



Natural Resources
Canada



Council of Forest Industries
Ressources naturelles
Canada



Forestry
University of British Columbia



Alberta
Government



Program and Speaker Bios

Resources for the Future Task Force, August 2013 Conference

<http://iufro2013.forestry.ubc.ca/>

Day 1: August 27th – Globalization and its implications for forests

1. Dave Cohen (University of British Columbia, Canada)

Drivers for Future Resource Use

After working for the forest industry in BC for a decade, David completed a Bachelors and PhD focusing on the business of wood products production and trade. Since 1989 he has been at UBC with much of his research focused on Japan and China. For the past dozen years, his teaching and research focus has shifted to sustainability, globalization and forest firm transformation. He has published numerous scientific articles and reports, and has acted as a consultant to many companies and government organizations in North America, New Zealand, China, Japan, and Europe.

2. Andy White (Rights and Resources Initiative, USA) (TBC)

Who will own the world's forests? Implications and opportunities

Prior to joining Rights and Resources Group, Andy served as Senior Director of Programs at Forest Trends and Natural Resource Management Specialist at the World Bank, as well as working as a consultant to the International Food Policy Research Center, Save the Children Federation and the Inter-American Foundation. He has worked extensively in Haiti, Mexico and China, and he supervises policy research and engagement in Asia, Latin America and Africa. His own research and project work has focused on forest tenure and policy as well as international trade and forest industry. He has a PhD in forest economics and a MA in anthropology from the University of Minnesota.

3. TBA (IKEA, Sweden)

Wood Procurement Strategies of Multinational Companies: Looking Forward 20 years

4. Russ Taylor (International Wood Markets Group, Canada)

The future of global trade flows in forest products

Russell Taylor conducts wood products marketing analysis and business assessment/investment projects for numerous global industry clients and across North America. He travels extensively and conducts research and analysis in many dynamic global regions, including Russia, China, Asia, and throughout the Southern Hemisphere and Europe. Mr. Taylor has published over 200 articles, reports and presentations, and leads the ***International WOOD MARKETS Group*** in its various strategic market intelligence multi-client reports, newsletters and forecasts for the wood products industry. ***WOOD MARKETS*** has maintained an office in China since 2005. He has a forestry degree (BScF) and an MBA, both from the University of B.C., and is also a B.C. registered professional forester (RPF).

5. Don Roberts (CIBC World Markets, Canada)

Transformation in the Forest Sector: the outlook for bioenergy

Mr. Don Roberts is a Vice-Chairman of Wholesale Banking, and Managing Director in Investment Banking with CIBC World Markets Inc. where he leads the bank's Renewable Energy & Clean Technology Team. In 2012, he was chosen by Corporate Knights Magazine as the individual in the Financial Services sector who contributed the most to sustainable development in Canada. Mr. Roberts is also: an Adjunct Professor in the Department of Forest Resource Management at the University of British Columbia (Vancouver); on the Board of Directors, Rights and Resources Institute (Washington, D.C.); and serves in an advisory capacity for a range of government, industry, and NGO groups. Mr. Roberts has a Bachelor's degree in Agricultural Economics from the UBC, a Master's degree in Forestry Economics from the University of California at Berkeley, and both an MBA and doctoral studies in International Finance and Economics from the University of Chicago. He is also a certified Board Director with the Institute of Corporate Directors.

6. Jane Lister (University of British Columbia, Canada)

Demand-side implications of retail sustainability for global forest resources

Jane's research focuses on voluntary performance codes and standards, the impact of global supply chains on extractive industries, and the rise in the business value and global environmental governance implications of corporate sustainability initiatives. She holds a PhD in resource management from UBC, an MBA from the Sauder School of Business, and an honours degree in economics from the University of Toronto. She has over 20 years of experience in the sustainability field including work as a forest management consultant and auditor with PricewaterhouseCoopers and as an environmental policy analyst with the Ontario provincial government.

Day 2: August 28th AM Session – Plantations

1. Luis Neves Silva (WWF, Portugal)

New Generation Plantations: what future role towards sustainability?

Luis Neves Silva is a forest engineer from the Instituto Superior de Agronomia of Lisbon, Portugal. Luis has accumulated extensive experience in sustainable forestry working with private, public and NGO sectors. In 1995, Luis commenced his work in sustainable agriculture and forestry, with the founding of Terraprima SA, a local agri-forestry business. From 2000, Luis has developed experience in environmental impact assessment and mitigation by participating in various public infrastructures projects. Luis joined WWF in 2005 through the WWF Mediterranean Program office. He has been a part of the WWF International Forest Team since 2007 and was also a member of the Board of Directors of FSC Portugal between 2008 and 2012.

2. Finn Tvede Jacobsen (African Plantations for Sustainable Development, Ghana)

Reforestation, Rural Employment and Energy Production - Solving Some of Africa's Most Acute Problems

Prior to working with the African Plantations for Sustainable Development (APSD) Ghana Ltd, Finn Tvede Jacobsen was the co – owner and president of Wilhelm Ramm Ltd in Oslo, Gratenau & Hesselbacher GmbH&Co. in Hamburg and Pinnau Holz GmbH in Hamburg where he acted as an agent/trader for various pulp- and paper producers worldwide as well as a supplier of high value timber products from the Far East and Ghana to European customers. He has spent several years in Western Germany selling pulp and publication paper, and in Singapore where a Far East sales and distribution concept was implemented.

3. Caroline Mahommed (University of Tasmania, Australia)

Implications of globalization on forest health: policy directions

Caroline is a Senior Research Fellow and Lecturer with the Tasmanian Institute of Agriculture, University of Tasmania. Part of her time is allocated to being Program Convenor for Future Farming. This program is about identifying and extending management options for more reliable and sustainable systems of agricultural and forest production to maximize their economic, environmental and social value. The rest of her time is spent as an active researcher in issues around climate change, plant pathology and biosecurity; she also currently supervises five doctoral students. She has authored/co-authored over 80 scientific papers, and has been an editor for scientific journals.

4. Peter Volker (Forestry Tasmania, Australia)

Breeding for more resilient plantations

Dr. Peter Volker, a past President of the Institute of Foresters of Australia, has 30 years of experience linking research with operational forestry. His expertise is in forest genetics and silviculture, particularly in cold-temperate eucalypts where he has worked on quantitative genetics of hybrids and silviculture to produce solid wood products. He has operational experience in China and Chile where he has worked with local foresters to improve productivity and to determine changes in silvicultural regimes to meet the needs of their communities. Tasmania is a hot bed of debate about the role of plantations in replacement of native forests and he has been an active participant.

5. Rob De Fegely (Institute of Foresters, Australia)

The market for plantation products: future directions

Rob de Fegely has over 30 years of experience in the Australian forest industry. His early career was spent in plantation development and natural forest management before he commenced consulting. His work has covered all states of Australia, with experience for both government and corporate clients; he has also worked extensively in North and South East Asia, the Pacific and North America. He has been involved in forest resource assessment, valuations and reviews of forest product processing and market research for individual companies and for to industry-wide strategic planning. He was the Managing Director (Australia) of the Finnish firm Jaakko Pöyry Consulting for 10 years prior to establishing his own consulting business in 2006. He has been appointed to a number of government advisory panels and currently serves on Boards in Papua New Guinea, New Zealand and Australia. Rob is a Registered Professional Forester and has a Bachelor of Science (Forestry) degree from the Australian National University and a Master of Science (Forest Business Management) from Aberdeen University in the United Kingdom.

6. Coosje Hoogendoorn (International Network for Bamboo and Rattan (INBAR, China)

Bamboo and rattan production and the implications on its production from globalization

Before being appointed at INBAR in 2006, Dr. Coosje Hoogendoorn was Deputy Director General of Bioversity International in Italy. She was born in Amsterdam, and studied agriculture and plant genetics at Wageningen University in the Netherlands. She has also worked in Colombia, Costa Rica, the United Kingdom and Mexico. She has a keen interest in innovation for development work. INBAR focuses on ‘inclusive and green development’ through the advancement of sustainable global trading systems which contribute to poverty eradication, and the protection of the environment through bamboo and rattan. It is headquartered in Beijing, with offices in Ecuador, Ghana, Ethiopia and India. INBAR works with governments, NGO’s, Foundations, CSR institutions, and bamboo and rattan companies.

Day 2: August 28th PM Session – Bio-Products and Advanced Building Systems

1. Michael Green (MG Architecture, Canada) (TBC)

Wood in building: implications of globalization

Michael Green is a Fellow of the Royal Architectural Institute of Canada, and is recognized for his award-winning buildings, public art, interiors, landscapes and urban environments. His work extends around the globe including a current project for the Aga Khan Trust for Culture that involves the design of a sustainable community in the mountains of Central Asia. Michael is dedicated to bringing attention to several of the overwhelming challenges in architecture today. One such challenge is climate change and how the built environment is an enormous contributor to the factors that damage the very environment designers and architects are seeking to improve. Michael founded Michael Green Architecture located in Vancouver and is a recognized leader in the architecture and interior design community in BC. He has taught at many Canadian and US universities including recent lectures at Yale University and a new course for UBC's School of Architecture and Landscape Architecture.

2. Erol Karacabeyli (FPInnovations, Canada)

Advanced building systems: the research model and commercialization

Erol Karacabeyli is the Manager of the Building Systems Department at FPInnovations (formerly Forintek). The Program has over 30 staff comprised of scientists, engineers, research associates and technologists. Erol is a well-known, influential member in the field of research on wood building systems both nationally and internationally, and he serves numerous codes and standards committees. Erol is the Chair of ISO Technical Committee on Timber Structures, and an Adjunct Professor at the Civil Engineering Department of UBC. Erol made significant contributions in field of wood building systems, and published his findings in over 100 publications and six awards.

3. Jean Hamel (FPInnovations, Canada)

Bio-products: will it support transformation of forest sector firms?

Jean Hamel received his B.Sc. (1983), and M. Eng. (1985), in Mechanical Engineering from the University of Sherbrooke. He joined the Pulp and Paper Research Institute of Canada (Paprican) as a Research Engineer to work on the technical development, optimization and troubleshooting for paper finishing equipment. In 1995 he joined St-Laurent Paperboard as a Senior Process Engineer to work on product development, paper machine optimization and start-up of new finishing equipment. Soon after the merging of the three research institutes (Paprican, Forintek, FERIC) to form FPInnovations in 2007, he was named the Director of Research for the Pulp & Paper Division of FPInnovations. Here he has focused on accelerating technology transfer, leading the innovation program on pulp and paper, and shifting the Research & Development effort to develop new chemicals, biomaterials and composites from wood fibers. He currently sits on the several boards including CelluForce, a Domtar-FPInnovations joint venture on nanocrystalline cellulose (NCC) production.

4. Mike May (FuturaGene, Brazil)

Commercialization of forestry research: from promise to practice

Prior to FuturaGene, Mike held a series of positions in Industry, academia, as a consultant and as an entrepreneur in the application of scientific innovation to crop productivity and sustainable rural development. His present focus is on enabling policy frameworks for international cooperation, technology transfer, and innovation with a special interest in the future bio-economies in Brazil, India and China with direct working experience in all three. Mike has a special interest in the role of multilateral systems in the development of global sustainable development policy frameworks and strongly supports the promotion of more effective science-policy interface. Mike has a BSc in Biological Sciences from the University of Edinburgh and a PhD in recombinant cancer drug design from the University of Warwick. This eclectic path has given a broad understanding of the major challenges, scientific options, policy decisions and strategies for global low carbon growth strategies.

5. Shawn Mansfield (University of British Columbia, Canada)

Emerging Biotechnological Approaches to Maximize Forest Quality and Reduce Ecological Footprints

Dr. Mansfield is a Canada Research Chair in Wood and Fibre Quality and Biotechnology at UBC in the Department of Wood Science. He received his MSc from Dalhousie University (1994) and PhD in Forestry from UBC (1997). Following his studies, Mansfield then did a Post Doctoral Fellowship at the Forest Research (New Zealand) from 1998-2000 and concurrently held a visiting scholar position at the University of Waikato. He is a Fellow of the International Academy of Wood Science, and a recipient of the Sir Frederick McMaster Fellow (CSIRO, Australia), and the IUFRO Scientific Achievement Award for his work in the field of biotechnology and tree cell wall biosynthesis. Mansfield's research focuses on elucidating the molecular underpinnings of cell wall development and biochemistry, the genetic relationship of gene expression and desirable phenotypic traits, and biotechnological applications for lignocellulosic processing.

6. Miles Drake (Weyerhaeuser, USA)

The research and development needs for a multi-national forestry company: the 20 year vision

Miles Drake joined Weyerhaeuser in 2006 and was Vice President, Research and Development, and Chief Technology Officer of Air Products and Chemicals Inc. (Industrial Gases) from 2001 until October 2006; he has held numerous other leadership positions with Air Products and Chemicals Inc. In the role of Senior Vice President, R&D and Chief Technology Officer, Dr. Drake manages a global research and development budget of \$150 million with facilities in the United States, United Kingdom, Germany, the Netherlands, Spain, Korea, Japan and China. He oversees a research department of 430 employees devoted to growing the core businesses, supporting Weyerhaeuser's customers and creating new technical based options for growth for the corporation. Mike holds a Ph.D. from Bristol University School of Surface Chemistry and a BA Natural Science from Cambridge University UK.

Day 3: August 29th – Forest Ecosystem Services

1. David Brand (New Forests, Australia)

The state of the art in forest ecosystem services: lessons from Australia

Dr. David Brand founded New Forests, a Sydney-based investment management business, in 2005. Previously, David was with the Hancock Natural Resource Group (HNRG) and was responsible for investment programs integrating timber management with emerging environmental market opportunities. Prior to joining HNRG, David was the Executive General Manager of State Forests of NSW, Australia's largest forestry business. From 1985-1995 he worked with the Canadian Forest Service as a scientist, director and ultimately as National Director-General of Science. He is a board member of the international NGO Forest Trends and has served on the Council of the World Economic Forum. David has a PhD from the UBC and a B.Sc. Forestry from the University of Toronto.

2. Sven Wunder (CIFOR, Brazil)

Lessons in the design of Forest Ecosystem Services schemes (TBC)

Mr. Sven Wunder has an MA in Economics, PhD in macroeconomics and DSc (habil) in forest economics (University of Copenhagen). He has worked for Danida (Denmark), IUCN (Ecuador), CDR (Denmark) and has been with CIFOR since 2000, first in Indonesia (HQ), and then in Brazil (Belem, Rio de Janeiro) in 2004. Since 2011, he has been an Honorary Professor at the University of Copenhagen. His main areas of work include payments for environmental services (PES), deforestation, and forest-poverty linkages. He has advised many small-scale PES initiatives and government programs, especially in Latin America, on the design of PES instruments.

3. Gert-Jan Nabuurs (Alterra, Wageningen University and Research)

European forests: facing the challenges of the coming 50 years

Gert-Jan has wide experience and an excellent network in Europe. Just recently, in January 2013, he became the Lead Scientist, European Forests at Alterra. Before that he served as the Assistant Director of the European Forest Institute for 4 years. He has a PhD in Forest Planning and Economics from the University of Eastern Finland. Gert-Jan's main field of interest is in forest resource modelling for the sustainable management of European forests integrated with climate change and carbon sequestration studies. This involves the contrasting of ecological understanding with the societal demands towards forests as natural resources and providers of ecosystem services. The combination of long-term projections for the development and sustainability of European forests with carbon sequestration studies has resulted in many national and international projects, and results have been published in over 160 publications of which around 60 are peer reviewed journals or proceedings. Gert-Jan was also Coordinating lead author in several IPCC Assessments and Special reports.