pahimpia saastuttajia – nyt 250 miljoonan ihmisen saarivaltio haluaa apua suomalaiselta metsäosaamiselta**

Kanninen, M.

07/04/2017

1 Media contribution

**Influencer of the Year award bestowed on Professor Markku Kanninen from the Faculty of Agriculture and Forestry**

Kanninen, M.

03/12/2018

1 item of Media coverage

**Interview on climate change at RPP Noticias Lina, Peru**

Kanninen, M.

07/11/2019

1 Media contribution

**Jättimäiset maastopalot ovat suurempi uhka ihmisille ja taloille kuin luonnolle [Large-scale land fires cause more damage to humans than to nature]**

Kanninen, M.

04/01/2020

1 Media contribution

**Kehitysmaiden rahat jumissa [Developing countries fail to access climate funding]**

Kanninen, M.

14/03/2011

1 Media contribution

**Kommentti: Vältä katastrofi ja säästä samalla rahaa – uusi ilmastoraportti on konsulttien ilosanomaa [Comment: Avoid the catastrophe and save money - new climate report brings good news from consultants]**

Kanninen, M.

20/11/2018

1 item of Media coverage

**Kun Suomi säästää metsiään, joku muu hakkaa enemmän [When Finland spares its forests, others log more]**

Kanninen, M.

22/05/2019

1 item of Media coverage

**Maailmaa pelastamassa - Ilmastonmuutos [Saving the planet - Climate change]**

Kanninen, M.

02/10/2020

1 Media contribution

**Maailma tulella [The world in flames]**

Kanninen, M.

25/08/2019

1 Media contribution

**Maakäytön suunnittelu on ilmastotyön ydintä [Land use planning in the core of climate action]**

Kanninen, M.

26/10/2020

1 item of Media coverage

**Meidän on muutettava elämän-tapaamme perustavan-laatusesti, linjaa vuosikymmenen tärkein ilmastoraportti**

Kanninen, M.

08/10/2018

1 item of Media coverage

**Metsäkysymykset osana ilmastopolitiikkaa [Forests are part of climate policies]**

Kanninen, M.

13/05/2011

1 Media contribution

**Metsänhävitys tropiikissa - YLE Ykkösaamu [Deforestation in the tropics]**

Kanninen, M.

05/07/2011

1 Media contribution

**Metsän istutuksen ja suojelun merkitys ilmastosuojelussa**

Kanninen, M.

19/07/2019

1 Media contribution

**Metsäosaamisen viennissä pitäisi keskittyä pieneen ja kauniiseen**

Kanninen, M.

07/04/2017

1 Media contribution

**Metsä palvelee [Forest services]**

Kanninen, M.

15/01/2007

1 item of Media coverage

**Metsät ja monimuotoisuus Suomessa ja globaalissa etelässä - [Forests and biodiversity in Finland and in Global South]**

Kanninen, M.

23/10/2024

1 Media contribution

**Metsät osana arkea globaalissa etelässä ja Suomessa [Forests and trees in our everyday lives – in the Global South and North]**

Kanninen, M.

29/04/2024

1 Media contribution

**Metsien häviäminen lämmittää ilmastoa [Deforestation is warming the climate]**

Kanninen, M.

01/11/2011

1 Media contribution

**Metsien häviäminen lämmittää ilmastoa [Deforestation warms the climate]**

Kanninen, M.

01/11/2012

1 Media contribution

**Mitä maailman metsille kuuluu? [World's forests – how are you doing?]**

Kanninen, M.

30/11/2023

1 Media contribution

**Miten Afrikan sademetsät torjuvat ilmastonmuutosta? Viisi vastausta Afrikan sademetsistä [Role of African rainforests in curbing climate change]**

Kanninen, M.

05/05/2022

1 Media contribution

**Mittasuhteet kuntoon. Metsät eivät yksinään ratkaise ilmastonmuutosta, sanoo professori Markku Kanninen [Scale matters. Forests alone cannot solve the climate change problem explains professor Markku Kanninen]**

Kanninen, M.

07/12/2018

1 item of Media coverage

**Muuttuvan ilmaston mittari [Savannas - indicators of changing climate]**

Kanninen, M.

13/05/2022

1 Media contribution

**Neste Oilista tulee maailman suurimpia palmuöljyn ostajia [Neste Oil will be one of largest palm oil buyers in the world]**

Kanninen, M.

14/11/2009

1 Media contribution

**Neste tekee biodieseliä Indonesian palmuöljystä [Neste produces biodiesel from palm oil]**

Kanninen, M.

13/11/2015

1 Media contribution

**Nina Backmanin taide-projekti alkoi yhtäkkiä paisua, ja ensi viikolla Helsingissä jaetaan ilmaisia puun-taimia istutettavaksi [Art project by Nina Backman started to grow, and next week free seedlings are given away for tree planting in Helsinki]**

Kanninen, M.

15/09/2019

1 Media contribution

**Onko puiden istuttaminen oikotie ilmastokriisin ratkaisuun? [Is planting trees a quick fix for the climate crisis?]**

Kanninen, M.

13/09/2019

1 Media contribution

**Profesor Markku Kanninen sobre Manejo Forestal Sostenible en Amazonía Peruana [On sustainable management of forests in the Peruvian Amazon]**

Kanninen, M.

20/06/2017

1 item of Media coverage

**Profile of Markku Kanninen Seconded Principal Scientist of Center for International Forestry Research**

Kanninen, M.

04/07/2017

1 item of Media coverage

**Publication Review: Multifaceted Impacts of Sustainable Land Management in Drylands**

Eshetu, E. Y. & Kanninen, M.

13/12/2016

1 item of Media coverage

**Sadat miljoonat ihmishenget ovat pelissä, kun päätetään ilmastopolitiikasta**

Kanninen, M.

08/10/2018

1 item of Media coverage

**Seeing the wood**

Kanninen, M.

25/10/2010

1 Media contribution

**Sellu palaa ilma-kehään, ja metsän puu luovuttaa lopulta hiilensä – Tutkijoiden mukaan on yksi yli-voimainen tapa muuttaa puu hiili-nieluksi [Pulp ends up in atmosphere – Scientists agree on outstanding way to store carbon in wood products]**

Kanninen, M.

22/05/2019

1 Media contribution



**Suomen metsäala valmis vientituote [Finland's forest sector is a finished export product]**

Kanninen, M.

21/10/2019

1 Media contribution

**Suomen metsien hiilinielun kasvattamiseksi väläytellään monenlaisia keinoja: peltojen metsitystä, järeämpää puustoa ja tukea metsänomistajille hiilensidontaan [In order to increase the carbon sink of Finland's forests, many methods are being used: afforestation of fields, more robust trees and support for forest owners for carbon sequestration]**

Kanninen, M.

08/10/2018

1 Media contribution

**Suomi hörppii runsaasti brasilialaista kahvia [Deforestation and coffee in Brazil]**

Kanninen, M.

23/08/2019

1 Media contribution

**Suomi tukemaan Rauhanyliopistoa ja CATIEta Costa Ricassa?**

Kanninen, M.

20/01/2008

1 Media contribution

**Suomi-Uruguay: Metsäosaamista jaetaan [Finland-Uruguay: sharing knowledge on forests]**

Kanninen, M.

19/05/2019

1 item of Media coverage

**Tehometsätalous loi Suomeen jättimäisen uuden hiilivaraston [Intensive forest management created a large new carbon sink in Finland]**

Kanninen, M.

15/10/2019

1 Media contribution

**Transform the sustainability sector with HELSUS at Helsinki**

Kanninen, M.

05/06/2018

1 item of Media coverage

**Trooppisten rantojen kasvatit [Mangroves of tropical coast lines]**

Kanninen, M.

13/03/2014

1 item of Media coverage

**Tropiikin muuttaminen akasiapelloksi on rikos [Converting tropical forests to acacia plantations is a crime]**

Kanninen, M.

26/08/2011

1 Media contribution

**Tropiikin nopeakasvuiset puuviljelmät - Metsäradio [Fast-growing tree plantations in the tropics]**

Kanninen, M.

08/08/2011

1 Media contribution

**Tutkijan väite: Nesteen biodiesel lisää reippaasti ilmastopäästöjä – Neste pitää raaka-ainettaan jätteenä**

Kanninen, M.

01/03/2020  
1 Media contribution

**Vainottu metsä/Varkaita paratiisissa [Haunted forest/Thieves in the paradise]**

Kanninen, M.  
16/06/2019  
1 item of Media coverage

**Vain yksi malli tukee hallituksen hakkuutavoitteita – Ilmastopaneeli: viisainta olisi vähentää hakkuita [Only one model in line with the Government's forest policy]**

Kanninen, M.  
18/02/2019  
1 item of Media coverage

**Vihreitä hampurilaisia - hiilenmustaa päästökauppaa [Green hamburgers - black trade of emissions]**

Kanninen, M.  
16/05/2022  
1 Media contribution

**Voiko sademetsät vielä pelastaa? [Can we still save the rain forests?]**

Kanninen, M.  
31/08/2019  
1 Media contribution

**When money grows on trees**

Kanninen, M.  
13/08/2009  
1 Media contribution

**WWF: EU maiden kulutus johtaa trooppiseen metsäkatoon [WWF: Consumption of EU countries leads to tropical deforestation]**

Kanninen, M.  
14/04/2021  
1 item of Media coverage

**YLE TV 1 A Studio 10.12.2014: Ilmastonmuutos ja Suomen metsät**

Kanninen, M.  
10/12/2014  
1 Media contribution

**YLE TV 1 Uutiset 3.11.2017: Metsät ja ilmastonmuutoksen torjunta [Forests and climate change mitigation]**

Kanninen, M.  
03/11/2017  
1 Media contribution