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Meritförteckning

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).

Publikationer

Variation of stress wave velocity, wood density and static bending strength of 22-year-old planted *Tectona grandis* trees in Northwest Vietnam

Van Duong, D. & Kanninen, M., 19 nov. 2024, I: Journal of Tropical Forest Science. 36, 4, s. 416-423 8 s.

Suomalaisen metsäosaamisen kansainvälisyysstrategia ja toimet sen toteuttamiseksi [The strategy for the internationalization of Finnish forest expertise and actions to implement it]

Kääri, L., Päivinen, R., Kanninen, M. & Rajala, P. T., 2024, Helsinki: Tapio Palvelut Oy. 43 s. (Tapion raportteja)

Viheliäiset ongelmat ja muut tulevaisuuden haasteet

Kanninen, M., 2024, I: Metsäylioppilas. 2024, s. 40-41 2 s.

Synergies and trade-offs between biodiversity and carbon in ecological compensation

Yirdaw, E., Kanninen, M. & Monge Monge, A. A., 3 aug. 2023, I: Sustainability. 15, 15, 14 s., 11930.

The role of private philanthropy in sustainability standards Harmonization: A Case Study

Camargo, M., Sarsfield, R., Kanninen, M. & Cashore, T., 5 juli 2023, I: Sustainability. 15, 13, 15 s., 10635.

Hyytiälän kesä 1973 - Kuvakavalkadi

Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T., 2023, *Puoli vuosisataa metsäisillä taipaleilla. Hyytiälän kurssi 65 mukana murroksissa*. Kanninen, M., Päivinen, R., Koskimäki, A. & Rajala, P. T. (red.). Helsinki: Hyytiälän kurssi 65, s. 46-60 15 s.

Hyytiälästä mieleen jäänyttä

Kanninen, M. & Väisänen, E., 2023, *Puoli vuosisataa metsäisillä taipaleilla. Hyytiälän kurssi 65 mukana murroksissa*.

Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T. (red.). Helsinki: Hyytiälän kurssi 65, s. 104-106 3 s.

Lukijalle

Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T., 2023, *Puoli vuosisataa metsäisillä taipaleilla. Hyytiälän kurssi 65 mukana murroksissa*. Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T. (red.). Helsinki: Hyytiälän kurssi 65, s. 6-8 3 s.

Meksikon kautta maailmalle

Kanninen, M., 2023, *Puoli vuosisataa metsäisillä taipaleilla. Hyttiälän kurssi 65 mukana murroksissa*. Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T. (red.). Helsinki: Hyttiälän kurssi 65, s. 190-197 8 s.

Metsätieteen yliopisto-opinnot nyt ja 50 vuotta sitten

Kanninen, M., 2023, *Puoli vuosisataa metsäisillä taipaleilla. Hyttiälän kurssi 65 mukana murroksissa*. Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T. (red.). Helsinki: Hyttiälän kurssi 65, s. 98-103 6 s.

Metsätutkinnon luonteesta (Alkuperäinen julkaisu: Metsäylioppilas 1974(3):4. Julkaistu uudelleen Metsäylioppilaat ry:luvalla)

Kanninen, M., 2023, *Puoli vuosisataa metsäisillä taipaleilla. Hyttiälän kurssi 65 mukana murroksissa*. Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T. (red.). Helsinki: Hyttiälän kurssi 65, s. 108-109 2 s.

Metsäylioppilaiden kuusikauppa käynnistyy

Rajala, P. T., Kanninen, M. & Väisänen, E., 2023, *Puoli vuosisataa metsäisillä taipaleilla: Hyttiälän kurssi 65 mukana murroksissa*. Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T. (red.). Helsinki: Hyttiälän kurssi 65, s. 109-111 3 s.

Nimet Impivaaran seinissä

Kanninen, M., 2023, *Puoli vuosisataa metsäisillä taipaleilla. Hyttiälän kurssi 65 mukana murroksissa*. Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T. (red.). Helsinki: Hyttiälän kurssi 65, s. 61-63 3 s.

Presidentin kuusi ja Metsäylioppilaat ry:n kannanotto 1974 (Kannanoton alkuperäinen julkaisu: Metsäylioppilas 1974(4): 16-17. Julkaistu uudelleen Metsäylioppilaat ry:n luvalla)

Kanninen, M., 2023, *Puoli vuosisataa metsäisillä taipaleilla. Hyttiälän kurssi 65 mukana murroksissa*. Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T. (red.). Helsinki: Hyttiälän kurssi 65, s. 111-112 2 s.

Puoli vuosisataa metsäisillä taipaleilla. Hyttiälän kurssi 65 mukana murroksissa

Kanninen, M. (Redaktör), Koskimäki, A. (Redaktör), Päivinen, R. (Redaktör) & Rajala, P. T. (Redaktör), 2023, Helsinki: Hyttiälän kurssi 65.

Syyskuu Brnossa - Tiedettä ja viiniä

Kanninen, M., 2023, *Puoli vuosisataa metsäisillä taipaleilla. Hyttiälän kurssi 65 mukana murroksissa*. Kanninen, M., Koskimäki, A., Päivinen, R. & Rajala, P. T. (red.). Helsinki: Hyttiälän kurssi 65, s. 185-189 5 s.

Leveraging the Power of Forests and Trees for Transformational Adaptation

Djoudi, H., Dooley, K., Duchelle, A. E., Libert-Amico, A., Locatelli, B., Balinga, M. B., Brockhaus, M., Colloff, M., Djenontin, N. I., Dirk, C., Duguma, L., Baa, O. E., Fedele, G., Gitz, V., Kachamba, D., Kanninen, M., Lavorel, S., Mbow, C., Meybeck, A. & Minang, P. A. och 7 andra, Mugabowindekwe, M., Munera, C., Pramova, E., Shackleton, S., Sonwa, D., Pinto, L. S. & Candotti, S. W., 7 nov. 2022, I: SSRN - Social Science Research Network. s. 1-26 26 s.

Financial attractiveness of wood production in smallholder plantations of Central Vietnam in the context of developing carbon markets

Arvola, A. M., Ha, H. T., Kanninen, M., Malkamäki, A. & Simola, N., 2021, I: Journal of Tropical Forest Science. 33, 2, s. 137-148 12 s.

Kokemuksia kansainvälisten tutkimuksen kentiltä [Notes from international research arena]

Kanninen, M., 2021, *Suomalaiset maailman metsissä oppimassa ja opettamassa*. Rajala, P. T. & Simula, A.-L. (red.). Nurmijärvi: Metsähistorian seura, s. 280-285 6 s.

Maailman ruokajärjestelmä isojen haasteiden edessä [Global food system facing huge challenges]

Kanninen, M., 2021, I: Kehittyvä Elintarvike. 5/2021, s. 14-15 2 s.

Study on EU forest policy. Task 3 - Impact assessment on demand-side measures to address deforestation. Final report. Bougas, K., Cherrier, V., Constantine, L., Calasso, M. P., McAndrew, K., Gilbert, J., Beznea, A., Whiteoak, K., Williams, R., Giannis, G., Finney, H., Dyson, J., Aerts, E., van den Berg, J., Kanninen, M. & Womack, L., 2021, Wood E&IS GmbH,

Trinomics, Ricardo Energy and Environment, Wageningen University and Research, Tysky, UNEP-WCMC, 276 s.

Aavikoituminen uhkaa miljoonien ihmisten ruokaturvaa ja terveyttä
Kanninen, M. T. & Kaarakka, V., 19 okt. 2020, I: Helsingin Sanomat.

Antibacterial potential of the Rubiaceae species Xeromphis nilotica (Stapf) and Gardenia lutea Fresen
Salih, E., Kanninen, M., Luukkanen, O., Vuorela, H. & Fyhrquist, P. J., 1 juli 2019, s. 1-1. 1 s.

Boswellia and Commiphora Species as a Resource Base for Rural Livelihood Security in the Horn of Africa: A Systematic Review
Hassan, B. A., Glover, E. K., Luukkanen, O., Kanninen, M. & Jamnadass, R., 1 juli 2019, I: Forests. 10, 7, 15 s., 551.

Mountain Farming Systems' Exposure and Sensitivity to Climate Change and Variability: Agroforestry and Conventional Agriculture Systems Compared in Ecuador's Indigenous Territory of Kayambi People
Córdova, R., Hogarth, N. & Kanninen, M., 1 maj 2019, I: Sustainability. 11, 9, 30 s., 2623.

Payments for adding ecosystem carbon are mostly beneficial to biodiversity

Larjavaara, M., Davenport, T. R. B., Gangga, A., Holm, S., Kanninen, M. & Nguyen, D. T., maj 2019, I: Environmental Research Letters. 14, 5, 9 s., 054001.

Greening the Dark Side of Chocolate: A Qualitative Assessment to Inform Sustainable Supply Chains

Camargo, M. C., Hogarth, N. J., Pacheco, P., Nhantumbo, I. & Kanninen, M., mars 2019, I: Environmental Conservation. 46, 1, s. 9-16 8 s.

Metsien hakkuiden kasvattaminen ei ole ilmastoteko

Seppälä, J. & Kanninen, M. T., 2019, I: Talous & yhteiskunta. 47, 1, s. 20-27 8 s.

Skenarioanalyysi metsien kehitystä kuvaavien mallien ennusteiden yhtäläisyksistä ja eroista

Kallikoski, T., Heinonen, T., Holder, J., Lehtonen, A., Mäkelä, A., Minunno, F., Ollikainen, M., Packalen, T., Peltoniemi, M., Pukkala, T., Salminen, O., Schelhaas, M.-J., Seppälä, J., Vauhkonen, J. & Kanninen, M., 2019, Suomen ilmastopaneeli. 88 s. (Suomen ilmastopaneeli. Raportti; nr. 2/2019)

Stand growth scenarios for jabon (Anthocephalus cadamba Miq.) plantation management in Indonesia: Agriculture and Natural Resources

Krisnawati, H., Kallio, M. H. & Kanninen, M., 2019, I: Agriculture and Natural Resources. 53, 2, s. 120-129 10 s.

Terminalia laxiflora and Terminalia brownii contain a broad spectrum of antimycobacterial compounds including ellagitannins, ellagic acid derivatives, triterpenes, fatty acids and fatty alcohols

Salih, E. Y. A., Julkunen-Tiitto, R., Lampi, A.-M., Kanninen, M., Luukkanen, O., Sipi, M., Lehtonen, M., Vuorela, H. & Fyhrquist, P., 5 dec. 2018, I: Journal of Ethnopharmacology. 227, s. 82-96 15 s.

A systematic review of the socio-economic impacts of large-scale tree plantations, worldwide

Malkamäki, A., D'Amato, D., Hogarth, N. J., Kanninen, M., Pirard, R., Toppinen, A. & Zhou, W., nov. 2018, I: Global Environmental Change. 53, s. 90-103 14 s.

Ellagittannins in antimycobacterial extracts of Combretum hartmannianum, a savannah woodland tree

Salih, E. Y. A., Kanninen, M. T., Julkunen-Tiitto, R., Sipi, M. H., Luukkanen, M. O., Vuorela, H. J. & Fyhrqvist, P. J., 27 aug. 2018. 1 s.

Land management in rural Burkina Faso: the role of socio-cultural and institutional factors

Etongo, D., Epule, T. E., Djenontin, I. N. S. & Kanninen, M., aug. 2018, I: Natural Resources Forum. 42, 3, s. 201-213 13 s.

Impact of agroforestry parklands on crop yield and income generation: case study of rainfed farming in the semi-arid zone of Sudan

Fahmi, M. K. M., Dafa-Alla, D.-A. M., Kanninen, M. & Luukkanen, O., juni 2018, I: Agroforestry Systems. 92, 3, s. 785-800 16 s.

Sustainability of Smallholder Livelihoods in the Ecuadorian Highlands: A Comparison of Agroforestry and Conventional Agriculture Systems in the Indigenous Territory of Kayambi People

Córdova, R., Hogarth, N. J. & Kanninen, M., juni 2018, I: Land. 7, 2, 31 s., 45.

Assessing the effectiveness of joint forest management in Southern Burkina Faso: A SWOT-AHP analysis

Etongo, D., Kanninen, M., Epule, T. E. & Fobissie, K., maj 2018, I: Forest Policy and Economics. 90, s. 31-38 8 s.

From divide to nexus: Interconnected land use and water governance changes shaping risks related to water

Räsänen, A., Nygren, A., Monge Monge, A. A., Käkönen, M., Kanninen, M. & Juhola, S., jan. 2018, I: Applied Geography. 90, s. 106-114 9 s.

Global variation in the cost of increasing ecosystem carbon

Larjavaara, M., Kanninen, M., Ruesta, H. G., Koskinen, J., Kukkonen, M., Käyhkö, N., Larson, A. M. & Wunder, S., jan. 2018, I: Nature Climate Change. 8, 1, s. 38-42 5 s.

Cross-Chapter Box 7: Land-Based Carbon Dioxide Removal in Relation to 1.5°C of Global Warming

Warren, R., Buckeridge, M., Fuss, S., Kanninen, M., Rogelj, J., Seneviratne, S. I. & Slade, R., 2018, *Global Warming of 1.5°C: An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty*. Intergovernmental Panel on Climate Change, s. 268-270 3 s.

Ilmastopaneelin näkemykset pitkän aikavälin päästövähennystavoitteen asettamisessa huomioon otettavista seikoista:

Ilmastopaneelin muistio asunto-, energia- ja ympäristöministeri Kimmo Tiilikaisen pyyntöön

Olkikainen, M. M. O., Asikainen, A., Järvelä, M., Kanninen, M. T., Kopsakangas-Savolainen, M., Kulovesi, K., Lanki, T., Laukkonen, M., Liimatainen, H., Linnanen, L., Regina, K., Ratinen, I., Seppälä, J. & Viisanen, Y., 2018, Suomen ilmastopaneeli. 28 s.

Impacts of 1.5°C Global Warming on Natural and Human Systems

Hoegh-Guldberg, O., Jacob, D., Bindi, M., Brown, S., Camilloni, I., Diedhiou, A., Djalante, R., Ebi, K., Engelbrecht, F., Guiot, J., Hijioka, Y., Mehrotra, S., Payne, A., Seneviratne, S. I., Thomas, A., Warren, R., Zhou, G., Halim, S. A., Achlatis, M. & Alexander, L. V. och 67 andra, Allen, M., Berry, P., Boyer, C., Byers, E., Brilli, L., Buckeridge, M., Cheung, W., Craig, M., Ellis, N., Evans, J., Fischer, H., Fraedrich, K., Fuss, S., Ganase, A., Gattuso, J. P., Greve, P., Bolaños, T. G., Hanasaki, N., Hasegawa, T., Hayes, K., Hirsch, A., Jones, C., Jung, T., Kanninen, M., Krinner, G., Lawrence, D., Lenton, T., Ley, D., Liverman, D., Mahowald, N., McInnes, K., Meissner, K. J., Millar, R., Mintenbeck, K., Mitchell, D., Mix, A. C., Notz, D., Nurse, L., Okem, A., Olsson, L., Oppenheimer, M., Paz, S., Petersen, J., Petzold, J., Preuschmann, S., Rahman, M. F., Rogelj, J., Scheuffele, H., Schleussner, C.-F., Scott, D., Séférian, R., Sillmann, J., Singh, C., Slade, R., Stephenson, K., Stephenson, T., Sylla, M. B., Tebboth, M., Tschakert, P., Vautard, R., Wartenburger, R., Wehner, M., Weyner, N. M., Whyte, F., Yohe, G., Zhang, X. & Zougmoré, R. B., 2018, *Global warming of 1.5°C : An IPCC Special Report*. Masson-Delmotte, V., Zhai, P., Pörtner, H. O., Roberts, D., Skea, J., Shukla, P. R., Pirani, A., Moufouma-Okia, W., Péan, C., Pidcock, R., Connors, S., Matthews, J. B. R., Chen, Y., Zhou, X., Gomis, M. I., Lonnoy, E., Maycock, T., Tignor, M. & Waterfield, T. (red.). IPCC Secretariat, s. 175-311 137 s.

Sustainable development, poverty eradication and reducing inequalities

Roy, J., Tschakert, P., Waisman, H., Halim, S. A., Antwi-Agyei, P., Dasgupta, P., Hayward, B., Kanninen, M., Liverman, D., Okereke, C., Pinho, P. F., Riahi, K. & Rodriguez, A. G. S., 2018, *Global warming of 1.5°C: An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty*. Masson-Delmotte, V., Zhai, P., Pörtner, H. O., Roberts, D., Skea, J., Shukla, P. R., Pirani, A., Moufouma-Okia, W., Péan, C., Pidcock, R., Connors, S., Matthews, J. B. R., Chen, Y., Zhou, X., Gomis, M. I., Lonnoy, E., Maycock, T., Tignor, M. & Waterfield, T. (red.). Intergovernmental Panel on Climate Change, s. 445-538 94 s.

Technical Summary

Allen, M. R., de Coninck, H., Dube, O. P., Hoegh-Guldberg, O., Jacob, D., Jiang, K., Revi, A., Rogelj, J., Roy, J., Shindell, D., Solecki, W., Taylor, M., Tschakert, P., Waisman, H., Halim, S. A., Antwi-Agyei, P., Aragón-Durand, F., Babiker, M.,

Bertoldi, P. & Bind, M. och 54 andra, Brown, S., Buckeridge, M., Camilloni, I., Cartwright, A., Cramer, W., Dasgupta, P., Diedhiou, A., Djalante, R., Dong, W., Ebi, K. L., Engelbrecht, F., Fifita, S., Ford, J., Forster, P., Fuss, S., Hayward, B., Hourcade, J.-C., Ginzburg, V., Guiot, J., Handa, C., Hijioka, Y., Humphreys, S., Kainuma, M., Kala, J., Kanninen, M., Kheshgi, H., Kobayashi, S., Kriegler, E., Ley, D., Liverman, D., Mahowald, N., Mechler, R., Mehrotra, S., Mulugetta, Y., Mundaca, L., Newman, P., Okereke, C., Payne, A., Perez, R., Pinho, P. F., Revokatova, A., Riahi, K., Schultz, S., Séférian, R., Seneviratne, S. I., Steg, L., Rodriguez, A. G. S., Sugiyama, T., Thomas, A., Vilariño, M. V., Wairiu, M., Warren, R., Zhou, G. & Zickfeld, K., 2018, *Global warming of 1.5°C : An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty*. Masson-Delmotte, V., Zhai, P., Pörtner, H. O., Roberts, D., Skea, J., Shukla, P. R., Pirani, A., Moufouma-Okia, W., Péan, C., Pidcock, R., Connors, S., Matthews, J. B. R., Chen, Y., Zhou, X., Gomis, M. I., Lonnoy, E., Maycock, T., Tignor, M. & Waterfield, T. (red.). Intergovernmental Panel on Climate Change, s. 27-46 20 s.

LC-MS/MS Tandem Mass Spectrometry for Analysis of Phenolic Compounds and Pentacyclic Triterpenes in Antifungal Extracts of Terminalia brownii (Fresen)

Salih, E. Y. A., Fyhrqvist, P. J., Abdalla, A. M. A., Abdelgadir, A. Y., Kanninen, M. T., Sipi, M. H., Luukkanen, M. O., Fahmi, M., Elamin, M. H. & Ali, H. A., dec. 2017, I: *Antibiotics*. 6 , 18 s., 37.

Assessing use-values and relative importance of trees for livelihood values and their potentials for environmental protection in Southern Burkina Faso

Etongo, D., Djenontin, I. N. S., Kanninen, M. & Glover, E. K., aug. 2017, I: *Environment, Development and Sustainability*. 19, 4, s. 1141-1166 26 s.

Identifying mismatches between institutional perceptions of water-related risk drivers and water management strategies in three river basin areas

Räsänen, T. A., Juhola, S. K., Monge Monge, A. A., Käkönen, M.-N. E., Kanninen, M. T. & Nygren, A. K., 31 maj 2017, I: *Journal of Hydrology*. 550, s. 704–715 12 s.

Main messages from researchers concerning the climate impacts of forest utilization

Seppälä, J., Asikainen, A., Kallikoski, T. K., Kanninen, M. T., Koskela, S., Ratinen, I. & Routa, J., 17 maj 2017, The Finnish Climate Change Panel. 16 s. (Report; nr. 1/2017)

Tutkijoiden päätiedot metsien käytön ilmastovaikutuksista

Seppälä, J., Asikainen, A., Kallikoski, T. K., Kanninen, M. T., Koskela, S., Ratinen, I. & Routa, J., 17 maj 2017, Suomen ilmastopaneeli. 18 s. (Suomen ilmastopaneeli. Raportti; nr. 1/2017)

The socioeconomic impacts of large-scale tree plantations on local communities: A systematic review protocol

Malkamäki, A., D'amato, D., Hogarth, N., Kanninen, M. T., Pirard, R., Toppinen, A. M. K. & Zhou, W., mars 2017, *CIFOR Working Paper 222*. Bogor: Center for International Forestry Research, s. 1-18 18 s.

CarboScen: A tool to estimate carbon implications of land-use scenarios

Larjavaara, M., Kanninen, M. T., Alam, S. A., Mäkinen, A. & Poeplau, C., 28 feb. 2017, I: *Ecography*. 40, 7, s. 894–900 7 s.

Synergies among social safeguards in FLEGT and REDD+ in Cameroon

Tegegne, Y. T., Ramcilovic-Suominen, S., Kalame, F. B., Visseren-Hamakers, I. J., Lindner, M. & Kanninen, M., feb. 2017 , I: *Forest Policy and Economics*. 75, s. 1-11 11 s.

Can conservation funding be left to carbon finance? Evidence from participatory future land use scenarios in Peru, Indonesia, Tanzania, and Mexico

Ravikumar, A., Larjavaara, M., Larson, A. & Kanninen, M., jan. 2017, I: *Environmental Research Letters*. 12, 1, 11 s., 014015.

An Integrated Approach to Capacity Development in Forestry and Climate Change in West Africa

Kalame, F., Etongo, D. & Kanninen, M., 2017, I: *Journal of Sustainable Development* . 10, s. 35-43 9 s.

Special issue: Drought and Dryland Management - a commentary

Yirdaw, E., Kanninen, M., Elfadl, M. & Tsegai, D., 2017, *Silva Fennica: Special issue: Drought and Dryland Management*. Finnish Society of Forest Science, Vol. 51. s. 1-2 (Silva Fennica; vol. 51, nr. 1B).

Special issue: Drought and Dryland Management

Yirdaw, E. (Redaktör), Kanninen, M. T. (Redaktör), Elfadol, M. A. (Redaktör) & Tsegai, D. (Redaktör), 2017, 1B red. Suomen Metsätieteellinen Seura. (Silva Fennica; vol. 51, nr. 1B)

Tannins, flavonoids and stilbenes in extracts of African savanna woodland trees *Terminalia brownii*, *Terminalia laxiflora* and *Anogeissus leiocarpus* showing promising antibacterial potential

Salih, E. Y. A., Kanninen, M., Sipi, M., Luukkanen, O., Hiltunen, R., Vuorela, H., Julkunen-Tiitto, R. & Fyhrqvist, P., 2017, I: South African Journal of Botany. 108, s. 370-386 17 s.

Impacts of land use and land use changes on the resilience of beekeeping in Uruguay

Malkamäki, A., Toppinen, A. & Kanninen, M., sep. 2016, I: Forest Policy and Economics. 70, s. 113-123 11 s.

Evolution of drivers of deforestation and forest degradation in the Congo Basin forests: Exploring possible policy options to address forest loss

Tegegne, Y. T., Lindner, M., Kalame, F. & Kanninen, M., feb. 2016, I: Land Use Policy. 51, s. 312-324 13 s.

Multifaceted Impacts of Sustainable Land Management in Drylands: A Review

Marques, M. J., Schwilch, G., Lauterburg, N., Crittenden, S., Tesfai, M., Stolte, J., Zdruli, P., Zucca, C., Petursdottir, T., Evelpidou, N., Karkani, A., AsliYilmazgil, Y., Panagopoulos, T., Yirdaw, E., Kanninen, M., Luis Rubio, J., Schmiedel, U. & Doko, A., feb. 2016, I: Sustainability. 8, 2, 34 s., 177.

A Systematic Approach to Strengthening Capacities on Climate Change and Natural Resource Management in West Africa

Fobissie Blese, K., Kanninen, M. T. & Etongo, D., 2016, Helsinki: Viikki Tropical Resource Institute, University of Helsinki. 7 s. (VITRI Brief; nr. 2)

Climate change, multiple stressors and human vulnerability: a systematic review

Räsänen, A., Juhola, S., Nygren, A., Käkönen, M., Kallio, M., Monge Monge, A. & Kanninen, M., 2016, I: Regional Environmental Change. 16, 8, s. 2291-2302 12 s.

Exploring Opportunities for Promoting Synergies between Climate Change Adaptation and Mitigation in Forest Carbon Initiatives

Chia, E. L., Fobissie Blese, K. & Kanninen, M., 2016, I: Forests. 7, 1, 16 s., 24.

Forest Carbon Initiatives Better Planning Needed for Maximizing Mitigation and Adaptation Synergies

Chia, E. L., Fobissie Blese, K. & Kanninen, M. T., 2016, Viikki Tropical Resource Institute, University of Helsinki. 8 s. (VITRI Brief; nr. 1)

Polyphenol-rich extracts of *Terminalia laxiflora* and *Terminalia brownii* give promising anti-Candida activity.

Salih, E. Y. A., Kanninen, M. T., Vuorela, H. J., Luukkanen, M. O., Sipi, M. H., Julkunen-Tiitto, R. & Fyhrqvist, P. J., 2016.

Poverty and Environmental Degradation in Southern Burkina Faso: An Assessment Based on Participatory Methods

Etongo Bau, D., Djenontin, I. N. S. & Kanninen, M. T., 2016, I: Land. 5, 3, 23 s., 20.

Suomi voi käyttää metsiä ilmastovisaasti

Seppälä, J., Kanninen, M. T., Vesala, T. V. & Ollikainen, M. M. O., 16 dec. 2015, I: Helsingin Sanomat. 16.12.2015, s. B12

Land tenure, asset heterogeneity and deforestation in Southern Burkina Faso

Etongo, D., Djenontin, I. N. S., Kanninen, M., Kalame, F., Korhonen-Kurki, K. & Djoudi, H., dec. 2015, I: Forest Policy and Economics. 61, s. 51-58 8 s.

African Traditional Medicinal Plants from Savannah Woodland in Sudan and their antimicrobial potential: In: International Doctoral Programme in Bioproducts Technology (PAPSAT)

Salih, E. Y. A., Sipi, M. H., Hiltunen, R. V. K., Fyhrqvist, P. J., Luukkanen, M. O. & Kanninen, M. T., 23 nov. 2015, *International Doctoral Programme in Bioproducts Technology (PAPSAT)*. Helsinki: International Doctoral Programme in Bioproducts Technology (PAPSAT), International Doctoral Programme in Bioproducts Technology (PAPSAT)

Identification of corilagin, punicalagin and ellagic acid derivatives from antibacterial and antioxidative extracts of African
Salih, E. Y. A., Kanninen, M. T., Luukkanen, M. O., Sipi, M. H., Hiltunen, R. V. K., Fyhrqvist, P. J. & Julkunen-Tiitto, R., 27 aug. 2015, I: *Planta Medica*. 2015, 81 - PM_63

Smallholders' Tree Planting Activity in the Ziro Province, Southern Burkina Faso: Impacts on Livelihood and Policy Implications

Etongo, D., Djenontin, I. N. S., Kanninen, M. & Kalame, F., aug. 2015, I: *Forests*. 6, 8, s. 2655-2677 23 s.

An integrated approach to capacity development in forestry and climate change in West Africa

Fobissie, K. & Kanninen, M., 2015, *XIV World Forestry Congress 2015: Technical papers and posters*. Rome: FAO, 6 s.

Characterization of antibacterial flavonoids and stilbenes of the root extract of Anogeissus leiocarpus by UHPLC-MS-QTOF

Salih, E. Y. A., Kanninen, M. T., Julkunen-Tiitto, R., Sipi, M. H., Luukkanen, M. O., Vuorela, H. J. & Fyhrqvist, P. J., 2015, *Planta Medica*. Georg Thieme Verlag, Vol. 81 - PM_77.

Determinants and constraints of integrating natural acacias into mechanised rain-fed agricultural schemes Sennar State, Sudan

Fahmi, M., Mohamed, E. S., Kanninen, M., Luukkanen, O., Kalame, F. B. & Eltayeb, A. M., 2015, I: *GeoJournal*. 80, 4, s. 555-567 13 s.

Ilmastosopeutumisen merkitys trooppiseen metsäisille maille

Kanninen, M., 2015, *Vuosisadan metsäbiologi: Peitsa Mikolan juhlakirja*. Kauppi, P. & Kotilehto, J. (red.). Espoo: Suomen Tiedeseura, s. 168-173 6 s. (Bidrag till kännedom av Finlands natur och folk; nr. 197).

Institutional interplay between REDD+ and FLEGT-VPAs: Options for Synergies in Congo Basin Countries

Tegegne, Y. T., Lindner, M., Fobissie Blese, K. & Kanninen, M., 2015, *XIV World Forestry Congress 2015: Technical papers and posters*. Rome: FAO, 6 s.

Metsien hyödyntäminen ja ilmastonmuutoksen hillintä: Forest use in mitigation of climate change

Seppälä, J. (Redaktör), Vesala, T. (Redaktör) & Kanninen, M. (Redaktör), 2015, Helsinki: Suomen ilmastopaneeli. 59 s. (Suomen ilmastopaneeli. Raportti; nr. 4/2015)

Metsien hyödyntämisen ilmastoavaliokset ja hillinnelujen kehittyminen: The climate effects of forest use and development of carbon sinks

Seppälä, J., Kanninen, M. T., Vesala, T., Uusivuori, J., Kalliokoski, T. K., Lintunen, J., Saikku, L., Korhonen, R. & Repo, A., 2015, Helsinki: Suomen ilmastopaneeli. 43 s. (Suomen ilmastopaneeli. Raportti; nr. 3/2015)

Modeling biomass and soil carbon sequestration of indigenous agroforestry systems using CO2FIX approach

Negash, M. & Kanninen, M., 2015, I: *Agriculture, Ecosystems & Environment*. 203, s. 147-155 9 s.

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

Neba, S. G., Kanninen, M., Atyi, R. E. & Sonwa, D. J., 2014, I: *Forest Ecology and Management*. 329, s. 177-185 9 s.

National-level FLEGT VPA and REDD+ interactions, Congo Basin

Tekle Tegegne, Y., Ochieng, R. M., Visseren-Hamakers, I. J., Lindner, M., Kalame, F. B. & Kanninen, M., 2014, *Linking FLEGT and REDD+ to Improve Forest Governance*. Broekhoven, G. & Wit, M. (red.). Wageningen: Tropenbos International, s. 18-24 7 s. (ETFRN news; nr. 55).

Scientists rebut NYTimes op-ed 'To Save the Planet, Don't Plant Trees'

Nepstad, D., Asner, G., Angelsen, A., Artaxo, P., Baethgen, W. E., Boer, R., Brando, P., Bustamante, M., Campbell, B., Canadell, J., Chambers, J., Costa, M., DeFries, R., Fernandes, K., Field, C., Foley, J., Goddard, L., Hergoualc'h, K., Herold, M. & Kanninen, M. och 10 andra, Martius, C., Matson, P., Murdiyarso, D., Nobre, C., Rosswall, T., Sheil, D., Smith, P., Verchot, L., Victoria, R. & Vitousek, P., 2014, Mongabay

Allometric equations for biomass estimation of *Ensete ventricosum* grown in indigenous agroforestry systems in the Rift Valley escarpment of southern-eastern Ethiopia

Negash, M., Starr, M. & Kanninen, M., 2013, I: Agroforestry Systems. 87, 3, s. 571-581 11 s.

Allometric equations for estimating aboveground biomass of *Coffea arabica* L. grown in the Rift Valley escarpment of Ethiopia

Negash, M., Starr, M., Kanninen, M. & Berhe, L., 2013, I: Agroforestry Systems. 87, 4, s. 953–966 14 s.

Analysis of Global Challenges and Future Research Needs in the Context of Low-income Countries. Report to Swedish International Development Cooperation Agency (SIDA)

Pakkasvirta, J., Kanninen, M., Koivusalo, M., Uusikylä, P., Rönkkö, M., Moore, A. & Pasanen, J., 2013, Helsinki. 127 s.

Energiajärjestelmä ja päästövähennystoimet - yhteenvetoraportti

Savolainen, I., Airaksinen, M., Cantell, H., Kanninen, M., Luostarinen, S., Peltonen-Sainio, P., Pingoud, K., Regina, K., Rinne, S., Seppälä, J. & Syri, S., 2013, Suomen ilmastopaneeli. 32 s. (Suomen ilmastopaneeli. Raportti; nr. 5/2013)

Erratum to: Allometric equations for estimating aboveground biomass of *Coffea arabica* L. grown in the Rift Valley escarpment of Ethiopia

Negash, M., Starr, M., Kanninen, M. & Berhe, L., 2013, I: Agroforestry Systems. 87, 6, s. 1451-1451 1 s.

Global emission reduction potential of additional mitigation measures

Halonen, M., Ryynänen, E., Sorasahih, H., Vihma, A. & Kanninen, M., 2013, Helsinki: Gaia Consulting Oy. 96 s.

Metsien käytön ja metsäbioenergian ilmastovaikutukset

Pingoud, K., Savolainen, I., Airaksinen, M., Seppälä, J., Kanninen, M. & Kilpeläinen, A., 2013, Suomen ilmastopaneeli. 25 s. (Suomen ilmastopaneeli. Raportti; nr. 2/2013)

Phytochemistry and antimicrobial studies of *Terminalia laiflora*, *Terminalia brownii* and *Anogeissus leiocarpus*

Salih, E. Y. A., Sipi, M. H., Kanninen, M. T., Fyhrqvist, P. J. & Luukkanen, M. O., 2013, *PaPSaT*. Vol. PaPSaT edition. Pp 128-131..

Vegetation structural characteristics and influence of topographic factors in the remnant moist Afromontane forest of Wondo Genet, south central Ethiopia

Kebede, M., Kanninen, M., Yirdaw, E. & Lemehihi, M., 2013, I: Journal of forestry research. 24, 3, s. 419–430 12 s.

A comparison of damage due to logging under different forms of resource access in east kalimantan, indonesia

Iskandar, H., Snook, L. K., Toma, T., Macdicken, K. G. & Kanninen, M., 2012, *The Decentralization of Forest Governance: Politics, Economics and the Fight for Control of Forests in Indonesian Borneo*. s. 173-191 19 s.

Impacts of forest and land management on biodiversity and carbon

Kapos, V., Kurz, W. A., Gardner, T., Ferreira, J., Guariguata, M., Koh, L. P., Mansourian, S., Parrotta, J. A., Sasaki, N., Schmitt, C. B., Barlow, J., Kanninen, M., Okabe, K., Pan, Y., Thompson, I. D. & Vliet, N. V., 2012, *Understanding Relationships between Biodiversity, Carbon, Forests and People: The Key to Achieving REDD+ Objectives. A Global Assessment Report. Prepared by the Global Forest Expert Panel on Biodiversity, Forest Management, and REDD+*. Parrotta, J. A., Wildburger, C. & Mansourian, S. (red.). Vienna: International union of forest research organizations, s. 53-80 28 s. (IUFRO World Series; nr. 31).

Mangrove adalah salah satu hutan terkaya karbon di kawasan tropis

Donato, D. C., Kauffman, J. B., Murdiyarso, D., Kurnianto, S., Stidham, M. & Kanninen, M., 2012, I: CIFOR Brief. 13, 12 s.

Metsät ilmastonmuutoksen torjunnassa ja siihen sopeutumisessa [Forests in combating and adapting to climate change]: Ilmaston muutos – syyt ja alueellisuus [Climate change - causes and regionality]. Seminaari 6.11.2012.

Kanninen, M., 2012, 28 s. Helsinki : Tutkijoiden ja kansanedustajien seura TUTKAS.

Overview of research funding for the different elements of the assessment

Kanninen, M., 2012, *Understanding Relationships between Biodiversity, Carbon, Forests and People: The Key to Achieving REDD+ Objectives. A Global Assessment Report. Prepared by the Global Forest Expert Panel on Biodiversity, Forest Management, and REDD+*. Parrotta, J. A., Wildburger, C. & Mansourian, S. (red.). Vienna: International union of forest research organizations, s. 145-146 2 s. (IUFRO World Series; nr. 31).

Rừng ngập mặn trong những kiểu rừng giàu trữ lượng các-bon nhất ở vùng nhiệt đới

Donato, D. C., Kauffman, J. B., Murdiyarso, D., Kurnianto, S., Stidham, M. & Kanninen, M., 2012, I: CIFOR Brief. 13, 12 s.

Smallholder teak plantations in two villages in Central Java: Silvicultural activity and stand performance
Kallio, M. H., Kanninen, M. & Krisnawati, H., 2012, I: Forests, Trees and Livelihoods. 21, 3, s. 158-175 18 s.

Soil Seed Bank and Seedlings Bank Composition and Diversity of Wondo Genet Moist Afromontane Forest South Central Ethiopia

Kebede, M., Kanninen, M., Yirdaw, E. & Lemenih, M., 2012, I: International Journal of Botany. 8, 4, s. 170-180 11 s.

Modified Taungya System in Ghana: A win-win practice for forestry and adaptation to climate change?

Kalame, F. B., Aidoo, R., Nkem, J., Ajayi, O., Kanninen, M., Luukkanen, O. & Idinoba, M., juni 2011, I: Environmental Science & Policy. 14, 5, s. 519-530

Acacia mangium Willd.: Ecology, silviculture and productivity

Krisnawati, H., Kallio, M. & Kanninen, M., 2011, Bogor: Center for International Forestry Research. 15 s.

Aleurites moluccana (L.) Willd.: Ecology, silviculture and productivity

Krisnawati, H., Kallio, M. & Kanninen, M., 2011, Bogor: Center for International Forestry Research. 11 s.

Anthocephalus cadamba Miq.: Ecology, silviculture and productivity

Krisnawati, H., Kallio, M. & Kanninen, M., 2011, Bogor: Center for International Forestry Research. 11 s.

Farmers' timber tree planting activity in Indonesia: case studies in the provinces of Java, Riau, and South Kalimantan

Kallio, M. H., Kanninen, M. T. & Rohadi, D., 2011, I: Forests, Trees and Livelihoods. 20, 2-3, s. 191-210 20 s.

Mahogany and Kadam planting farmers in South Kalimantan: The link between silvicultural activity and stand quality

Kallio, M. H., Kanninen, M. T., Krisnawati, H. & Rohadi, D., 2011, I: Small-Scale Forestry. 10, 1, s. 115-132 18 s.

Making the National Adaptation Programme of Action (NAPA) More Responsive to the Livelihood Needs of Tree Planting Farmers, Drawing on Previous Experience in Dryland Sudan

Kalame, F. B., Luukkanen, O. & Kanninen, M., 2011, I: Forests. 2, 4, s. 948-960

Mangroves among the most carbon-rich forests in the tropics

Donato, D. C., Kauffman, J. B., Murdiyarso, D., Kurnianto, S., Stidham, M. & Kanninen, M., 2011, I: Nature Geoscience. 4 , 5, s. 293-297 5 s.

Paraserianthes falcataria (L.) Nielsen: Ecology, silviculture and productivity

Krisnawati, H., Varis, E., Kallio, M. & Kanninen, M., 2011, Bogor: Center for International Forestry Research. 13 s.

Potential synergies of the main current forestry efforts and climate change mitigation in Central Africa
Sonwa, D. J., Walker, S., Nasi, R. & Kanninen, M., 2011, I: Sustainability Science. 6, 1, s. 59-67 9 s.

Productivity, Growth and Timber Yield of Hyeronima alchorneoides Allemao (Pilón) Plantations in Costa Rica
De los Santos-Posadas, H. M., Montero-Mata, M., Valdez-Lazalde, J. R. & Kanninen., M., 2011, *Restoring degraded landscapes with native species in Latin America*. Montagnini, F. & Finney, C. (red.). New York, NY: Nova Science Publishers, s. 97-112 16 s.

Resilience and vulnerability in the face of potential climate change: The case of Sudan (abstract of oral presentation delivered by Edmund Asare)

Asare, E., Luukkanen, O. & Kanninen, M., 2011, *Tropentag 2011: Development on the margin (book of abstracts)*. Becker, M., Kreye, C., Ripken, C. & Tielkes, E. (red.). Bonn: University of Bonn, s. 477

Summary and synthesis: The EU wood chain in a globalised world – impact of trade and policy factors for sustainability of wood chains between the EU and developing countries

Arts, E., Moiseyev, A., Solberg, B., Louman, B., Marien, J. N., Kanninen, M. T. & Roda, J.-M., 2011, *Report by INCO partners on selected policy changes in TWC and Europe*. European Forest Institute, Vol. 45. s. 5-15 (EFI Technical Report; vol. 45).

***Swietenia macrophylla* King: Ecology, silviculture and productivity**

Krisnawati, H., Kallio, M. & Kanninen, M., 2011, Bogor: Center for International Forestry Research. 14 s.

The EU wood chain in a globalised world

Arts, E., Moiseyev, A., Solberg, B., Louman, B., Marien, J. N., Kanninen, M. & Roda, J.-M., 2011

The Role of Boswellia and Commiphora Species in Rural Livelihood Security and Climate Change Adaptation in the Horn of Africa: Case Study of North-Eastern Kenya

Hassan, B. A., Glover, E. K., Luukkanen, O., Chikamai, B., Jamnadass, R., Iiyama , M. & Kanninen, M., 2011, I: International Journal of Social Forestry. 4, 1, s. 86-112 27 s.

The Role of Boswellia and Commiphora species in rural livelihood security and climate change adaptation in the Horn of Africa: Case study of northeastern Kenya

Hassan, B. A., Glover, E. K., Luukkanen, O., Chikamai, B., Jamnadass, R., Iiyama, M. & Kanninen, M., 2011, I: International Journal of Social Forestry. 4, 1, s. 86-112. 27 s.

Forests, Land Use, and Climate Change Assessment for USAID/Mexico. Final Report. Prepared by the CIFOR team
Kanninen, M. & Estrada, M., 15 apr. 2010, Center for International Forestry Research. 88 s.

Can adaptive policy address forestry and climate change adaptation in Africa?

Kalame, F. B., Luukkanen, O. & Kanninen, M., 2010, *2nd Global conference on environmental governance and democracy: Strengthening institutions to address climate change and advance a green economy.. [New Heaven]*: UNITAR and Yale University, s. 85

Carbon storage in mangrove and peatland ecosystems: a preliminary account from plots in Indonesia

Murdiyars, D., Donato, D., Kauffman, J. B., Kurnianto, S., Stidham, M. & Kanninen, M., 2010, Center for International Forestry Research. 35 s. (CIFOR Working Paper)

Ecosystem goods and services from plantation forests

Bauhus, J., Van der Meer, P. & Kanninen, M., 2010, London, UK: Earthscan. 240 s.

Forests and Climate Change Toolbox

Angelsen, A., Baur, H., Haskett, J., Kanninen, M. T., Lasco, R., Locatelli, B., Murdiyars, D., Santoso, L., Smith, P., Swallow, B., van Noordwijk, M. & Wertz-Kanounnikoff, S., 2010

Forests and Society – Responding to Global Drivers of Change

Mery, G., Katila, P., Galloway, G., Alfaro, R. I., Kanninen, M., Lobovikov, M. & Varjo, J., 2010, Vienna: International union of forest research organizations. 509 s. (IUFRO World Series)

Harnessing forests for climate change mitigation through REDD+

Kanninen, M., Brockhaus, M., Murdiyarso, D. & Nabuurs, G.-J., 2010, *Forest and society - responding to global drivers of change*. Mery, G., Katila, P., Galloway, G., Alfaro, R. I., Kanninen, M., Lobovikov, M. & Varjo, J. (red.). Vienna: International union of forest research organizations, s. 43-54 12 s. (IUFRO World Series; nr. 25).

Landscape-scale variation in the structure and biomass of the hill dipterocarp forest of Sumatra: Implications for carbon stock assessments

Laumonier, Y., Edin, A., Kanninen, M. & Munandar, A. W., 2010, I: *Forest Ecology and Management*. 259, s. 505-513 9 s.

Plantation forests: global perspectives

Kanninen, M. T., 2010, *Ecosystem Goods and Services from Plantation Forests*. Bauhus, J., Van der Meer, P. & Kanninen, M. (red.). Earthscan, s. 16-42

Servicios ecosistémicos y adaptación al cambio climático

Locatelli, B. & Kanninen, M., 2010, *Adaptación al cambio climático y servicios ecosistémicos en América Latina. Libro de actas del Seminario Internacional sobre Adaptación al Cambio Climático: el Rol de los Servicios Ecosistémicos (SIAASE 2008)*. Martínez-Alonso, C., Locatelli, B., Vignola, R. & Imbach, P. (red.). Centro Agronómico Tropical de Investigación y Enseñanza (CATIE), Vol. 99. s. 11-20 10 s. (Serie técnica. Manual técnico).

Sustainability of wood supply: risk analysis for a pulp mill in Guangxi, China

Varmola, M., Kanninen, M., Li, N. & Xu, D., 2010, *Forest and society - responding to global drivers of change*. Mery, G., Katila, P., Galloway, G., Alfaro, R. I., Kanninen, M., Lobovikov, M. & Varjo, J. (red.). Vienna: International union of forest research organizations, s. 385-398 14 s. (IUFRO World Series; nr. 25).

What is a REDD+ pilot? A preliminary typology based on early actions in Indonesia

Madeira, E. M. M., Sills, E., Brockhaus, M., Verchot, L. V. & Kanninen, M., 2010, I: *CIFOR Brief*. 26, 8 s.

A Comparison of Damage Due to Logging under Different Forms of Resource Access in East Kalimantan, Indonesia

Iskandar, H., Snook, L. K., Toma, T., MacDicken, K. G. & Kanninen, M., 2009, *The Decentralization of Forest Governance*. Moeliono, M., Wollenberg, E. & G., L. (red.). London: Earthscan, s. 173-191 19 s.

Counting on forest and accounting for forest contribution in national climate change actions

Nkem, J., Oswald, D., Kudejira, D. & Kanninen, M., 2009, Bogor, Indonesia: Center for International Forestry Research. (CIFOR Working Paper)

Evaluating whether protected areas reduce tropical deforestation in Sumatra

Gaveau, D. L. A., Epting, J., Lyne, O., Linkie, M., Kumara, I., Kanninen, M. & Leader-Williams, N., 2009, I: *Journal of Biogeography*. 36, s. 2165-2175 11 s.

Forest degradation: it is not a matter of new definitions

Guariguata, M. R., Nasi, R. & Kanninen, M., 2009, I: *Conservation Letters*. 2, s. 286-287 2 s.

Forest, development cooperation, and climate change: is there room for win-win situations?

Kanninen, M., 2009, *Rethinking development in a carbon-constrained world: development cooperation and climate change*. Palosuo, E. (red.). Erweko Painotuote Oy: Ministry for Foreign Affairs of Finland, s. 134-142 9 s.

Inisiatif pemanfaatan limbah kayu sebagai sumber penghasilan di tingkat masyarakat

Iskandar, H., Santosa, K. D., Kanninen, M. & Gunarso, P., 2009, *Pengelolaan sumberdaya hutan di era desentralisasi: pelajaran yang dipetik dari hutan penelitian Malinau, Kalimantan Timur, Indonesia*. Gunarso, P., Setyawati, T., Sunderland, T. C. H. & Shackleton, C. (red.). Bogor, Indonesia: Center for International Forestry Research, s. 125-137 13 s.

Matching national forest policies and management practices for climate change adaptation in Burkina Faso and Ghana
Kalame, F. B., Nkem, J., Idinoba, M. & Kanninen, M., 2009, I: Mitigation and Adaptation Strategies for Global Change. 14, 2, s. 135-151 17 s.

Pembalakan ramah lingkungan: Manfaat dan hambatan

Priyadi, H., Sist, P., Gunarso, P., Kanninen, M., Kartawinata, K., Sheil, D., Setyawati, T., Dwiprabowo, H., Siswoyo, H., Silooy, G., Siregar, C. A. & Dharmawan, W. S., 2009, *Pengelolaan sumberdaya hutan di era desentralisasi: pelajaran yang dipetik dari hutan penelitian Malinau, Kalimantan Timur, Indonesia*. Gunarso, P., Setyawati, T., Sunderland, T. C. H. & Shackleton, C. (red.). Bogor, Indonesia: Center for International Forestry Research, s. 87-103 17 s.

Realising REDD+: National strategy and policy options

Angelsen, A., Brockhaus, M., Kanninen, M., Sills, E., Sunderlin, W. D. & Wertz-Kanounnikoff, S., 2009, Bogor, Indonesia: Center for International Forestry Research. 361 s.

The future of forests and orangutans (*Pongo abelii*) in Sumatra: predicting impacts of oil palm plantations, road construction, and mechanisms for reducing carbon emissions from deforestation

Gaveau, D. L. A., Wich, S., Epting, J., Juhn, D., Kanninen, M. & Leader-Williams, N., 2009, I: Environmental Research Letters. 4, s. - 11 s.

The impacts and opportunities of oil palm in Southeast Asia: What do we know and what do we need to know?

Sheil, D., Casson, A., Meijaard, E., van Noordwijk, M., Gaskell, J., Sunderland-Groves, J., Wertz, K. & Kanninen, M., 2009 , Occasional Paper 51: Center for International Forestry Research. (Occasional Paper; vol. 51)

Tropiikin metsäkato saa vihdoin huomioita ilmastopolitiikassa [Tropical deforestation finally recognized as a part of international climate policy]

Marttila, V. & Kanninen, M. T., 17 jan. 2008, I: Helsingin Sanomat. Vieraskynä, 17.1.2008, s. A2

An Outlook for Asian Forests in the New Climate Regime

Murdiyarso, D. & Kanninen, M., 2008, *Climate Change Negotiations: Can Asia Change the Game?*. Loh, C., Stevenson, A. & Tay, S. (red.). Hong Kong: Civic Exchange, s. 74-87 14 s.

Facing an Uncertain Future? How forests and people can adapt to climate change

Locatelli, B., Kanninen, M., Brockhaus, M., Pierce Colfer, C. J., Murdiyarso, D. & Santoso, H., 2008, Bogor, Indonesia: Center for International Forestry Research. 86 s. (Forest Perspectives)

How can we monitor, report and verify carbon emissions from forests?

Wertz-Kanounnikoff, S., Verchot, L. V., Kanninen, M. & Murdiyarso, D., 2008, *Moving Ahead with REDD: Issues, Options and Implications..* Angelsen, A. (red.). Bogor, Indonesia: Center for International Forestry Research, s. 87-98 12 s.

How do we measure and monitor forest degradation?

Murdiyarso, D., Skutsch, M., Guariguata, M. R., Kanninen, M., Luttrell, C., Verweij, P. & Martins, O. S., 2008, *Moving Ahead with REDD: Issues, Options and Implications.* Angelsen, A. (red.). Bogor, Indonesia: Center for International Forestry Research, s. 99-106 8 s.

Le palmier à huile, Dr Jekill pour l'énergie, Mr Hyde pour la biodiversité

Levang, P., Sheil, D. & Kanninen, M., 2008, I: Liaison énergie-francophonie. Numero Special, s. 26-31 6 s.

Methods and Tools for Assessing the Vulnerability of Forests and People to Climate Change: An Introduction
Locatelli, B., Herawati, H., Brockhaus, M. & Kanninen, M., 2008, Center for International Forestry Research.

Prioritisation for Adaptation in Tropical Forest Ecosystems

Nkem, J., Idinoba, M., Santoso, H., Perez, C. J., Forner, C., Locatelli, B. & Kanninen, M., 2008, Bogor: Center for International Forestry Research. 21 s. (CIFOR Working Paper)

Do trees grow on money?: the implications of deforestation research for policies to promote REDD

Kanninen, M. T., Murdiyarso, D., Seymour, F., Angelsen, A., Wunder, S. & German, L., 2007, Center for International Forestry Research. 61 s. (Forest Perspectives; nr. 4)

Hyeronima alchorneoides: ecología y silvicultura en Costa Rica

Montero M., M., Posadas, H. D. L. S. & Kanninen, M., 2007, Turrialba, Costa Rica: Centro Agronómico Tropical de Investigación y Enseñanza (CATIE). 50 s. (CATIE, SérieTécnica, Informe Técnico)

Landscape Mosaics: Integrating Forest Management and Environmental Services in Tropical Landscapes

Kanninen, M., 2007, *Biodiversity Conservation Corridors Initiative; International Symposium*. Carew-Reid, J., Salazar, R. & Spring, S. (red.). Bangkok: Greater Mekong Subregion Environment Operations Center, Asian Development Bank, s. 25 1 s.

Reduced impact logging: benefits and constraints

Priyadi, H., Sist, P., Gunarso, P., Kanninen, M., Kartawinata, K., Sheil, D., Setyawati, T., Dwiprabowo, H., Siswoyo, H., Silooy, G., Siregar, C. A. & Dharmawan, W. S., 2007, *Managing forest resources in a decentralized environment: lessons learnt from the Malinau research forest, East Kalimantan, Indonesia*. Bogor, Indonesia: Center for International Forestry Research, s. 87-105 19 s.

Revitalizing the United Nations forum on forests: critical issues and ways forward

Capistrano, D., Kanninen, M., Guariguata, M. R., Barr, C., Sunderland, T. & Raitzer, D., 2007, Forests and Governance Programme 10: Center for International Forestry Research.

The Quantification and Use of Wood Waste for Community-Level Income Generation Initiatives.

Iskandar, H., Dwi Santosa, K., Kanninen, M. & Gunarso, P., 2007, *Managing Forest Resources in a decentralized Environment. Lessons Learnt from the Malinau Research Forest, East Kalimantan Indonesia*. Bogor, Indonesia: Center for International Forestry Research, Vol. Technical Report of ITTO Project PD 39/00 Rev. 3 (F). s. 119-132 14 s.

Using Tropical Forest Ecosystem Goods and Services for Planning Climate Change Adaptation with Implications for Food Security and Poverty Reduction

Nkem, J., Santoso, H., Brockhaus, M., Kanninen, M. & Murdiyarso, D., 2007, *Journal of SAT Agricultural Research*. (Journal of SAT Agricultural Research; vol. 4, nr. 1).

A comparison of damage due to logging under different forms of resource access in East Kalimantan, Indonesia

Iskandar, H., Snook, L. K., Toma, T., MacDicken, K. G. & Kanninen, M., 2006, I: *Forest Ecology and Management*. 237, 1-3, s. 83-93 11 s.

Allometric models for estimating aboveground biomass of shade trees and coffee plants grown together

Segura, M., Kanninen, M. & Suárez, D., 2006, I: *Agroforestry Systems*. 68, s. 143-50

Biomass of teak plantations in Tamil Nadu, India and Costa Rica compared

Buvaneswaran, C., George, M., Perez, D. & Kanninen, M., 2006, I: *Journal of Tropical Forest Science*. 18, s. 195-197 3 s.

Dynamic dominant height growth curves for Terminalia amazonia (Gmel.) Excell in Costa Rica

De los Santos-Posadas, H. M., Montero-Mata, M. & Kanninen, M., 2006, I: *Agrociencia*. 40, 4, s. 521-532 12 s.

Funciones diversificadas de los bosques plantados. CD-rom

Varmola, M., Lee, D., Montagnini, F., Saramäki, J., Gautier, D., Kanninen, M., Mery, G., Pérez Cordero, L. D. & Trevin, J., 2006, The International Union of Forest Research Organizations (IUFRO).

Methods and procedures for defining best silvicultural practices and management regimes for fast-growing tree plantations

Kanninen, M. & Pérez, D., 2006, *Multipurpose Trees in the Tropics: Assessment, Growth and Management*. Tewari, V. P. & Srivastava, R. L. (red.). Scientific Publishers of India, s. 407-404

Metsädialogin tarve ja mahdollisuudet maailmalla [Multi-stakeholder dialogue in global forestry - needs and challenges]
Kanninen, M., 2006, *Viisastu visioista, usko unelmiin. Päättäjien Metsäakatemia 10 vuotta*. Helström, E. (red.). Helsinki: Suomen Metsäyhdistys ry., s. 39-40 2 s.

Silvia: a flexible system for integrated forest management

Vallejo, A., Víquez, E., Montero, M. & Kanninen, M., 2006, *Multipurpose Trees in the Tropics: Assessment, Growth and Management, 22 – 25 November 2004*. Tewari, V. P. & Srivastava, R. L. (red.). Jodhpur, India: Scientific Publishers, Jodhpur, India, s. 422-427 6 s.

The Development of Baseline and Project Scenarios of Small-scale A/R CDM Project Activities in Indonesia using CO2Fix Models

Iskandar, H., Murdiyarno, D. & Kanninen, M., 2006, 53 s. (Asian Development Bank Technical Assistance Report TA 4137-INO)

Allometric models for tree volume and total aboveground biomass in a tropical humid forest in Costa Rica
Segura, M. & Kanninen, M., 2005, I: *Biotropica*. 37, 1, s. 2-8 7 s.

Bosques para el Nuevo Milenio: Bosques que beneficien a la gente y sustenten la naturaleza

Mery, G. (Redaktör), Alfaro, R. (Redaktör), Kanninen, M. (Redaktör), Lobovikov, M. (Redaktör), Vanhanen, H. (Redaktör) & Pye-Smith, C., 2005, Helsinki, Finland: Ministry of Foreign Affairs of Finland & International Union of Forest Research Organizations.

Changing Paradigms in Forestry: Repercussions for People and Nature

Mery, G., Alfaro, R., Kanninen, M. & Lobovikov, M., 2005, *Forests in the Global Balance - Changing Paradigms*. Mery, G., Alfaro, R., Kanninen, M. & Lobovikov, M. (red.). Helsinki: International union of forest research organizations, s. 13-20 (IUFRO World Series; nr. 17).

Demand and Supply for Ecosystem Services from Tropical Forests

Koellner, T., Sell, J., Gaehwiler, M., Glanzmann, S., Guyer, M., Dannecker, C., Ziltener, T., Scholz, R., Imbach, P., Pedroni, L., Kanninen, M. & Robledo, C., 2005.

Des forêts pour le nouveau millénaire: Des forêts à gérer dans l'intérêt des gens et de la nature

Mery, G. (Redaktör), Alfaro, R. (Redaktör), Kanninen, M. (Redaktör), Lobovikov, M. (Redaktör), Vanhanen, H. (Redaktör) & Pye-Smith, C. (Redaktör), 2005, Helsinki, Finland: Ministry of Foreign Affairs of Finland & International Union of Forest Research Organizations.

Determination of sustainable management of natural tropical forests using SYMFOR modelling framework

Sianturi, P. & Kanninen, M., 2005, *International Congress on Modelling and Simulation Advances and Applications for Management and Decision Making*. Zerger, A. & Argent, R. M. (red.). Modelling and Simulation Society of Australia and New Zealand Inc. (MSSANZ), Vol. MODSIM05. s. 1977-1984

Effect of thinning on stem form and wood characteristics of teak (*Tectona grandis*) in humid tropical site in Costa Rica
Perez, D. & Kanninen, M., 2005, I: *Silva Fennica*. 39, 2, s. 217-225 9 s.

Environmental Services of Native Tree Plantations and Agroforestry Systems in Central America

Montagnini, F., Cusack, D., Petit, B. & Kanninen, M., 2005, I: *Journal of Sustainable Forestry*. 21, 1, s. 51-67 17 s.

Forests for the New Millennium: Making forests work for people and nature

Mery, G. (Redaktör), Alfaro, R., Kanninen, M. (Redaktör), Lobovikov, M. (Redaktör), Vanhanen, H. (Redaktör) & Pye-Smith, C. (Redaktör), 2005, Helsinki, Finland: Ministry of Foreign Affairs of Finland & International Union of Forest Research Organizations.

Forests in the global balance – changing paradigms

Mery, G., Alfaro, R., Kanninen, M. & Lobovikov, M., 2005, Helsinki: International union of forest research organizations. (IUFRO World Series; vol. 17)

High Input Plantations of Costa Rica

Pérez, L. D. & Kanninen, M., 2005, *Quality Timber Products of Teak from Sustainable Forest Management. Proceedings of the International Conference on Quality Timber Products of Teak from Sustainable Forest Management.* Bhat, K. M., Nair, K. K. N., Bhat, K. V., Muralidhara, E. M. & Sharma, J. K. (red.). Peechi: Kerala Forestry Research Institute, s. 236-242 7 s.

Landscape mosaics: Integrating forest management and environmental services in tropical landscapes

Kanninen, M., 2005, *Integrated Management of Environmental Services in Human-Dominated Tropical Landscapes. Abstracts of the 4th Henry Wallace/CATIE Inter-American Scientific Conference Series, 1-3 Nov 2005.* CATIE (red.). Centro Agronómico Tropical de Investigación y Enseñanza (CATIE), s. 41 1 s.

Presentation to the book

Kanninen, M., Robledo, C. & Pedroni, L., 2005, *Tropical forests and adaptation to climate change: In search of synergies.* Bogor: Center for International Forestry Research, s. 1-4 4 s.

Silvia: a flexible system for integrated forest management

Vallejo, A., Víquez, E., Montero, M. & Kanninen, M., 2005, I: Série Técnica. 35, s. 68-72 5 s.

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

Perez, D. & Kanninen, M., 2005, I: Forest Ecology and Management. 210, 1-3, s. 425-441 17 s.

Tropical forests and adaptation to climate change: in search of synergies

Robledo, C., Kanninen, M. & Pedroni, L., 2005, Bogor, Indonesia: Center for International Forestry Research.

Agroforestry Systems and Carbon Sequestration: Potential and Perspectives

Kanninen, M., 2004, *1st World Congress of Agroforestry, Working Together for Sustainable Land Use Systems.* Vol. Book of Abstracts. s. 13 1 s.

CO2FIX V 3.1 A modelling framework for quantifying carbon sequestration in forest ecosystems

Schelhaas, M. J., Esch, P. W. V., Groen, T. A., Jong, B. H. J. D., Kanninen, M., Liski, J., Masera, O., Mohren, G. M. J., Nabuurs, G. J., Palosuo, T., Pedroni, L., Vallejo, A. & Vilen, T., 2004, I: Alterra-rapport. 1068, s. 1-122 122 s.

CO2FIX Version 3.1

Schelhaas, M. J., Esch, P. W. V., Groen, T. A., Jong, B. H. J. D., Kanninen, M., Liski, J., Masera, O., Mohren, G. M. J., Nabuurs, G. J., Palosuo, T., Pedroni, L., Vallejo, A. & Vilen, T., 2004

Forest plantations in Costa Rica and Nicaragua: performance of species and preferences of farmers

Piotto, D., Montagnini, F., Kanninen, M., Ugalde, L. & Víquez, E., 2004, I: Journal of Sustainable Forestry. 18, 4, s. 59-77 19 s.

Heartwood, sapwood and bark content of *Bombacopsis quinata* in Costa Rica

Pérez, D., Kanninen, M., Matamoros, F., Fonseca, W. & Chavez, E., 2004, I: Journal of Tropical Forest Science. 16, 3, s. 318-327 10 s.

Intensity and timing of the first thinning of *Tectona grandis* plantations in Costa Rica: results of a thinning trial

Kanninen, M., Pérez, D., Montero, M. & Víquez, E., 2004, I: Forest Ecology and Management. 203, 1-3, s. 89-99 11 s.

Pure and mixed forest plantations with native species of the dry tropics of Costa Rica: a comparison of growth and productivity

Piotto, D., Víquez, E., Montagnini, F. & Kanninen, M., 2004, I: Forest Ecology and Management. 190, 2-3, s. 359-372 14 s.

Aboveground biomass of *Tectona grandis* plantations in Costa Rica

Pérez Cordero, L. D. & Kanninen, M., 2003, I: Journal of Tropical Forest Science. 15, 1, s. 199-213 15 s.

A preliminary pruning program for *Tectona grandis* plantations in Costa Rica

Pérez Cordero, L. D., Víquez, E. & Kanninen, M., 2003, I: Journal of Tropical Forest Science. 15, 4, s. 557-569 13 s.

Costa Rican metsät tuottavat ympäristöpalveluja. [Costa Rican forests deliver environmental services]

Myatt-Hirvonen, O. & Kanninen, M. T., 2003, I: Metsätieteen aikakauskirja. 1/2003, s. 73-76

Growth and effects of thinning of mixed and pure plantations with native trees in humid tropical Costa Rica

Piotti, D., Montagnini, F., Ugalde, L. & Kanninen, M., 2003, I: Forest Ecology and Management. 177, 1-3, s. 427-439 13 s.

Heartwood, sapwood and bark content, and wood dry density of young and mature teak (*Tectona grandis*) trees grown in Costa Rica

Cordero, L. D. P. & Kanninen, M., 2003, I: Silva Fennica. 37, 1, s. 45-54 10 s.

Índice de sitio para *Terminalia amazonia* en Costa Rica

Montero, M. & Kanninen, M., 2003, I: Agronomía Costarricense. 27, 1, s. 29-35 7 s.

Modeling carbon sequestration in afforestation, agroforestry and forest management projects: the CO2FIX V.2 approach

Masera, O. R., Garza-Caligaris, J. F., Kanninen, M., Karjalainen, T., Liski, J., Nabuurs, G. J., Pussinen, A., Jong, B. H. J. D. & Mohren, G. M. J., 2003, I: Ecological Modelling. 164, 2-3, s. 177-199 23 s.

Performance of forest plantations in small and medium-sized farms in the Atlantic lowlands of Costa Rica

Piotti, D., Montagnini, F., Ugalde, L. & Kanninen, M., 2003, I: Forest Ecology and Management. 175, 1-3, s. 195-204 10 s.

Provisional equations for estimating total and merchantable volume of *Tectona grandis* trees in Costa Rica

Pérez Cordero, L. D. & Kanninen, M., 2003, I: Forests, Trees and Livelihoods. 13, 4, s. 345-359 15 s.

Stand growth scenarios for *Bombacopsis quinata* plantations in Costa Rica

Pérez Cordero, L. D., Kanninen, M. & Ugalde Arias, L. A., 2003, I: Forest Ecology and Management. 174, 1-3, s. 345-352 8 s.

Beneficios sociales y económicos del bosque en la reserva de la Biosfera Maya, Petén, Guatemala [Social benefits and financial profitability of community forest management in the Biosfera Maya reserve, Guatemala]

Mollinedo, A. D. C., Campos, J. J., Kanninen, M. & Gómez, M., 2002, Turrialba: Centro Agronómico Tropical de Investigación y Enseñanza (CATIE). 37 s. (CATIE, SérieTécnica, Informe Técnico; vol. 327)

Biomasa y carbono en plantaciones de *Terminalia amazonia* en la zona Sur de Costa Rica

Montero, M. & Kanninen, M., 2002, I: Revista forestal centroamericana. 39-40, s. 50-55 6 s.

CO2FIX V 2.0: Manual of a modelling framework for quantifying carbon sequestration in forest ecosystems and wood products

Nabuurs, G., Garza-Caligaris, J. F., Kanninen, M., Karjalainen, T., Lapvetelainen, T., Liski, J., Masera, O., Mohren, G. M. J., Olgua, M., Pussinen, A. & J., S. M., 2002, I: Alterra-rapport. 445, s. 1-44 44 s.

CO2FIX Version V 2.0

Nabuurs, G., Garza-Caligaris, J. F., Kanninen, M., Karjalainen, T., Lapvetelainen, T., Liski, J., Masera, O., Mohren, G. M. J., Olgua, M., Pussinen, A. & J., S. M., 2002

Comportamiento de las especies y preferencias de los productores Plantaciones forestales en Costa Rica y Nicaragua

Piotti, D., Montagnini, F., Kanninen, M., Ugalde Arias, L. A. & Víquez, E., 2002, I: Revista forestal centroamericana. 38, s. 59-66 8 s.

Composición florística y estructura de los bosques secundarios en el municipio de San Carlos, Nicaragua
Moraes Ferreira, C., Finegan, B., Kanninen, M., Delgado, L. D. & Segura, M., 2002, I: Revista forestal centroamericana. 38, s. 44-50 7 s.

Decision Support System for sustainable ECOsystem MANagement in Atlantic Rain Forest Rural Areas
Lourenço, N., Harum, T., Pereira, J. L., Kanninen, M., Lieberei, R., González, A. & Feoli, E., 2002, 4 s.

Estimación del volumen comercial a diámetros y alturas variables para *Tectona grandis* L.F. en Costa Rica
Pérez, L. D. & Kanninen, M., 2002, I: Revista forestal centroamericana. 39-40, s. 56-59 4 s.

Land use changes and carbon flows in Central America: options for carbon management
Kanninen, M., Myatt-Hirvonen, O., Salinas, Z., Segura, M. & Berninger, F., 2002, *Understanding the Global System. The Finnish Perspective*. Käyhkö, J. & L., T. (red.). Turku: Finnish Global Change Research Programme FIGARE, s. 201-205 5 s.

Wood specific gravity and aboveground biomass of *Bombacopsis quinata* plantations in Costa Rica
Perez Cordero, L. D. & Kanninen, M., 2002, I: Forest Ecology and Management. 165, 1-3, s. 1-9 9 s.

Beneficios sociales y económicos del bosque en la reserva de la Biosfera Maya, Petén, Guatemala
Mollinedo, A. D. C., Campos, J. J., Kanninen, M. & Gómez, M., 2001, I: Revista forestal centroamericana. 34, s. 57-60 4 s.

CO2Fix Version 2: A cohort model for calculating the above-ground carbon sequestration in tropical forests and agroforestry systems
Kanninen, M., 2001, I: Revista Forestal Iberoamericana. 1, 1, s. 88-91 4 s.

Costa Rica country case study: Impacts and responses to the 1997-98 El Niño event
Jones, J., Wesselman, S., Kanninen, M., Jiménez, F., Lok, R., Ramírez, P., Zarate, E., Jiménez, M. & García, E., 2001, *Once burned, twice shy? Lesson learned from the 1997-1998 El Niño*. Glanz, M. (red.). Hong Kong: United Nations University, s. 57-66 10 s.

Forest Set-Asides and Carbon Sequestration
Sohngen, B., Sedjo, R. A., Kanninen, M. & Mery, G., 2001, *World Forests, Markets and Policies*. Palo, M., Uusivuori, J. & Mery, G. (red.). Dordrecht: Springer Netherlands, s. 61-69 9 s.

Relación del índice de sitio con los factores que influyen en el crecimiento de *Tectona grandis* L. F. y *Bombacopsis quinata* (Jacq.) Dugand, en Costa Rica
Montero M., M., Ugalde Arias, L. A. & Kanninen, M., 2001, I: Revista forestal centroamericana. 35

SILVIA: Una nueva herramienta para la planeación forestal
Kanninen, M., Vallejo, A., Montero, M. & Víquez, E., 2001, I: Revista forestal centroamericana. 34, s. 94 1 s.

Almacenamiento y fijación de carbono en bosques de bajura de la zona atlántica de Costa Rica
Segura, M., Kanninen, M., Alfaro, M. & Campos, J. J., 2000, I: Revista forestal centroamericana. 30, s. 23-28 6 s.

Daños causados por el huracán Mitch en rodales intervenidos y no intervenidos
Rivas, H., Kanninen, M., Louman, B., Finegan, B. & Galloway, G., 2000, I: Revista forestal centroamericana. 30, s. 58-62

Desarrollo de escenarios de crecimiento para plantaciones de teca (*Tectona grandis*) en Costa Rica
Pérez Cordero, L. D., Ugalde Arias, L. & Kanninen, M., 2000, I: Revista forestal centroamericana. 31, s. 16-22 7 s.

Globalización ambiental y libre comercio [Environmental globalization and free trade]
Kanninen, M., 2000, *Comercio e integración en las Américas*. Vilasuso, J. M., Trejos Solórzano, R. & Rojas R., M. (red.). San José: IICA, s. 51-54 4 s.

Secuestro de Carbono en los Bosques: El papel de los bosques en el Ciclo Global de Carbono

Kanninen, M., 2000, *Intensificación de la ganadería en Centroamérica: Beneficios económicos y ambientales*. Pomareda, C. & Steinfeld, H. (red.). Turrialba: CATIE, FAO, SIDE, s. 137-149 13 s.

Análisis de los programas de incentivos a la reforestación implementados en Costa Rica

Godoy, J. C., Kanninen, M., Ramírez, O. & Gómez, M., 1999, *Logros de la investigación para el nuevo milenio. Actas IV Semana Científica del CATIE. 6-9 de abril, 1999. Serie Técnica. Reuniones Técnicas 5*. Turrialba, Costa Rica, s. 392-395 4 s.

CO2FIX For Windows: a dynamic model of the CO2-fixation in forests; Version 1.2

Mohren, G. M. J., Garza Caligaris, J. F., Masera, O., Kanninen, M., Karjalainen, T., Pussinen, A. & Nabuurs, G. J., 1999, I: IBN Scientific Contributions. 99, 1, 33 s.

Cuantificación del carbono almacenado en el suelo de un sistema silvopastoril en la zona Atlántica de Costa Rica.

López, A., Schlönvoigt, A., Ibrahim, M., Kleinn, C. & Kanninen, M., 1999, I: Agroforestería en las Américas. 6, 23, s. 51-53 3 s.

Cuantificación del carbono almacenado en un sistema silvopastoril en la zona atlántica de Costa Rica

López Musalem, A., Schlönvoigt, A., Ibrahim, M., Kleinn, C. & Kanninen, M., 1999, *Logros de la investigación para el nuevo milenio. Actas IV Semana Científica del CATIE. 6-9 de abril, 1999. Serie Técnica. Reuniones Técnicas 5*. Turrialba, Costa Rica, s. 263-267 5 s.

Desarrollo de escenarios preliminares de crecimiento para plantaciones de *Tectona grandis* y *Bombacopsis quinata* en Costa Rica

Pérez, L. D., Ugalde, L. & Kanninen, M., 1999, *Logros de la investigación para el nuevo milenio. Actas IV Semana Científica del CATIE. 6-9 de abril, 1999. Serie Técnica. Reuniones Técnicas 5*. Turrialba, Costa Rica: CATIE, Turrialba, s. 332-335 4 s.

El balance de carbono y su valor económico en un bosque subhúmedo estacional de Santa Cruz, Bolivia

Solíz, B., Kanninen, M., Campos, J. J. & Aguirre, J., 1999, *Logros de la investigación para el nuevo milenio. Actas IV Semana Científica del CATIE. 6-9 de abril, 1999. Serie Técnica. Reuniones Técnicas 5*. Turrialba, Costa Rica: CATIE, Turrialba, Vol. 5. s. 405-408 4 s.

Evaluación económica del servicio de sumidero de carbono en diferentes ecosistemas forestales

Ortíz, R. & Kanninen, M., 1999, *Logros de la investigación para el nuevo milenio. Actas IV Semana Científica del CATIE. 6-9 de abril, 1999. Serie Técnica. Reuniones Técnicas 5*. Turrialba, Costa Rica: CATIE, Turrialba, s. 401-404 4 s.

Foliage biomass - sapwood (area and volume) relationships of *Tectona grandis* L.F. and *Gmelina arborea* Roxb.: silvicultural implications

Morataya, R., Galloway, G., Berninger, F. & Kanninen, M., 1999, I: Forest Ecology and Management. 113, 2-3, s. 231-239 9 s.

Forest Plantations and Carbon Sequestration in Chile

Mery, G. & Kanninen, M., 1999, *Forest Transitions and Carbon Fluxes. Global Scenarios and Policies*. Palo, M. (red.). Helsinki: UNU-Wider, s. 74-100. (World Development Studies; vol. 15).

Índice de sitio para *Tectona grandis* y *Bombacopsis quinata* en Costa Rica y su relación con variables fisiográficas, climáticas, edáficas y foliares

Montero, M., Ugalde, L. & Kanninen, M., 1999, *Logros de la investigación para el nuevo milenio. Actas IV Semana Científica del CATIE. 6-9 de abril, 1999. Serie Técnica. Reuniones Técnicas 5*. Turrialba, Costa Rica: CATIE, Turrialba, s. 336-340 5 s.

Modeling the growth and development of teak (*Tectona grandis*) using process-based models

Berninger, F. & Kanninen, M., 1999, *Logros de la investigación para el nuevo milenio. Actas IV Semana Científica del CATIE. 6-9 de abril, 1999. Serie Técnica. Reuniones Técnicas 5*. Turrialba, Costa Rica: Catie, Vol. 5. s. 341-344 4 s. (Serie Técnica. Reuniones Técnicas).

Proporción de madera de durámen en áboles de *Tectona grandis* y *Bombacopsis quinata* en Costa Rica
Pérez, L. D., Ugalde, L. & Kanninen, M., 1999, *Logros de la investigación para el nuevo milenio. Actas IV Semana Científica del CATIE. 6-9 de abril, 1999. Serie Técnica. Reuniones Técnicas 5.* Turrialba, Costa Rica: CATIE, Turrialba, s. 328-331 4 s.

The Current and Future Role of Long-Term Observations in Forestry (Preface)
Kanninen, M., 1999, *Long-Term Observations and Research in Forestry, February 23-27, 1999.* Kleinn, C. & Köhl, M. (red.). Catie, s. iv

Networking the research in biotechnology and forest tree improvement in Central America and the Caribbean
Kanninen, M., Aguilar, M. E., Navarro, C. & Cote, F., 1998, *Recent Advances in Biotechnology for Tree Conservation and Management, Proceedings of an IFS Workshop in Florianopolis, Brazil, 15-19 September 1997.* Pp. 319-327.. Burns, S., Mantell, S., Trägårdh, C. & Viana, A. M. (red.). International Foundation for Science (IFS), s. 319-327

Agroforestry in China: Present State and Future Potential
Huang, W., Kanninen, M., Xu, Q. & Huang, B., 1997, I: *Ambio.* 26, 6, s. 394-398 5 s.

El sector forestal en Finlandia: el desarrollo del manejo sustentable de bosques de pequeños productores
Kanninen, M., 1996, I: *Revista forestal centroamericana.* 15, 1, s. 25-33 9 s.

Reseña (Book Review): Planificación y Gerencia de la Investigación Forestal (Eds. R. Guevara, B. Finegan, J.J. Campos) Curso de Autoaprendizaje. 1995. IUFRO, Vienna and CATIE, Turrialba
Kanninen, M., 1996, I: *Revista forestal centroamericana.* 15, 1, s. 56 1 s.

Tutkimus [Research]
Kanninen, M., 1996, *Ilmastonmuutos ja Suomi [Climate Change and Finland].* Kuusisto, E., Kauppi, L. & Heikinheimo, P. (red.). Helsinki: Yliopistopaino, s. 253-256.

Criterios y elementos para la planificación de plantaciones forestales. Guía del Planificador, Compendio 1995
Flores, O., Fernández, H., Kanninen, M., Korhonen, E., Noguez, A. & Ruokonen, M., 1995, Acuerdo de Cooperación en Materia Forestal entre México y Finlandia. 95 s. (Manuales y guías; nr. 9)

Effects of Vapour Pressure Deficit and Soil Water Content on Leaf Water Potential between Selected Provenances of *Eucalyptus microtheca* in an Irrigated Plantation, Eastern Kenya
Tuomela, K. & Kanninen, M., 1995, I: *Silva Fennica.* 29, 3, s. 217-224 8 s.

Evaluation of STEP and EPOCH Programmes (1989-1993): Science and Technology policy series
Zanchi, C., Blundell, D., Fontan, J., Gerstengarbe, F. W., Heip, C., Kanninen, M. & Terradas, J., 1995, European Commission, 84 s.

Forest research network in South-Western Europe: the collaboration between the European Forest Institute (EFI) and Unión de Selvicultores del Sur de Europa (USSE)
Kanninen, M., 1995, European Forest Institutue (EFI), s. 18 p. + 39 p. App.

Forestry sector cooperation between Nepal and Finland: Review of past and current developments and preparation of possible future cooperation
Kanninen, M., Lehtonen, P. & Willams, P., 1995, Ministry of Foreign Affairs of Finland, s. 51 p. + 8 App. 41 p.

Identification mission for an environmental sector programme between Nicaragua and Finland
Kanninen, M. & Uosukainen, J., 1995, Ministry of Foreign Affairs of Finland.

La Sabana: Experiencia de 20 años de una plantación forestal comercial. Evaluación del proyecto de plantaciones forestales en La Sabana, Oax.

Acevedo Herrera, A., Kanninen, M. & Korhonen, E., 1995, (Acuerdo de Cooperación en Materia Forestal entre México y Finlandia. Informes técnicos; vol. 34)

Needs for Geo-referenced Information on European Forests for Global Change Studies

Kanninen, M., 1995, *Proceedings International Workshop Designing a System of Nomenclature for European Forest Mapping.* (Eds. P.J. Kennedy, R. Päivinen & L. Roihuvuo). European Forest Institute, Joensuu, Finland, 13-15 June, 1994. European Commission, Joint Research Centre, Institute for Remote Sensing Applications. Report EUR 16113 EN red. Joensuu: European Forest Institute, s. 11-19 9 s.

The Finnish Research Programme on Climate Change SILMU

Heikinheimo, P. & Kanninen, M. T., 1995, *Climate Change Research: Evaluation and Policy Implications..* Zwerver, S., van Rompuy, R. S. A. R., Kok, M. T. J. & Berk, M. M. (red.). Amsterdam: Elsevier Science B.V., Vol. 65B. s. 1419 1422 s.

Carbon Balance of World's Forested Ecosystems. Towards a Global Assessment: Proceedings of the IPCC AFOS Workshop in Joensuu, Finland, 11 to 16 May, 1992

Kanninen, M. (Redaktör), 1994, Helsinki: Painatuskeskus Oy. 271 s. (Publications of the Academy of Finland)

La Sabana: Experiencia de 20 años de una plantación forestal comercial

Acevedo Herrera, A., Kanninen, M. & Korhonen, E., 1994, *Memoria. IV Reunión nacional de plantaciones forestales..* Mexico, D.F., s. 377-422

Lectio precursori

Kanninen, M., 1994, "Tässä seison enkä muuta voi". *Kokoelma väitösölektioita vuosilta 1984-83.* Hari, P. (red.). s. 5-8 4 s. (Helsingin yliopiston metsäekologian laitoksen julkaisuja 9. University of Helsinki, Department of Forest Ecology, Publications 9).

Metsäsanasto Espanja-Suomi-España. Terminología Forestal Español-Finlandés-Español

Kanninen, M. T. & Mery, G., 1994, Helsinki: Suomen Metsätieteellinen Seura. 218 s.

The Finnish Research Programme on Climate Change (SILMU). Second Progress Report

Kanninen, M. & Heikinheimo, P., 1994, Helsinki. 414 s. (Publications of the Academy of Finland)

Ilmastosopimus väljänäkin vaikea toteuttaa [Even with low-ambition commitments a climate deal will be difficult to reach]
Kanninen, M. T., 1 dec. 1993, I: Helsingin Sanomat. Vieraskynä (Yliö), 1.12.1993, s. A2

Comparison of the radiative forcings due to the CO₂ emissions caused by fossil fuel and forest management scenarios in Finland

Kanninen, M., Korhonen, R., Savolainen, I. & Sinisalo, J., 1993, *Proceedings of the IPCC WG III Workshop on Carbon balance of world's forested ecosystems: towards a global analysis. Publications of the Academy of Finland 3/93.* s. 240-251 12 s.

Techniques for Developing Regional Climatic Scenarios for Finland: Report of an International Workshop held in Espoo (Hanasaaari), Finland, 2-4 June 1993

Carter, T. R. (Redaktör), Holopainen, E. (Redaktör) & Kanninen, M. (Redaktör), 1993, 63 s. (Publications of the Academy of Finland)

Ilmakehänmuutosten tutkimus

Kanninen, M., 1992, *Muuttuva ilmakehä. Ilmasto, luonto, ihminen. Katsaus ilmakehänmuutosten peruskysymyksiin.* Kanninen, M. (red.). Helsinki: VAPK-kustannus, s. 155-158 4 s.

Ilmastonmuutosten maailmanlaajiset vaikutukset

Kanninen, M., 1992, *Muuttuva ilmakehä. Ilmasto, luonto, ihminen. Katsaus ilmakehänmuutosten peruskysymyksiin.* Kanninen, M. (red.). Helsinki: VAPK-kustannus, s. 57-65 9 s.

Muuttuva ilmakehää. Ilmakehää, luonto, ihmisen. Katsaus ilmakehänmuutosten peruskysymyksiin. [Changing atmosphere - book]

Kanninen, M. (Redaktör), 1992, VAPK-Publishing. 163 s.

Onko ilmasto lämpenemässä?

Kanninen, M., 1992, *Mitä, Missä, Milloin* 1993. Helsinki: Kustannusosakeyhtiö Otava, s. 342-345 4 s.

Patterns in aboveground carbon allocation and tree architecture that favor stem growth in young Scots pine from high latitudes

Kuuluvainen, T. T. & Kanninen, M., 1992, I: *Tree Physiology*. 10, 1, s. 69-80 12 s.

Suomalainen ilmakehänmuutosten tutkimusohjelma SILMU. Tutkimusten väliraportit

Kanninen, M. & Anttila, P., 1992, Helsinki. (Suomen Akatemian julkaisuja)

The Finnish Research Programme on Climate Change (SILMU). Progress Report

Kanninen, M. & Anttila, P., 1992, Helsinki. (Publications of the Academy of Finland)

Torjunnan ja sopeutumisen keskeisiä kysymyksiä

Kanninen, M., Carter, T., Karjalainen, T., Laine, J., Mela, T., Pietarinen, M., Pipatti, R., Pirilä, P., Savolainen, I. & Valsta, L., 1992, *Muuttuva ilmakehää. Ilmasto, luonto, ihmisen. Katsaus ilmakehänmuutosten peruskysymyksiin*. Kanninen, M. (red.). Helsinki: VAPK-kustannus, s. 155-158 4 s.

Ilmastonmuutokset ja niiden seurausvaikutukset [Climatic changes and their effects]

Kanninen, M., 1991, I: *Puu*. 1991, 6, s. 497-502

Ilmastonmuutosten vaikutukset

Kanninen, M., 1991, *Ilmastonmuutos ja Suomi - kohti kansallista toimintastrategiaa*. Anttila, P. (red.). VAPK-kustannus, Vol. 4/91. s. 27-33 7 s. (Suomen Akatemian julkaisuja).

Havupuiden pituuskasvu

Kanninen, M., 1990, *Johdatus metsien perustuotantobiologiaan*. Lahti, T. & Smolander, H. (red.). s. 183-206 24 s. (Silva Carelica; nr. 16).

Ilmastonmuutos ja Suomen metsien tulevaisuus [Climate change and the future of Finnish forests]

Kanninen, M., 1990, I: *Metsänhoitaja*. 1991, 2, s. 4-7 4 s.

Manual para el manejo de semillas de coníferas

Kanninen, M., Hernandez Mendez, H., Alho, P., Mejia Fernández, L. & Mastache Mondragón, A., 1990, México, D.F.: Secretaría de Agricultura y Recursos Hidráulicos, Subsecretaría Forestal, Dirección General de Protección Forestal. 68 s.

Shoot growth and its clonal variation in Pinus kesiya

Sirikul, W. & Kanninen, M., 1990, I: *Silva Fennica*. 24, 2, s. 303-313 11 s.

SILMU tutki ilmakehänmuutosten syitä ja seurauksia

Kanninen, M., 1990, I: *Ympäristö ja terveys*. 1990, 9-10, s. 632-635 4 s.

Tree ring analysis of Araucaria angustifolia in Southern Brazil: Preliminary results

Seitz, R. & Kanninen, M., 1989, I: *IAWA Journal*. 10, 2, s. 170-174 5 s.

Kaukokartoitus metsätaloudessa (Remote sensing in forestry)

Häme, T. (Redaktör), Ihälainen, A. (Redaktör) & Kanninen, M. (Redaktör), 1988, *Metsäntutkimuslaitoksen Tiedonantoja* 319. 69 s. (Metsäntutkimuslaitoksen Tiedonantoja)

New techniques in crop physiology of forest trees

Kanninen, M., 1988, *Simpósio bilateral Brasil-Finlândia sobre actualidades florestais, 16 a 22 de Outubro de 1988.* Curitiba, Brazil: UFPR/IBDF, s. 28-42 15 s.

Tree architecture in young Scots pine: properties, spatial distribution and relationships of components of tree architecture

Kuuluvainen, T., Kanninen, M. & Salmi, J. P., 1988, I: *Silva Fennica*. 22, 2, s. 147-161 15 s.

Tree ring analysis of Araucaria angustifolia in Southern Brazil: Preliminary results

Seitz, R. & Kanninen, M., 1988, I: *Floresta*. 18, 1-2, s. 55-61 7 s.

Meille jokaiselle kasvaa melkein hehtaari metsää

Kanninen, M., 1987, I: *Metsälehti*. 1987, 23, s. 2-3 2 s.

Metsäylioppilaiden kaukomatkat: turhaa vai tarpeellista?

Kanninen, M., 1987, I: *Yliopisto : Helsingin yliopiston tiedelehti*. 1987, 23, s. 5-7 3 s.

Suomi kehittämässä Meksikon metsä- ja puutaloutta.

Kanninen, M. & Simula, M., 1987, I: *Metsä ja Puu : metsätaloudellinen aikakauslehti*. 1987, 5, s. 36-37 2 s.

The organization, financing, and planning of Finnish forestry research

Kanninen, M., 1987, *Proceedings of the Symposium on the cooperation of forestry sector between Finland and Brazil, August 10-11, 1987*. Parviainen, J. (red.). The Finnish Forest Research Institute, Vol. 273. s. 116-123 8 s. (The Finnish Forest Research Institute Research Papers).

Espanjassa metsitetään ja torjutaan eroosiota

Kanninen, M., 1986, I: *Metsä ja Puu : metsätaloudellinen aikakauslehti*. 1986, 1, s. 34-35 2 s.

Forest-based socio-economic development and deforestation in developing countries

Palo, M., Kanninen, M., Mery, G. & Selby, A., 1986, *Congress Report. 18th IUFRO World Congress*. International union of forest research organizations, s. 553-551

Guerreron metsähanke. Metsäyhteistyötä Meksikossa

Kanninen, M., 1986, I: *Kehitysyhteistyö*. 1986, 1, s. 13-15 3 s.

Kaksituhatta metsäntutkijaa kokonntui Jugoslaviassa

Kanninen, M., 1986, I: *Metsä ja Puu : metsätaloudellinen aikakauslehti*. 1986, 4, s. 44 1 s.

The maturation of Scots pine seeds in relation to climate in Northern Finland

Henttonen, H., Kanninen, M., Nygren, M. & Ojansuu, R., 1986, I: *Scandinavian Journal of Forest Research*. 1, 2, s. 243-249 7 s.

A photographic system for measuring shoot elongation in tree seedlings and relation to solar radiation and temperature

Kanninen, M., Pohja, T. & Siivola, E., 1985, I: *Growth, Development, and Aging*. 49, s. 44-50 7 s.

La investigación y la información como base de la política forestal

Kanninen, M., 1985, s. 1. 11 s.

Shoot elongation in Scots pine: diurnal variations and response to temperature

Kanninen, M., 1985, I: *Journal of Experimental Botany*. 36, s. 1760-1770 11 s.

The annual cycle of forest trees: The Sarvas approach revisited

Hänninen, H., Kanninen, M. & Smolander, H., 1985, *Crop physiology of forest trees*. Tigerstedt, P. M. A., Puttonen, P. & Koski, V. (red.). Finland: Helsinki University Press, s. 195-201 7 s.

Studies on the shoot elongation in Scots pine: diurnal variations in relation to temperature. (Dissertation)

Kanninen, M., 1984, Helsinki: University of Helsinki, Department of Silviculture. 69 s.

Tree growth as a dynamic system: Time-series analysis of diurnal variations in growth response to temperature

Kanninen, M., 1983, I: *Revue de Bio-Mathématique*. 84, s. 39-52 14 s.

A dynamic model for above ground dry matter production of a plant community

Kanninen, M., Hari, P. & Kellomäki, S., 1982, I: *Journal of Applied Ecology*. 19, s. 465-476 12 s.

A simulation model for daily growth of shoots, needles, and stem diameter in Scots pine trees

Pietarinen, I., Kanninen, M., Hari, P. & Kellomäki, S., 1982, I: *Forest Science*. 28, 3, s. 573-581 9 s.

Metsikön varhaiskehityksen dynamiikka. Summary: Dynamics of early development of tree stand

Hari, P., Kellomäki, S., Mäkelä, A., Ilonen, P., Kanninen, M., Korpilahti, E. & Nygren, M., 1982, I: *Acta forestalia Fennica*. 177, s. 1-42 42 s.

Book review: Tropical forests, utilization and conservation (Ed. by F. Mergen)

Kanninen, M., 1981, I: *Scandinavian forest economics*. 22/23, s. 39-43 5 s.

Eco-physiological studies on young Scots pine stands: II. Distribution of needle biomass and its application in approximating light conditions inside the canopy

Kellomäki, S., Hari, P., Kanninen, M. & Ilonen, P., 1980, I: *Silva Fennica*. 14, 3, s. 243-256 14 s.

Eco-physiological studies on young Scots pine stands: IV. Allocation of photosynthates for crown and stem growth

Kellomäki, S. & Kanninen, M., 1980, I: *Silva Fennica*. 14, 4, s. 397-408 12 s.

A method for approximating the photosynthetic production of stand members inside the canopy

Kellomäki, S., Salminen, R., Hari, P., Ventilä, M., Kanninen, M., Kauppi, P. & Smolander, H., 1979, I: *Journal of Applied Ecology*. 16, s. 243-252 10 s.

An automatic system for measurements of gas exchange and environmental factors in a Scots pine stand, with special reference to measuring principles

Hari, P., Kanninen, M., Kellomäki, S., Luukkanen, O., Pelkonen, P., Salminen, R. & Smolander, H., 1979, I: *Silva Fennica*. 13, 1, s. 94-100 7 s.

Inherent growth rhythm of some Larix-species grown in a plastic greenhouse

Koskimäki, A., Hari, P., Kellomäki, S. & Kanninen, M., 1979, I: *Silva Fennica*. 13, 1, s. 108-114 7 s.

On distribution of growth in crown system of some young Scots pine stands

Ilonen, P., Kellomäki, S., Hari, P. & Kanninen, M., 1979, I: *Silva Fennica*. 13, 4, s. 316-326 11 s.

An electronic auxanometer for field use

Hari, J., Kanninen, M. & Hari, P., 1978, I: *Silva Fennica*. 12, 4, s. 275-279 5 s.

The above ground growth rate of a dwarf shrub community

Kellomäki, S., Hari, P., Vuokko, R., Väisänen, E. & Kanninen, M., 1977, I: *Oikos*. 29, s. 143-149 7 s.

Projekt

CLIDEV: Strengthening Climate Change Education for Sustainable Development in Vietnam

Yirdaw, E. (Principal Investigator), Chakma, D. (Projektledare), Hogarth, N. (Deltagare), Monge Monge, A. A. (Deltagare), Bui, C. (Deltagare), Webb, E. L. (Deltagare), Siddall, R. (deltagare), Kanninen, M. (Deltagare), Kaislasalmi, E. E. (deltagare), Ylinen, I. K. M. (deltagare) & Starr, M. (deltagare)

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. (Projektledare), Hogarth, N. (Deltagare) & Monge Monge, A. A. (Deltagare)

01/10/2017 → 31/08/2021

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

Kanninen, M. (Principal Investigator), Chakma, D. (Projektledare), Yirdaw, E. (Deltagare), Hogarth, N. (Deltagare), Monge Monge, A. A. (Deltagare), Lakkala, M. (Deltagare), Ilomäki, L. (Deltagare), Starr, M. (Deltagare), Siddall, R. (Deltagare) & Rekola, M. (Deltagare)

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. (Projektledare)

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. (Projektledare)

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. (Projektledare), 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. (Projektledare)

01/01/2017 → 31/12/2018

Hiiilifksu järjestö (Climate-smart NGO)

Kanninen, M. (Principal Investigator) & Jaurimaa, A. K. (Projektledare)

01/05/2018 → 30/11/2018

GET-LDC: Kohti vihreää taloutta vähiten kehittyneissä maissa: Metsä- ja energiapolitiikan haasteet Kambodzhassa ja Laosissa.

Kanninen, M. (Principal Investigator), Kallio, M. (Deltagare), Chakma, D. (Deltagare) & Hogarth, N. (Deltagare)

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. (Projektledare) & Etongo Bau, D. (Deltagare)

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. (Projektledare) & 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. (Projektledare), Lakkala, M. (Annan), Ilomäki, L. (Annan) & Muukkonen, H. (Annan)
01/12/2015 → 31/12/2017

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

Nygren, A. (Projektledare), 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. (Projektledare)
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. (Projektledare), Malkamäki, A. (Principal Investigator), D'amato, D. (Deltagare), Toppinen, A. (Deltagare) & Hogarth, N. (Deltagare)
01/04/2016 → 31/08/2017

Metsäbiomassan käyttö ilmastonmuutoksen hillinnässä

Kanninen, M. (Projektledare)
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. (Projektledare) & Larjavaara, M. (Deltagare)
01/03/2015 → 28/02/2017

UNCCD Drought: Drought and Dryland Management

Yirdaw, E. (Projektledare), Kanninen, M. (Deltagare), Elfadl, M. (Deltagare), Monge Monge, A. A. (Deltagare) & Kalame, F. B. (Deltagare)
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) & Ekoos, K. (Projektledare)
Opetus- ja kulttuuriministeriö
01/10/2014 → 31/12/2016

CIFOR Secondment: CIFOR Secondment

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

Forest Landscape Rehabilitation in the Mekong River Basin

Yirdaw, E. (Principal Investigator), Chakma, D. (Projektledare), Monge Monge, A. A. (Deltagare) & Kanninen, M. (Deltagare)
01/03/2013 → 31/03/2016

FoLAFI: Forestry higher education cooperation between Laos and Finland

Kanninen, M. (Principal Investigator) & Chakma, D. (Projektledare)

ULKOASIAINMINISTERIÖ

01/07/2014 → 29/02/2016

Learning from REDD+: An Enhanced Global Comparative Analysis

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

01/01/2013 → 31/12/2015

Landscape Management Planning and Training for the Environment in South Sudan

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

01/05/2013 → 31/12/2015

Metsien hyödyntämisen ilmostovaikutukset ja hiilinielujen kehittyminen

Kanninen, M. (Projektledare)

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. (Projektledare), Kanninen, M. (Deltagare), Monge Monge, A. A. (Deltagare), Horne, P. (Deltagare), Kerkelä, L. (Deltagare) & Kniivilä, M. (Deltagare)

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) & Ekoos, K. (Projektledare)

Opetus- ja kulttuuriministeriö

05/11/2012 → 31/12/2013

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

Kanninen, M. (Projektledare)

20/10/2011 → 31/12/2013

Energiajärjestelmä ja päästövähennystoimet

Kanninen, M. (Projektledare)

14/09/2012 → 31/03/2013

Aktiviteter**Field course Tropical Forests and Agroforests**

Chakma, D. (Sekreterare i organisationskommitté), Webb, E. L. (Ordförande i organisationskommitté), Yirdaw, E. (Talare: Presentation), Kanninen, M. (Talare: Presentation), Chen, J. (Närvarande) & Naing, A. K. (Närvarande)

6 jan. 2025 → 20 jan. 2025

Climate change and Vulnerability

Chakma, D. (Ordförande i organisationskommitté) & Kanninen, M. (Talare: Ordförande)

8 nov. 2024 → 9 nov. 2024

Thai Nguyen Climate Conference 2024

Chakma, D. (Medlem i organisationskommitté) & Kanninen, M. (Talare: Inledningsanförande (keynote))

4 nov. 2024 → 7 nov. 2024

Erasmus+ FORSU capacity building training events

Chakma, D. (Sekreterare i organisationskommitté), Webb, E. L. (Ordförande i organisationskommitté), Yirdaw, E. (Talare: Presentation), Jamaludin, J. (Talare: Presentation), Starr, M. (Talare: Presentation), Kanninen, M. (Talare: Presentation), Hemminki-Reijonen, U. J. (Talare: Presentation) & Kaislasalmi, E. E. (Medlem i organisationskommitté)

10 juni 2024 → 14 juni 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 maj 2024

Restoring forest structure, biodiversity and ecosystem function in the West African humid tropics: secondary versus plantation forests
Kanninen, M. (Medlem i avhandlingskommitté)
2024

Erasmus+ FORSU capacity building training event
Chakma, D. (Sekreterare i organisationskommitté), Webb, E. L. (Ordförande i organisationskommitté), Yirdaw, E. (Talare: Presentation), Starr, M. (Talare: Presentation), Kanninen, M. (Talare: Presentation), Siddall, R. (Talare: Presentation) & Jamaludin, J. (Talare: Presentation)
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 okt. 2023

Perspective on the Paris Agreement and Global Climate Objectives
Kanninen, M. (!!Speaker)
26 sep. 2023

HEI ICI CLIDEV Pratical tarining in CarboScen and CO2FIX tools
Kanninen, M. (Talare: Presentation)
14 aug. 2023 → 17 aug. 2023

Practical training on CarboScen and CO2Fix tools
Chakma, D. (Medlem i organisationskommitté) & Kanninen, M. (Talare: Ordförande)
14 aug. 2023 → 16 aug. 2023

Lao and Thai staff exchange to University of Helsinki
Chakma, D. (Sekreterare i organisationskommitté), Hogarth, N. (Ordförande i organisationskommitté), Monge Monge, A. A. (Medlem i organisationskommitté), Webb, E. L. (Medlem i organisationskommitté), Yirdaw, E. (Medlem i organisationskommitté), Kanninen, M. (Talare: Presentation), Starr, M. (Talare: Ordförande), Fuller, V. L. (Talare: Presentation) & Jamaludin, J. (Talare: Presentation)
24 apr. 2023 → 5 maj 2023

Vietnamese staff exchange to University of Helsinki
Chakma, D. (Sekreterare i organisationskommitté), Monge Monge, A. A. (Medlem i organisationskommitté), Bui, C. (Medlem i organisationskommitté), Hogarth, N. (Medlem i organisationskommitté), Webb, E. L. (Medlem i organisationskommitté), Jamaludin, J. (Talare: Presentation), Kanninen, M. (Talare: Presentation), Yirdaw, E. (Ordförande i organisationskommitté), Starr, M. (Talare: Presentation) & Fuller, V. L. (Talare: Presentation)
24 apr. 2023 → 5 maj 2023

Field course Tropical Forests and Agroforests
Chakma, D. (Medlem i organisationskommitté), Webb, E. L. (Ordförande i organisationskommitté), Yirdaw, E. (Medlem i organisationskommitté) & Kanninen, M. (Medlem i organisationskommitté)
5 jan. 2023 → 20 jan. 2023

National University of Laos

Chakma, D. (Besökande forskare) & Kanninen, M. (Besökande forskare)

5 jan. 2023 → 18 jan. 2023

HEI ICI CLIDEV Project consortium meetingChakma, D. (Sekreterare i organisationskommitté), Yirdaw, E. (Ordförande i organisationskommitté), Monge Monge, A. A. (Medlem i organisationskommitté), Webb, E. L. (Medlem i organisationskommitté), Hogarth, N. (Medlem i organisationskommitté), Kanninen, M. (Närvarande) & Bui, C. (Medlem i organisationskommitté)
5 dec. 2022 → 9 dec. 2022**Erasmus+ FRAME project Lao and Thai Staff Exchange to University of Helsinki**Chakma, D. (Sekreterare i organisationskommitté), Hogarth, N. (Ordförande i organisationskommitté), Monge Monge, A. A. (Medlem i organisationskommitté), Webb, E. L. (Medlem i organisationskommitté), Kanninen, M. (Medlem i organisationskommitté), Yirdaw, E. (Medlem i organisationskommitté), Starr, M. (Talare: Presentation), Siddall, R. (Närvarande), Fuller, V. L. (Talare: Presentation) & Jamaludin, J. (Talare: Presentation)
3 okt. 2022 → 14 okt. 2022**Deforestation and forest degradation: Impacts on Biodiversity and Climate Change**

Kanninen, M. (!!Invited speaker)

15 sep. 2022

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

Kanninen, M. (!!Keynote speaker)

7 sep. 2022

4th World Teak Conference

Kanninen, M. (Talare: Ordförande)

5 sep. 2022 → 9 sep. 2022

PhD thesis supervision of Edward AmaraPellikka, P. (Handledare), Heiskanen, J. (Handledare), Webb, E. L. (Opponent), Kanninen, M. (Förhandsgranskare) & Mbow, C. (Förhandsgranskare)
juli 2022**Frontiers in Forests and Global Change (Tidskrift)**

Kanninen, M. (Referentgranskare)

18 maj 2022

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

Kanninen, M. (!!Speaker)

22 mars 2022

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

Kanninen, M. (Förhandsgranskare)

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 okt. 2021

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

Kanninen, M. (!!Keynote speaker)

1 okt. 2021

Global climate crisis – no time to waste

Kanninen, M. (!!Keynote speaker)

23 sep. 2021

Tapion päivän seminaari 23.9.2021 - Metsääsiantuntijat ilmasto- ja metsäkeskustelun keskiössä

Kanninen, M. (!!Speaker)

23 sep. 2021

FORHEAL closing event

Chakma, D. (Sekreterare i organisationskommitté), Hogarth, N. (Ordförande i organisationskommitté), Kanninen, M. (Talare: Presentation) & Monge Monge, A. A. (Medlem i organisationskommitté)

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

Pyydetyt kommentit ilmasto- ja metsäraportteihin

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

14 okt. 2020

Climate change and sustainable development

Kanninen, M. (!!Speaker)

30 sep. 2020

Research highlights

Kanninen, M. (!!Speaker)

17 sep. 2020

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

Kanninen, M. (!!Invited speaker)

4 sep. 2020

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

Kanninen, M. (!!Speaker)

11 juni 2020

Introduction to resilience: Resilience as an evolving concept

Kanninen, M. (!!Speaker)

9 juni 2020

Swiss National Science Foundation (SNSF) (Extern organisation)

Kanninen, M. (Assessment)

juni 2020

European Research Council (ERC) (Extern organisation)

Kanninen, M. (Assessment)

maj 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. (Handledare)

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. (Handledare)

2020

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

Kanninen, M. (Medlem i avhandlingskommitté)

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. (Medlem i avhandlingskommitté)

2020

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

Kanninen, M. (Handledare)

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. (Deltagare)

2 okt. 2019

FORHEAL-mid-term meeting

Chakma, D. (Medlem i organisationskommitté), Monge Monge, A. A. (Sekreterare i organisationskommitté), Kanninen, M. (Ordförande i organisationskommitté) & Hogarth, N. (Medlem i organisationskommitté)

18 juni 2019 → 20 juni 2019

Epäreilu ilmasto [Unfair climate]

Kanninen, M. (!!Speaker)

21 mars 2019

Field course "Tropical Forests and Agroforests"

Chakma, D. (Medlem i organisationskommitté), Kanninen, M. (Ordförande i organisationskommitté), Yirdaw, E. (Medlem i organisationskommitté), Hogarth, N. (Medlem i organisationskommitté), Monge Monge, A. A. (Medlem i organisationskommitté) & Bui, C. (Närvarande)
3 jan. 2019 → 20 jan. 2019

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

Kanninen, M. (Medlem i avhandlingskommitté)
2019

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

Kanninen, M. (Förhandsgranskare)
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 (Tidskrift)

Kanninen, M. (Referentgranskare)
2019 → ...

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

Kanninen, M. (Bihandledare)
2019

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

Kanninen, M. (Handledare)
2019

Scientific Reports (Tidskrift)

Kanninen, M. (Referentgranskare)
2019

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

Kanninen, M. (Handledare)
2019

Where is local democracy?

Kanninen, M. (Medlem i avhandlingskommitté)
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. (Medlem i organisationskommitté), Sell, M. (Medlem i organisationskommitté), Kanninen, M. T. (Medlem i organisationskommitté) & Taivalmaa, S.-L. (Medlem i organisationskommitté)
10 okt. 2018

Key findings of the IPCC Special report on 1.5. degrees

Kanninen, M. (!!Speaker)
8 okt. 2018

Land-use, Ecosystem Carbon and Biodiversity in Tropical Landscapes

Kanninen, M. (!!Speaker)

12 juni 2018

Measuring the contribution of forest and environmental income in rural livelihoods

Kanninen, M. (Lärare)

25 feb. 2018 → 2 mars 2018

Agrikultur- och forstvetenskapliga fakulteten (Organisation)

Kanninen, M. (Styrelsemedlem)

2018 → ...

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

Kanninen, M. (Handledare)

2018

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

Kanninen, M. (Handledare)

2018

Humanistiska fakulteten (Organisation)

Kanninen, M. (Styrelsemedlem)

2018

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

Kanninen, M. (Medlem i avhandlingskommitté)

2018

Matematisk-naturvetenskapliga fakulteten (Organisation)

Kanninen, M. (Styrelsemedlem)

2018

FORHEAL-Kick off meeting

Chakma, D. (Medlem i organisationskommitté), Kanninen, M. (Ordförande i organisationskommitté), Monge Monge, A. A. (Sekreterare i organisationskommitté) & Hogarth, N. (Medlem i organisationskommitté)

21 nov. 2017

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

Ilomäki, L. H. (Talare: Presentation), Lakkala, M. H. (Talare: Presentation), Kanninen, M. T. (Ordförande i organisationskommitté), Chakma, D. (Sekreterare i organisationskommitté), Hogarth, N. (Medlem i organisationskommitté) & Monge Monge, A. A. (Medlem i organisationskommitté)

13 nov. 2017 → 17 nov. 2017

Practical training on CarboScen

Larjavaara, M. T. (Talare: Ordförande), Kanninen, M. T. (Ordförande i organisationskommitté), Chakma, D. (Sekreterare i organisationskommitté), Hogarth, N. (Medlem i organisationskommitté) & Monge Monge, A. A. (Medlem i organisationskommitté)

10 okt. 2017

CarboScen training

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

28 sep. 2017

Agrikultur- och forstvetenskapliga fakulteten (Organisation)

Kanninen, M. (Ordförande)

1 aug. 2017 → ...

HEI ICI PARFORM Kick-Off Meeting

Kanninen, M. T. (Ordförande i organisationskommitté), Chakma, D. (Sekreterare i organisationskommitté), Hogarth, N. (Medlem i organisationskommitté) & Monge Monge, A. A. (Medlem i organisationskommitté)

26 juni 2017 → 27 juni 2017

La Economía Forestal Sostenible, Pucallpa, Peru

Kanninen, M. (!!Invited speaker)

14 juni 2017

CarboScen training

Kanninen, M. (Lärare)

12 juni 2017

Intensive training on "Academic writing in English"

Siddall, R. (Talare: Ordförande), Kanninen, M. T. (Ordförande i organisationskommitté), Chakma, D. (Sekreterare i organisationskommitté), Hogarth, N. (Medlem i organisationskommitté) & Monge Monge, A. A. (Medlem i organisationskommitté)

12 juni 2017 → 16 juni 2017

CarboScen training

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

26 maj 2017

Siti Nurbaya

Kanninen, M. (Värd)

7 apr. 2017

Green Economy Tranistions in Least Developed Countries

Kanninen, M. T. (Ordförande i organisationskommitté), Hogarth, N. (Talare: Presentation) & Chakma, D. (Medlem i organisationskommitté)

5 jan. 2017

Tropical Forests & Agroforests

Kanninen, M. T. (Ordförande), Eshetu, E. Y. (Närvarande), Hogarth, N. (Närvarande), Monge Monge, A. A. (Närvarande) & Chakma, D. (Närvarande)

3 jan. 2017 → 20 jan. 2017

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

Kanninen, M. (Handledare)

2017

Indonesian wooden furniture value chain and impacts of EU policies

Kanninen, M. (Handledare)

2017

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

Kanninen, M. (Assessment)

2017 → 2018

Qualitative Assessment of Key Factors Shaping the Development of Community Forestry Enterprises in Mexico
Kanninen, M. (Handledare)
2017

Dryland Management and Climate Change Nexus

Yirdaw, E. (Ordförande i organisationskommitté), Elfadol, M. A. (Medlem i organisationskommitté), Monge Monge, A. A. (Medlem i organisationskommitté) & Kanninen, M. (Medlem i organisationskommitté)
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) (Extern organisation)

Kanninen, M. (Assessment)
dec. 2016

Forest Action Day 2016

Kanninen, M. (Talare: Presentation)
8 nov. 2016

Center for International Forestry Research (CIFOR)

Kanninen, M. (Besökande forskare)
1 sep. 2016 → 31 aug. 2017

Sustainable forest landscapes – innovations and competitive advantages

Kanninen, M. (Ordförande i organisationskommitté), Monge Monge, A. A. (Medlem i organisationskommitté), Rekola, M. O. (Medlem i organisationskommitté) & Toppinen, A. M. K. (Medlem i organisationskommitté)
17 aug. 2016

Swiss National Science Foundation (SNSF) (Extern organisation)

Kanninen, M. (Assessment)
juni 2016

The Finnish Climate Panel (Ilmastopaneeli) (Extern organisation)

Kanninen, M. (Medlem)
21 jan. 2016 → 31 dec. 2019

Carbon Balance and Management (Tidskrift)

Kanninen, M. (Referentgranskare)
2016

Current Opinion in Environmental Sustainability (Tidskrift)

Kanninen, M. (Referentgranskare)
2016 → ...

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

Kanninen, M. (Handledare)
2016

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

Kanninen, M. (Handledare)
2016

Evaluation Panel, Eduardo Mondlane University (Extern organisation)
Kanninen, M. (Medlem)
2016

FLEGt and REDD+ synergies and impacts in the Congo Basin: lessons for global forest governance
Kanninen, M. (Handledare)
2016

Forest Ecology and Management (Tidskrift)
Kanninen, M. (Referentgranskare)
2016

Forests (Tidskrift)
Kanninen, M. (Referentgranskare)
2016

Influence of smallholder woodlot management on tree growth and quality. Case study of pine plantations in Iringa and Njombe regions, Tanzania
Kanninen, M. (Handledare)
2016

Setting priorities for conservation: protected area effectiveness, management and quality of governance
Kanninen, M. (Förhandsgranskare)
2016

Forests, landscapes, climate and sustainable development: The evidence we need for the future we want
Kanninen, M. (Talare: Presentation)
3 dec. 2015

Course: Research Proposal Writing
Kanninen, M. (Ordförande i organisationskommitté)
26 okt. 2015 → 28 okt. 2015

Center for International Forestry Research (CIFOR)
Kanninen, M. (Besökande forskare)
1 sep. 2015 → 31 aug. 2016

Ilmasto muuttaa turvallisuuden - Kehittyvien maiden sopeutumisen haasteet - Tiedekulman tilaisuus 11.5.2015
Kanninen, M. (Talare: Presentation)
11 maj 2015

Agriculture, Ecosystems & Environment (Tidskrift)
Kanninen, M. (Referentgranskare)
2015

Governance of global commodity chains: Case of Uruguayan beekeeping and sustainable livelihoods
Kanninen, M. (Handledare)
2015

Nature Communications (Tidskrift)
Kanninen, M. (Referentgranskare)
2015

Sustainability of community forest management in Burkina Faso: The Case of CAF Cassou
Kanninen, M. (Handledare)
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. (Handledare)
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. (Ordförande i organisationskommitté)
20 okt. 2014 → 28 okt. 2014

Ympäristötiedon foorumi - Suomi, maankäytön muutokset ja metsät kansainvälisissä ilmastonenvotteluissa
Kanninen, M. (Talare: Presentation)
15 okt. 2014

Monique Barbut
Kanninen, M. (Värd)
2 apr. 2014

The Finnish Climate Panel (Ilmastopaneeli) (Extern organisation)
Kanninen, M. (Medlem)
1 mars 2014 → 31 dec. 2015

Agroforestry Systems (Tidskrift)
Kanninen, M. (Referentgranskare)
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. (Handledare)
2014

Center for International Forestry Research (Förlag)
Kanninen, M. (Medlem i redaktionell ledning)
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. (Handledare)
2014

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

Estimation of eucalyptus forest plantations carbon sequestration potential in Uruguay with the CO2fix model

Kanninen, M. (Handledare)
2014

Agroforestry Systems (Tidskrift)

Kanninen, M. (Referentgranskare)
2013

Ambio (Tidskrift)

Kanninen, M. (Referentgranskare)
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. (Handledare)
2013

Belgian Science Policy Office (Extern organisation)

Kanninen, M. (Assessment)
2013

Climate Policy (Tidskrift)

Kanninen, M. (Referentgranskare)
2013

European Forest Institute, Scientific Advisory Board (Extern organisation)

Kanninen, M. (Medlem)
2013 → 2017

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

Kanninen, M. (Handledare)
2013

Mitigation and Adaptation Strategies for Global Change (Tidskrift)

Kanninen, M. (Referentgranskare)
2013

Nature Communications (Tidskrift)

Kanninen, M. (Referentgranskare)
2013

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

Kanninen, M. (Bihandledare)
2013

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

Kanninen, M. (Bihandledare)
2013

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

Kanninen, M. (Bihandledare)
2013

Finnish IIASA Committee, Academy of Finland (Extern organisation)
Kanninen, M. (Medlem)
25 jan. 2012 → 31 dec. 2014

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

Finnish University Partnership for International Development, UniPID (Extern organisation)
Kanninen, M. (Ordförande)
2012 → 2014

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

Mitigation and Adaptation Strategies for Global Change (Tidskrift)
Kanninen, M. (Referentgranskare)
2012

PLoS One (Tidskrift)
Kanninen, M. (Referentgranskare)
2012

Routledge (Förlag)
Kanninen, M. (Redaktör)
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) (Extern organisation)
Kanninen, M. (Medlem)
1 dec. 2011 → 28 feb. 2014

International Union of Forest Research Organizations (IUFRO) - Task Force on Climate Change (Extern organisation)
Kanninen, M. (Ordförande)
1 jan. 2011 → 31 dec. 2014

Ambio (Tidskrift)
Kanninen, M. (Referentgranskare)
2011

Forest Ecology and Management (Tidskrift)
Kanninen, M. (Referentgranskare)
2011

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

Journal of Geophysical Research (Tidskrift)
Kanninen, M. (Referentgranskare)
2011

Stand growth and management scenarios for Paraserianthes falcataria smallholder plantations in Indonesia
Kanninen, M. (Handledare)
2011

The impact of FSC certification on timber tree regeneration and floristic composition in Honduran community forests
Kanninen, M. (Förhandsgranskare)
2011

Belgian Science Policy Office (Extern organisation)
Kanninen, M. (Assessment)
2010

European Forest Institute (EFI), External Evaluation Panel (Extern organisation)
Kanninen, M. (Ordförande)
2010 → 2011

Impact of the globalizing forest industry on ecosystem services: Corporate responsibility and the sustainable management of coupled human-environment systems
Kanninen, M. (Förhandsgranskare)
2010

The Adaptation Fund Board (UNFCCC) (Extern organisation)
Kanninen, M. (Styrelsemedlem)
1 jan. 2008 → 15 mars 2017

The contribution of forestry in maintaining and expanding forest-based carbon sinks
Kanninen, M. (!!Speaker), Nasi, R. (!!Speaker) & Karsenty, A. (!!Speaker)
25 okt. 2007

Agroforestry systems for sustainable livelihoods and improved land management in the East Usambara Mountains, Tanzania
Kanninen, M. (Förhandsgranskare)
2007

Teaknet (Extern organisation)
Kanninen, M. (Styrelsemedlem)
2007 → ...

2006 IPCC Guidelines for National Greenhouse Gas Inventories. International Panel on Climate Change (Förlag)
Kanninen, M. (Referentgranskare)
2006

Biodiversity management in fast-growing tree plantations: a case study from West Kalimantan, Indonesia
Kanninen, M. (Opponent)
2006

Forest Ecology and Management (Tidskrift)
Kanninen, M. (Referentgranskare)
2005

Stand growth scenarios for *Tectona grandis* plantations in Costa Rica
Kanninen, M. (Handledare)
2005

Forest Ecology and Management (Tidskrift)
Kanninen, M. (Medlem i redaktionell ledning)
2004 → 2007

Silva Fennica (Tidskrift)
Kanninen, M. (Medlem i redaktionell ledning)
2004 → 2008

Restoration of the native woody-species diversity, using plantation species as foster trees, in the degraded highlands of Ethiopia
Kanninen, M. (Förhandsgranskare)
2002

Estimation and Use of Modified Prior Probabilities for Digital Classification Improvement of Tropical Forests
Kanninen, M. (Handledare)
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. (Förhandsgranskare)
2000

Drought adaptation and genetic diversity in *Eucalyptus microtheca*
Kanninen, M. (Förhandsgranskare)
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. (Förhandsgranskare)
1996

Ibero-amerikkalaisen säätiön valtuuskunta [Council of the Ibero-American Foundation of Finland] (Extern organisation)
Kanninen, M. (Medlem)
1996 → ...

Regeneration of *Acacia seyal* forests on the dryland of the Sudan clay plain
Kanninen, M. (Förhandsgranskare)
1996

The Effects of Emissions from a Nickel-Copper Smelter in Monchegorsk, northwestern Russia, on the Radial Growth of Scots Pine
Kanninen, M. (Förhandsgranskare)
1996

Climate Change, Biodiversity and Boreal Forest Ecosystems
Kanninen, M. (Medlem i organisationskommitté)
30 juli 1995 → 5 aug. 1995

Carbon and nitrogen dynamics in *Erythrina poeppigiana* (Leguminosae: Phaseoleae) trees managed by periodic prunings
Kanninen, M. (Förhandsgranskare)

1995

IV Reunión Nacional de Plantaciones Forestales, México
Kanninen, M. (Talare: Presentation)
19 juli 1994 → 21 juli 1994

Impedance spectroscopy and temperature acclimation of forest trees
Kanninen, M. (Förhandsgranskare)
1993

Ministerial Conference on the Protection of Forests in Europe (Extern organisation)
Kanninen, M. (Medlem)
1993 → 1995

Analysis of Scots Pine growth: formation of structure from functional considerations
Kanninen, M. (Förhandsgranskare)
1992

Ibero-amerikkalainen säätiö [Ibero-American Foundation of Finland] (Extern organisation)
Kanninen, M. (Styrelsemedlem)
1992 → 1995

Ministerial Conference on the Protection of Forests in Europe (Extern organisation)
Kanninen, M. (Ordförande)
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. (Besökande forskare)
jan. 1989 → sep. 1989

Models of pine stand development: an eco-physiological systems analysis
Kanninen, M. (Förhandsgranskare)
1987

Acta forestalia Fennica (Tidskrift)
Kanninen, M. (Chefredaktör)
1985 → 1990

Silva Fennica (Tidskrift)
Kanninen, M. (Chefredaktör)
1985 → 1990

Colegio de Postgraduados, Chapingo, Mexico
Kanninen, M. (Besökande forskare)
jan. 1979 → aug. 1979

Priser

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 maj 2013

Press/media

5 tärkeää urakkaa ilmastotyössä
Kanninen, M.
01/02/2021
1 objekt av Mediabevakning

Aavikoituminen koskettaa myös suomalaisia [Desertification is relevant also for Finns]
Kanninen, M.
18/04/2021
1 objekt av Mediabevakning

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

Aavikoitumista torjumassa – pähkinät ja kokis voimanlähteinä
Kanninen, M.
07/10/2019
1 objekt av Mediabevakning

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 Mediabidrag

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

Afrikassa on enemmän maastopaljoja kuin Amazoniassa [More fires in Africa than in the Amazonia]
Kanninen, M.
28/08/2019
1 Mediabidrag

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

Amatsonin keikahduspiste [Amazon tipping point]
Kanninen, M.

09/09/2022
1 Mediabidrag

Amatsonin metsäpalot [Forest fires in Amazonia]
Kanninen, M.
23/08/2019
1 Mediabidrag

Amazonin hiilivarasto ei palaudu palojen jälkeen entiselleen [Slow recovery of Amazonas carbon stocks]
Kanninen, M.
23/08/2019
1 Mediabidrag

Amazonin sademetsä palaa maan tasalle [Amazon rainforest is burning down]
Kanninen, M.
24/08/2019
1 Mediabidrag

Amazonin sademetsissä riehuvat pahimmat metsäpalot 15 vuoteen [Worst fires in Amazon rainforest for 15 years]
Kanninen, M.
08/09/2022
1 Mediabidrag

Antaa paahtaa [Let it shine]
Kanninen, M.
28/08/2020
1 Mediabidrag

Arjen ehdolla
Kanninen, M. T.
10/05/2016
1 Mediabidrag

Asiantuntijat Bensa-Anttosen hurjasta Sahara-suunnitelmasta: "Teknisesti mahdollista, mutta..."
Kanninen, M.
15/12/2017
1 objekt av Mediabevakning

Cancúnin ilmastokokous - Suomalaistekniikka selvittää sademetsien määriä [Cancun climate conference – Finnish technology used in tropical forest inventories]
Kanninen, M.
05/12/2010
1 Mediabidrag

Contributing to effective climate change mitigation and adaptation
Kanninen, M.
14/12/2018
1 objekt av Mediabevakning

Ei lisää risuja tankkiin, vaan metsää Saharaan? [No biofuels but trees in Sahara?]
Kanninen, M.
03/11/2017
1 objekt av Mediabevakning

11/11/2016
1 objekt av Mediabevakning

Entrevista a Markku Kanninen [Interview of Markku Kanninen]

Kanninen, M.
01/01/2015
1 Mediabidrag

Epäreilu ilmasto [Unfair climate]

Kanninen, M.
21/03/2019
1 Mediabidrag

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

Kanninen, M.
10/04/2017
1 objekt av Mediabevakning

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

Kanninen, M.
08/11/2016
1 Mediabidrag

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 objekt av Mediabevakning

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

Kanninen, M.
25/11/2017
1 objekt av Mediabevakning

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

Kanninen, M.
29/12/2019
1 Mediabidrag

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

Kanninen, M.
18/09/2022
1 Mediabidrag

Ihminen sytti Indonesian tuleen

Kanninen, M.
13/11/2015
1 Mediabidrag

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

Kanninen, M.
03/12/2015
1 objekt av Mediabevakning

Ilmaostonmuutoksen fossili [A climate change fossil]

Kanninen, M.

15/02/2019

1 objekt av Mediabevakning

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

Kanninen, M.

08/10/2018

1 Mediabidrag

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

Kanninen, M.

19/10/2018

1 objekt av Mediabevakning

Ilmaoston muuttajat. Onko vastuullista palmuöljyä olemassa?

Kanninen, M.

15/03/2017

1 Mediabidrag

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

Kanninen, M.

18/02/2019

1 Mediabidrag

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

Kanninen, M.

01/12/2011

1 Mediabidrag

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

Kanninen, M.

01/07/2018

1 objekt av Mediabevakning

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 Mediabidrag

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 Mediabidrag

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

Kanninen, M.

07/04/2017

1 Mediabidrag

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

Kanninen, M.

03/12/2018

1 objekt av Mediabevakning

Interview on climate change at RPP Noticias Lina, Peru

Kanninen, M.

07/11/2019

1 Mediabidrag

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

Kanninen, M.

04/01/2020

1 Mediabidrag

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

Kanninen, M.

14/03/2011

1 Mediabidrag

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 objekt av Mediabevakning

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

Kanninen, M.

22/05/2019

1 objekt av Mediabevakning

Maailma pelastamassa - Ilmastonmuutos [Saving the planet - Climate change]

Kanninen, M.

02/10/2020

1 Mediabidrag

Maailma tulessa [The world in flames]

Kanninen, M.

25/08/2019

1 Mediabidrag

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

Kanninen, M.

26/10/2020

1 objekt av Mediabevakning

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

Kanninen, M.

08/10/2018

1 objekt av Mediabevakning

Metsäkysymykset osana ilmastopolitiikkaa [Forests are part of climate policies]

Kanninen, M.

13/05/2011

1 Mediabidrag

Metsähävitys tropiikissa - YLE Ykkösaamu [Deforestation in the tropics]

Kanninen, M.
05/07/2011
1 Mediabidrag

Metsän istutuksen ja suojeleminen merkitys ilmastonsuojelemissa

Kanninen, M.
19/07/2019
1 Mediabidrag

Metsäosaamisen viennissä pitäisi keskittyä pieneen ja kauniiseen

Kanninen, M.
07/04/2017
1 Mediabidrag

Metsä palvelee [Forest services]

Kanninen, M.
15/01/2007
1 objekt av Mediabevakning

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

Kanninen, M.
23/10/2024
1 Mediabidrag

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 Mediabidrag

Metsien häviäminen lämmittää ilmastoja [Deforestation is warming the climate]

Kanninen, M.
01/11/2011
1 Mediabidrag

Metsien häviäminen lämmittää ilmastoja [Deforestation warms the climate]

Kanninen, M.
01/11/2012
1 Mediabidrag

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

Kanninen, M.
30/11/2023
1 Mediabidrag

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

Kanninen, M.
05/05/2022
1 Mediabidrag

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 objekt av Mediabevakning

Muuttuvan ilmaston mittari [Savannas - indicators of changing climate]

Kanninen, M.

13/05/2022

1 Mediabidrag

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 Mediabidrag

Neste tekee biodieselä Indonesian palmuöljystä [Neste produces biodiesel from palm oil]

Kanninen, M.

13/11/2015

1 Mediabidrag

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

Kanninen, M.

15/09/2019

1 Mediabidrag

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

Kanninen, M.

13/09/2019

1 Mediabidrag

Participatory Landscape Workshops: Envisioning a sustainable future for Zambia

Kanninen, M.

17/02/2025

1 objekt av Mediabevakning

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 objekt av Mediabevakning

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

Kanninen, M.

04/07/2017

1 objekt av Mediabevakning

Publication Review: Multifaceted Impacts of Sustainable Land Management in Drylands

Eshetu, E. Y. & Kanninen, M.

13/12/2016

1 objekt av Mediabevakning

Sadat miljoonat ihmishenget ovat pelissä, kun päätetään ilmastopolitiikasta

Kanninen, M.

08/10/2018

1 objekt av Mediabevakning

Seeing the wood

Kanninen, M.

25/10/2010

1 Mediabidrag

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 Mediabidrag

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

Kanninen, M.

21/10/2019

1 Mediabidrag

Suomen metsien hiilinielun kasvattamiseksi väläytellään monenlaisia keinoja: pellojen 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 Mediabidrag

Suomi hörppii runsaasti brasiliaista kahvia [Deforestation and coffee in Brazil]

Kanninen, M.

23/08/2019

1 Mediabidrag

Suomi tukemaan Rauhanyliopistoa ja CATIEtä Costa Ricassa?

Kanninen, M.

20/01/2008

1 Mediabidrag

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

Kanninen, M.

19/05/2019

1 objekt av Mediabevakning

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

Kanninen, M.

15/10/2019

1 Mediabidrag

Transform the sustainability sector with HELSUS at Helsinki

Kanninen, M.

05/06/2018

1 objekt av Mediabevakning

Trooppisten rantojen kasvatit [Mangroves of tropical coast lines]

Kanninen, M.

13/03/2014

1 objekt av Mediabevakning

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

Kanninen, M.

26/08/2011

1 Mediabidrag

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

Kanninen, M.

08/08/2011

1 Mediabidrag

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

Kanninen, M.

01/03/2020

1 Mediabidrag

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

Kanninen, M.

16/06/2019

1 objekt av Mediabevakning

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 objekt av Mediabevakning

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

Kanninen, M.

16/05/2022

1 Mediabidrag

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

Kanninen, M.

31/08/2019

1 Mediabidrag

When money grows on trees

Kanninen, M.

13/08/2009

1 Mediabidrag

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

Kanninen, M.

14/04/2021

1 objekt av Mediabevakning

YLE TV 1 A Studio 10.12.2014: Ilmastonmuutos ja Suomen metsät

Kanninen, M.

10/12/2014

1 Mediabidrag

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

Kanninen, M.

03/11/2017

1 Mediabidrag