

# Research for sustainable development: Forests, trees and agroforestry



▲ Weaving rattan in Kalimantan, Indonesia. Photo by M. Ceaser/CIFOR

Subplenary session

Friday, Sept. 22, 2017

1:30 pm – 3pm

Rolf Böhme Saal  
(Konzerthaus Freiburg),  
Germany

This subplenary session, jointly organized by the International Union of Forest Research Organizations (IUFRO) and the CGIAR Research Program on Forests, Trees and Agroforestry (FTA), aims to provide a platform for enhancing connections between forests and tree science and research, development partners, and “boundary institutions”, in the context of the implementation of the sustainable development agenda.

Reaching the Sustainable Development Goals (SDGs), implementing the Paris Agreement on climate change, ensuring food security and nutrition, and preserving biodiversity will not be possible without enhancing the contribution of forests, trees and agroforestry. This requires the deployment of integrated solutions.

The international sustainable development agenda needs to be supported with suitable evidence-based, credible, legitimate and effective options based on forest, tree and agroforestry solutions. This includes generating and developing technical options as well as designing, assessing and implementing management systems and governance solutions.

But what are the key priorities when it comes to trees and forests for sustainable development? What is needed most and where should we start?

The session enables all participants to contribute to the following discussions:

- Raising awareness of the critical importance of research on forests, trees and agroforestry for addressing the SDGs, climate change, and food security and nutrition challenges – why is forest, tree and agroforestry research important today?
- Identifying key priority areas and research gaps in research for development, emerging from the comparison of ‘demand’ from development partners and ‘supply’ from forest and tree science and research – what does research need to tackle at the top of its agenda? What are the areas of emphasis (or de-emphasis)?
- Building a common understanding of how to best bridge/integrate the research and development worlds for impact, as well as the role of boundary institutions and products – how should the research community be working with users?

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# Agenda

- **Welcome by IUFRO and FTA**
- **Opening presentations:**



### Dr. Anssi Pekkarinen

Food and Agriculture Organization of the United Nations (FAO) on “Priority needs for scientific knowledge from FAO member states, on forests and trees for sustainable development”

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### Dr. Terry Sunderland

High Level Panel of Experts on Food Security and Nutrition (HLPE) of the United Nations’ Committee on World Food Security (CFS), and Team Leader at the Center for International Forestry Research (CIFOR), on “Recommendations from science to the development agenda: Sustainable Forestry for Food Security and Nutrition”

- **Panel discussion:**



### Mr. Herbert Christ

International Forest Policy Programme of Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Germany



### Dr. Mercy Afua Adutwumwaa Derkyi

Lecturer, Department of Forest Science, University of Energy and Natural Resources, Ghana



### Dr. Mónica Gabay

School of Politics and Government, National University of General San Martín, Argentina



### Prof. Dr. Glenn Galloway

Director, Master of Sustainable Development Practice Program (MDP), Center for Latin American Studies/Center for African Studies, University of Florida, Gainesville, United States



### Dr. Vincent Gitz

FTA Director, CIFOR, Indonesia



Moderated by

### Dr. Michael Kleine

Deputy Executive Director, IUFRO, Austria

- **Audience questions**
- **Wrap up and conclusions by Dr. Michael Kleine**

## Related reading

- CGIAR Consortium. 2015. *CGIAR Strategy and Results Framework 2016-2030: Overview*. <http://hdl.handle.net/10947/4069>
- CGIAR Research Program on Forests, Trees and Agroforestry (FTA). 2016. *Proposal Phase II — Forests, Trees and Agroforestry: Landscapes, Livelihoods and Governance*. <http://foreststreesagroforestry.org/forests-trees-and-agroforestry-landscapes-livelihoods-and-governance/>
- Food and Agriculture Organization of the United Nations. 2016. *State of the World’s Forests*. <http://www.fao.org/3/a-i5588e.pdf>
- Food and Agriculture Organization of the United Nations. 2015. *Global Forest Resources Assessment 2015. How are the world’s forests changing?* Second edition. Rome. <http://www.fao.org/3/a-i4793e.pdf>
- Food and Agriculture Organization of the United Nations. 2016. *Food and Agriculture: Key to achieving the 2030 Agenda for Sustainable Development*. <http://www.fao.org/3/a-i5499e.pdf>
- High Level Panel of Experts on Food Security and Nutrition. 2017. *Sustainable Forestry for Food Security and Nutrition*. [http://www.fao.org/fileadmin/user\\_upload/hlpe/hlpe\\_documents/HLPE\\_Reports/HLPE-Report-11\\_EN.pdf](http://www.fao.org/fileadmin/user_upload/hlpe/hlpe_documents/HLPE_Reports/HLPE-Report-11_EN.pdf)
- Vira B, Wildburger C and Mansourian S, eds. 2015. *Forests, trees and landscapes for food security and nutrition*. IUFRO World Series, 33. [http://www.iufro.org/download/file/18901/5690/ws33\\_pdf/](http://www.iufro.org/download/file/18901/5690/ws33_pdf/)

# Speaker biographies

**Herbert Christ** is a senior expert in international forest policy, rural development and environmental protection. He graduated from Justus-Liebig-University in Giessen, Germany, where he studied agriculture and geography with a focus on environmental protection and international development. His fields of experience include forest and land policy reforms, rural development, landscape restoration, REDD+, forest law enforcement, governance and trade (FLEGT), protected area management and land use planning. He has worked in more than 20 countries, with a regional focus on Africa, the Mediterranean and Southeast Asia. Since 2008, Herbert has led the international forest policy program of the German Agency for International Development, based in Eschborn. In this role, he focuses on ways to promote forest conservation and sustainable forest management in international forest policy and development cooperation, and works closely with the German Federal Ministry of Economic Cooperation and Development (BMZ), other German ministries involved in international forest policy, the European Commission and international partners. With more than 25 years of experience, he possesses an in-depth knowledge of Germany's development cooperation in the forest sector, international forest policy processes and initiatives and the reality of development cooperation in the field.

**Mercy Afua Adutwumwaa Derkyi** is Acting Head of the Centre for Climate Change and Gender Studies and Lecturer at the Department of Forest Science, University of Energy and Natural Resources. Mercy's scope of research and practice has been in the forest landscape of Ghana, which has endowed her with 17 years' experience working across the state forest sector, NGOs and academia. Her professional specialties are conflict management, gender, agroforestry, livelihoods, social research methods and environmental governance. Mercy graduated with a BSc (Hons) in natural resource management in 2000 from KNUST, Ghana, and an MSc in agroforestry from the same university in 2004. In 2012, she obtained her doctorate degree in social sciences from the Faculty of Social and Behavioral Sciences at the University of Amsterdam with a scholarship from Tropenbos International.

**Mónica Gabay** is a senior expert in rural development, multistakeholder governance and networking in multicultural contexts. She coordinated the National Model Forest Program in Argentina from 2002 to 2016, and was the Deputy Director representing her country at the Board of the Iberoamerican Model Forest Network for the same period. She holds an MBA (Strategic Management) from the University of Belgrano and the University of Barcelona, and a PhD (Social Science) from the Latin American Faculty of Social Science. Monica is an Associate Professor of Ethics and Professional Practice at the School of Science and Technology of the National University of San Martin, and an Associate Professor of Environmental Law at the Institute of Research and Environmental Engineering at the same university. Monica is also a member of the board of the Argentine Institute of Water Resources (IARH). She coordinates IUFRO's WP 9.05.06 Community Forestry and is a Deputy Coordinator of RG 9.03 Forest History and Traditional Knowledge. She is author and coauthor of papers and book chapters on governance, public policy and regulation, natural resources management, and community forestry.

**Glenn Galloway** is a US citizen with a PhD in silviculture from the University of Washington and a Master's degree from the University of British Columbia, Canada. He worked for nearly 10 years in South America, first with Peace Corps in Colombia and later as a highland forestry advisor for USAID in Peru and Ecuador, providing technical support to reforestation and agroforestry projects in Andean communities. From 1992 to 2011, he worked throughout Central America with the Tropical Agricultural Research and Higher Education Center (CATIE), first as coordinator to a regional Finnish-financed forestry and agroforestry research and training program and then as leader to a Swiss-financed lowland tropical forest management project working with poor *mestizo* and indigenous communities in Honduras and Nicaragua. From 2003 to 2011, he served as Dean to CATIE's Graduate School and Director of the Education Division. In 2011 he was named Director to UF's Master of Sustainable Development Practice Program. He continues to participate in international forestry initiatives, serving since 2010 as Chair to the steering committee of the IUFRO World Forests, Society and Environment (WFSE) Special Project.

**Vincent Gitz** is the Director of the CGIAR Research Program on Forests, Trees and Agroforestry (FTA). An engineer of Ecole Polytechnique (1994) in France, he holds a PhD from AgroParisTech on land use and global climate policies, which was awarded the *Le Monde* prize for academic research. He has a background in earth sciences and natural resource and development economics. He has previously worked in research for CIRED and CIRAD, in policy-making, and at the interface between the two. He served as advisor for sustainable development and research to the French agriculture and fisheries minister, Michel Barnier, from 2007-2009, and in 2016 was assistant director for food policy at the French Ministry of Agriculture, Agrifood and Forests. From 2010-2015, he was coordinator of the High Level Panel of Experts on Food Security and Nutrition (HLPE), the science-policy interface of the United Nation's Committee on World Food Security (CFS). He has published in several fields related to sustainable development issues, from energy and development economics to earth and environmental sciences to nutrition.



▲ Integrated landscapes are key in forestry for a sustainable future.  
Photo by I. Cooke Vieira/CIFOR

**Michael Kleine** is a professional forester and holds Master's, Doctoral (Dr. rer. nat. techn.) and Habilitation (Univ. Doz.) degrees from the University of Natural Resources and Applied Life Sciences in Vienna, Austria. Since 1985, he has been working as a consultant in international development cooperation for German development agency GIZ, the FAO, European Commission and others, on long- and short-term assignments in developing countries, mostly in tropical and subtropical regions of Asia and Africa. His work has revolved around sustainable forest management of natural forests and timber plantations (forest and land use planning; growth and yield modelling; silviculture, forest certification and carbon accounting), forest organization and forest policy. Since moving back to Austria in 1998, he has continued his work in developing countries through advisory services and capacity development, particularly in science-policy interactions, forest management planning and field training in forest resources assessments, silviculture operations and strategic planning for sustainable forestry. Michael is currently the Deputy Executive Director at the International Union of Forest Research Organizations (IUFRO), based at IUFRO Headquarters in Vienna.

**Anssi Pekkarinen** leads the Global Forest Resources Assessment Team at the Food and Agriculture Organization (FAO) of the United Nations. He has extensive experience in forest inventories, remote sensing, GIS and capacity development and has supported a number of countries in developing National Forest Monitoring Systems. Anssi studied forest mensuration and management and earned his MSc and DSc at the University of Helsinki, Finland. He started his professional career in the early 1990s at the Finnish Forest Research Institute as a member of the National Forest Inventory Team. Soon after completing his DSc, he moved to the Joint Research Centre of the European Commission, Italy, where he led the development and implementation of a methodology for the mapping of the European forests with Landsat satellite images. Anssi is one of the founding members of FAO's Open Foris Initiative – a collection of free and open source tools for environmental monitoring. He is a member of the Leads of the Global Forest Observations Initiative and recently joined the FOREST EUROPE Advisory Group.

**Terry Sunderland's** career focuses on applied research, biodiversity conservation sustainable resource management and linkages to leveraging policy influence. He has extensive field experience, having been based in Africa for many years, working for such diverse organizations as the Wildlife Conservation Society, the Smithsonian Institution and the UK's Department for International Development. In 2006 he moved to CIFOR, based in Indonesia, and originally led the Landscape Management for Environmental Services, Biodiversity Conservation and Livelihoods research theme. In recent years he has led the development of a program of work on forests and food security, which has evolved into the research theme Sustainable Landscapes and Food Systems, now fully integrated into CIFOR's strategy. He led the project team for the CFS HLPE Sustainable Forestry for Food Security and Nutrition report. A graduate of the Royal Botanic Gardens, Kew and the Universities of Oxford (MSc) and London (PhD), Terry has published extensively on conservation, livelihoods, food security and landscape-scale challenges to forest management in the tropics. Terry holds an Adjunct position with James Cook University, Australia, and has taught on many forestry-related university courses. He currently supervises numerous graduate students dispersed throughout the tropics.



IUFRO – Interconnecting Forests, Science and People

The International Union of Forest Research Organizations (IUFRO) is the only worldwide organization devoted to forest research and related sciences. Its members are research institutions, universities, and individual scientists as well as decision-making authorities and other stakeholders with a focus on forests and trees.



The CGIAR Research Program on Forests, Trees and Agroforestry (FTA) is the world's largest research for development program to enhance the role of forests, trees and agroforestry in sustainable development and food security and to address climate change. CIFOR leads FTA in partnership with Bioversity International, CATIE, CIRAD, ICRAF, INBAR and TBI. FTA's work is supported by the [CGIAR Fund Donors](#).

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