

**THE ONLINE INFORMATION BULLETIN OF THE GLOBAL FOREST SCIENCE NETWORK**

## XXII IUFRO World Congress

**FORESTS IN THE BALANCE: LINKING TRADITION AND TECHNOLOGY**

## SPECIAL ISSUE

### Scientific Awards

*The International Union of Forest Research Organizations (IUFRO) honours through a variety of awards those who advance science and promote international cooperation in all fields of research related to forestry.*

At each IUFRO World Congress, the following awards for scientific work are presented:

- Scientific Achievement Award (SAA),
- Outstanding Doctoral Research Award (ODRA),
- Best Poster Award (BPA).
- The IUFRO World Congress Host Scientific Awards will be presented for the first time at this Congress.

The Congress also offers the ideal setting for presenting the

- IUFRO Student Award for Excellence in Forest Science (ISA) for the first time.

Apart from the Best Poster Award winners, who will be chosen during the Congress, all award winners have already been selected and are presented in this special issue.

#### SCIENTIFIC ACHIEVEMENT AWARD (SAA)

Awards will be made for research results published in scientific journals, proceedings of scientific meetings or books, or appropriate patents or other relevant evidence that clearly demonstrates the importance of the scientific or technical achievement to the advancement of forestry or forest research. Other criteria of judgement are dissemination of results, implementation of knowledge, methods or techniques in practical forestry and skilled research management.

*The SAA will be presented during the Opening Ceremony of the Congress on Monday, August 8.*

#### OUTSTANDING DOCTORAL RESEARCH AWARD (ODRA)

Awards will be made for path-breaking doctoral theses including post-doctoral or other scientific activities within five years after the dissertation.

*The ODRA will be presented during the Business Meetings of the IUFRO Divisions.*

#### BEST POSTER AWARD (BPA)

Awards will be made for quality of research design, presentation of data, organization and neatness of the poster. Research suitable for the Best Poster Award may be self-contained, or part of a larger project, or a preliminary communication from a study yet to be completed or published.

*The BPA will be presented during the Closing Ceremony of the Congress on Saturday, August 13.*

#### IUFRO WORLD CONGRESS HOST SCIENTIFIC AWARD

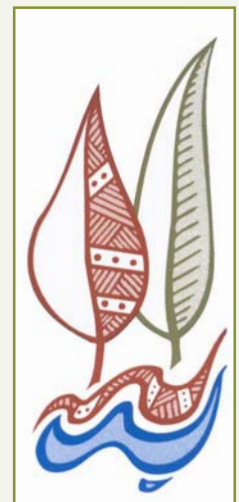
The Congress Host Scientific Award honours a truly outstanding scientist from the Congress host country/ countries who has elevated the profile of forest science and research accomplishments.

*The Host Scientific Awards will be presented during the Opening Ceremony of the Congress on Monday, August 8.*

#### IUFRO STUDENT AWARD FOR EXCELLENCE IN FOREST SCIENCE (ISA)

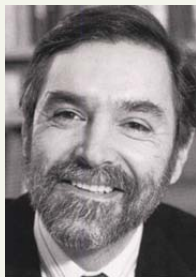
This award aims at students of forest-related sciences and recognizes outstanding scientific publications, Master's- or diploma theses (not Ph.D. theses).

*The ISA will be presented during the Business Sessions of IUFRO Divisions 4 and 6.*



*Find out more about IUFRO awards for scientific work and for services to IUFRO on our website [www.iufro.org](http://www.iufro.org) !*

## SCIENTIFIC ACHIEVEMENT AWARD WINNERS 2005



**Joseph Buongiorno** is the Class of 1933 Bascom Professor and the John McGovern WARF Professor of Forest Ecology and Management at the University of Wisconsin, Madison. He specializes in Economics and Management. He has contributed especially to the study of international forest product markets, and to the management of mixed-species uneven-aged forests.

Buongiorno has received the first Society of American Foresters' Science Award, the Hilldale Award in Social Studies of the University of Wisconsin, and the Hardwood Research Council National Award. He is a corresponding member of the Académie d'Agriculture de France. His teaching has been distinguished by the first Society of American Foresters' Carl Schenk Award, and by the College of Agricultural and Life Sciences John W. Jung Award. Buongiorno holds an Ingénieur degree from the École Supérieure du Bois, Paris, an M.S. from the College of Environmental Science and Forestry, Syracuse, and a Ph.D. from the University of California, Berkeley. He has also worked at the Food and Agriculture Organization of the United Nations in Rome, the École Nationale du Génie Rural des Eaux et des Forêts in Nancy, the Consiglio Nazionale delle Ricerche of Italy, the International Institute for Applied Systems Analysis, and with the World Bank.



**Shashi Kant** is an Associate Professor of Forest Economics and Management at the Faculty of Forestry, University of Toronto. He worked as a professional forester in India for ten years before coming to Toronto. He has been the Deputy Leader of the IUFRO Group 4.04.02, Managerial Economics in Forestry since 2001.

Shashi Kant is a proponent of Post-Newtonian paradigm of forest economics, and he is leading global efforts towards the growth of Economics of Sustainable Forest Management (SFM). He is the Editor in Chief of a book series on "Sustainability, Economics, and Natural Resources" published by Springer. He has co-edited two books on Economics of SFM, and guest edited a Special Volume of Forest Policy and Economics on Economics of SFM. He has been awarded Premier's Research Excellence Award by the Premier of Ontario, Canada, in 2004, for his research on SFM.

He has published more than 100 refereed and non-refereed papers. His research interests include choices in non-market situations; institutional and evolutionary aspects, social production process, forestry organizations, public participation, aboriginal issues, international trade, game theoretic and agent-based models, economics of uneven-aged forests, tropical deforestation, and co-management. His research covers forestry issues in Canada, China, India, and Vietnam. He has worked as a consultant to FAO, SIDA, UNEP, INBAR, and Ontario Ministry of Natural Resources, Canada.



**David Karnosky** is currently Professor of Forest Genetics and Forest Biotechnology at Michigan Tech University, where he also is Director of one of the world's largest climate change studies, the Aspen FACE project. Prior to moving to Michigan Tech in 1983, Dr. Karnosky was director of the Institute of Urban Horticulture at the New York Botanical Garden and Forest Geneticist at the Garden's Cary Arboretum from 1975-

83. Dr. Karnosky is a graduate of the University of Wisconsin where he completed his B.S., M.S. and Ph.D. degrees in Forestry and Forest Genetics. A long-time participant in IUFRO, Dr. Karnosky was co-chair of the Genetics of Air Pollution and Climate Change for over 20 years before becoming Division 7 (Forest Health) Coordinator and Executive Board member from 1995-2000.

Dr. Karnosky's research interests are varied and include genetic aspects of air pollution and climate change, improving forest productivity in northern regions, and gene isolation and transfer in forest trees. He is probably best known for his ground-breaking studies of pollution-induced population changes and for his pioneering work on genetic engineering of larch. Dr. Karnosky's research has spanned the globe and he currently collaborates with colleagues in Europe, Asia, and Africa.



**Victor Liefers** received his degrees from the University of Saskatchewan and University of Manitoba, Canada and has been a professor of silviculture at the University of Alberta since 1983. His research has been on ecological management of boreal mixedwoods, competitive dynamics, clonal regeneration of hardwoods, light transmission in forests, hydraulic architecture of forest trees in relation to silviculture, and

understanding crown shyness in maturing conifer stands. He has published more than 115 refereed publications and has an active extension program to apply this work to improving forest management and policy. His work has been embraced by forest managers as evidenced by his Industrial Research Chair from the Natural Sciences and Engineering Council of Canada. As a professional forester, Liefers has linked his scientific expertise with forestry practice.

Liefers has won the Scientific Achievement Award for the Canadian Institute of Forestry, and a Killam Professorship. He has trained more than 40 graduate students and postdoctoral fellows and has won awards for excellent mentoring of graduate students and undergraduate teaching. He has a long history of involvement in scientific publishing as the past Editor of the Canadian Journal of Forest Research and is currently on the Editorial Boards of Tree Physiology and the Canadian Journal of Forest Research.

## SCIENTIFIC ACHIEVEMENT AWARD WINNERS 2005 - continued



**P. K. Ramachandran Nair** is Distinguished Professor and Director, Center for Subtropical Agroforestry, University of Florida (UF), USA. He was educated in India (Ph D), England (postdoctoral), and Germany (a second doctorate while being a Humboldt Fellow). Working at the Plantation Crops Institute in Kasaragod in southern India during the early 1970s, Dr. Nair developed the multistoried

cropping systems with tree crops. He is a founder of ICRAF (World Agroforestry Centre), Nairobi, Kenya, where he worked for nine years. Joining the UF in 1987, he established the Agroforestry Program (1992) and the Center for Subtropical Agroforestry (2002). Fifteen doctoral and 25 Master students have graduated under his supervision. He was the chair of the global organizing committee for the 1<sup>st</sup> World Congress of Agroforestry, Florida, 2004). He has authored/edited 12 books, 125 journal articles and 35 book chapters, including four encyclopedia contributions. He has been the Editor-in-Chief of *Agroforestry Systems* since 1994. Professor Nair is a Fellow of the American Association for the Advancement of Science, American Society of Agronomy, and Soil Science Society of America. He has received an Honorary Doctorate Degree from Kyoto University, Japan, and several other awards including the Society of American Foresters' Barrington Moore Award.



**Dave Peterson** is a Research Biologist with the U.S. Forest Service Pacific Northwest Research Station and Professor at the University of Washington, Seattle. He received his PhD. from the University of Illinois in 1980, and has worked as a federal research scientist since that time. With primary research interests in fire ecology, mountain ecology, and climate change science, he has

published 160 scientific articles and three books. International activities with IUFRO and other organizations include participation in working groups on air pollution effects in forests, climate change, and natural resource monitoring. He is currently developing quantitative guidelines for fuel treatment in dry forests of western North America, and is principal investigator for the Western Mountain Initiative, a scientific consortium focused on climate-change effects in mountain ecosystems. He and his wife manage a tree farm where they are growing native conifers and improving wetland habitat.



**Rémy Petit** is Director of Research at INRA Bordeaux, France. He is currently acting as associate editor for the journals *Molecular Ecology* and *Conservation Genetics*. He is a tree population geneticist and evolutionary biologist with a wide range of interests in molecular ecology, phylogeography, forest history, organelle genetics and evolution, genetic diversity, molecular evolution, palaeogenetics, and con-

servation genetics of trees. In particular, he largely contributed to launch phylogeographic studies in plants in the early 90s and has coordinated major projects in tree phylogeography and palaeogenetics supported by the European Union, involving geneticists and palaeoecologists. He has also actively cooperated with colleagues from developing countries. Throughout the years, he has developed widely used molecular markers and methods of diversity analysis for population genetic surveys. He also led the work resulting in the first authenticated retrieval of DNA from dry wood, including in ancient samples, organized two international conferences on tree phylogeography and ancient DNA studies and is co-inventor of a method to trace the geographic origin of wood. One of the major research questions with which he is currently struggling is the following: "What are the evolutionary consequences of being a tree?"



**John Spence** received his BSc (1970) in biology at Washington and Jefferson College, his MS (1974) in Zoology at the University of Vermont, and his PhD (1979) in Zoology at the University of British Columbia. He has been in an academic position at the University of Alberta in Edmonton, Canada since receiving his PhD and was appointed as Chair of the University's Department of Renewable Resources in July 2001. He's

been a visiting academic at the University of Oxford and Michigan State University and a visiting scientist with both the United States and Canadian Forest Services. Research in Spence's laboratory has pursued both basic and applied questions in entomology and in forest and aquatic ecology. Work on the population biology of water striders has included studies of habitat use, mating behavior, parasitoids, the genetic architecture of hybrid zones, allometric growth patterns, and both classical and molecular systematics. Work with carabid beetles has included studies of guild structure, impact and movement of introduced species, and the relationship between community structure and habitat disturbance. Work on forest ecology, forest pest management and biological control has included studies of beetle, moth, and spider populations and assemblages. In particular, Spence's research group has interacted extensively with colleagues and the Canadian Forest Service (CFS) and in Finland to pioneer use of arthropods for understanding impacts of forest practices on arthropods in the boreal zone. Work with colleagues at CFS and with graduate students has developed innovative pest management solutions for boreal pest species that can be built into silvicultural prescriptions.

## SCIENTIFIC ACHIEVEMENT AWARD WINNERS 2005 - continued



**John Turner**, BSc(For) and PhD, is a Research Scientist currently employed by the forest research company, Forsci Pty Ltd and also acts as Adjunct Professor in the School of Resource Science and Management at Southern Cross University. He has worked continuously in the areas of forest science and the impacts of Forests NSW for more than thirty years, initially as a Forester, then Senior Research

Scientist and for the last ten years as Director of Research. After completing his Doctorate at the University of Washington, he worked with the International Biological Program with Prof Dale Cole and Prof Stan Gessel. Subsequent research work addressed aspects of nutrition, nutrient cycling, and management of forest soils, the focus being on Site Specific Management. Current research work is being undertaken in various Australian States and overseas and includes nutrition and nutritional management in fast grown plantations, matching appropriate species to site. He has more than 180 scientific publications on soil evaluation, nutritional status, forest/site interactions, catchment management, monitoring water quality, fertilizer usage in forests, nutrient cycling, and management impacts. He is a member of a number of professional scientific organizations including the Institute of Foresters of Australia and is a Registered Professional Forester.



**S.Y. (Tony) Zhang** is Senior Scientist and Leader of the Resource Assessment & Utilization Program at Forintek (Canada's Wood Products Research Institute) in Quebec City. He also serves as Adjunct Professor at five universities, currently supervising/co-supervising 20 Postdoctoral Fellows and graduate students. Dr. Zhang holds B.Sc. in forest science, M.Sc. in wood technology and Ph.D. in wood

science. He has initiated over 30 research projects, and much of his research has been undertaken in collaboration with leading forest/wood research institutions across eastern Canada. His research has been focused on the entire wood value chain from forest management to product recovery in order to achieve improved forest management and value-added wood utilization through an integrated approach. Dr. Zhang has published 228 scientific papers, reports and books. He has received a number of awards and honors, and is a Fellow of the International Academy of Wood Science. Currently, he serves IUFRO (5.01.02 Working Party) and a dozen of other professional organizations. He has organized/co-organized ten national and international workshops, conferences and seminars, and given over 120 invited presentations at various conferences and workshops. He is frequently called by the forest industry and government agencies for technical assistance and advice.

## OUTSTANDING DOCTORAL RESEARCH AWARD WINNERS 2005



**John G. Bellow**, 38 years, studied geology and Russian at Bowdoin College in Brunswick, Maine, receiving an AB in 1989. He worked in agroforestry with the U.S. Peace Corps in the Philippines in 1989-1990. In 1997, he entered the graduate program of the School of Forest Resources and Conservation at the University of Florida. In 1998, he received the Dickinson Award in

Tropical Agriculture to support his work in Costa Rica on overstory characteristics for shaded coffee production leading to the Master of Science in collaboration with CATIE. In 1999, he received the E.T. York Presidential Fellowship to continue his studies at the Ph.D. level. He is a member of Phi Kappa Phi and the agricultural honor society Gamma Delta Sigma. In 2001, he received a fellowship from the National Security Education Program for research in Guatemala on integrating deciduous fruit trees with annual crops. In collaboration with *El Instituto de Ciencia y Tecnología Agrícola* (ICTA) in Quetzaltenango, he completed the research leading to the Doctor of Philosophy in 2004. He has attended and presented at IUFRO Division meetings in the US and internationally. Currently he works in the Southeast Climate Consortium at Florida State University and studies impacts of climate variability on agricultural systems.



**Eugénie S. Euskirchen** received her Ph.D. in forest science from Michigan Technological University in 2003 advised by Drs. Kurt Pregitzer and Jiquan Chen. Her M.S. (Johns Hopkins University; 1997) and B.S. (Marymount College; 1994) are in mathematics, an area of study that has proven useful in her forest research. Her overall research interest pertains to trying to understand the forest carbon cycle as it

is altered due to human disturbance, land use modification, and climate change. She has examined the forest carbon cycle across a variety of temporal and spatial scales using empirical and model-based methods. During her time as a Ph.D. student, she investigated how the age of forests determines the amount of carbon they withdraw from the atmosphere within the Upper Great Lakes Region of the United States, and through an extensive literature review of forests globally. Currently, she is a postdoctoral scientist in the Institute of Arctic Biology at the University of Alaska Fairbanks. She is exploring how seasonal snow cover dynamics can affect the growing season length and net carbon uptake of high latitude forests using a large-scale terrestrial ecosystem model. Through her affiliation with Michigan Technological University, a school with strong ties to IUFRO, she has participated in IUFRO meetings, including those of the IUFRO Landscape Ecology Working Party.

## OUTSTANDING DOCTORAL RESEARCH AWARD WINNERS 2005 - continued



**Christian Gamborg** is a Senior Researcher at the Centre for Forest, Landscape and Planning in Denmark, and a Senior Research fellow at the Danish Centre for Bioethics and Risk Assessment (CeBRA). He holds a PhD in Bioethics and natural resource management from the Royal Veterinary and Agricultural University (KVL) - *Sustainability and biodiversity: Ethical perspectives on forest management*.

Since 1998 the majority of his research has been within bioethics and sustainability aspects of forestry, natural resource and landscape management, agriculture, genomics and science-policy-dissemination interaction. He teaches ethics in courses at the Royal Veterinary and Agricultural University, such as Forest Policy and Philosophy of Science. His IUFRO contributions include being local organizer for the IUFRO "Science/Policy Interface" Task Force workshop in Copenhagen, 2003 (co-editor for proceedings published in *Scandinavian Journal of Forest Research*) and work for the Task Force "Forest Biotechnology".



**Pablo García** was born in Chile and grew up in Rotorua, New Zealand. He studied Chemical and Materials Engineering at the University of Auckland, New Zealand, where he graduated with honours in 1994, and received awards for the most meritorious Chemical Engineering final year research project. On a Graduate Research Assistantship and subsequently with an awarded University Graduate Fellowship,

Pablo went on to complete his PhD in 2002 at the Faculty of Forestry (an IUFRO member organization) of the University of British Columbia, Vancouver, Canada. His Ph.D. involved experimental and theoretical research into the hot-pressing manufacture of wood-composite panels. During 2001 Pablo was at Signature Control Systems in Denver, Colorado, USA, helping develop a dielectric cure-monitoring system for hot-press control. After his Ph.D., Pablo García continued researching wood-composite hot-pressing while in a Post-Doctoral Research Associate position at the University of Tennessee Forest Products Center, Knoxville, Tennessee, USA. In 2004, Pablo became a Research Scientist at the Coates Technical Center of Masonite Corporation in West Chicago, Illinois, USA. There, he has been implementing aspects of his research and developing new generations of wood-composites.



**Kyu-Suk Kang** was born on December 15, 1965, in Buyeo, one of the most famous and oldest cities historically in Korea. He graduated from the Seoul National University in Korea. From the same University, he took the Master of Science course. He worked for the Forest Genetics Research Institute (FGRI) from 1992 after finishing his MSc. While he was working for the FGRI (now merged to Korea Forest Research Institute, KFRI), he went to

Sweden for taking Ph.D. courses under supervision of Dag Lindgren who is a professor of forest genetics at the Department of Forest Genetics and Plant Physiology in the Swedish University of Agricultural Science (SLU). He had finished his Ph.D. degree in the field of forest genetics from SLU-Umeå in 2001. After getting his Ph.D. he came back to Korea and devoted his knowledge to the KFRI (Division of Tree Breeding). Since 1998, he had published more than 30 papers to international journals and contributed greatly to the tree breeding program in Korea. Also, he received an outstanding research article award from the Korean Federation of Science and Technology Societies in 2003.



**Sofía Sánchez Orois** is currently working at the Institute for Environment and Sustainability of the EC Joint Research Centre on the field of biomass estimation in support of the INFOREST activities. She received her doctor degree in Forestry at the Georg-August University Goettingen (Germany), in 2003. The emphasis of her dissertation was on forest growth modelling for spruce and pine stands and on other related topics where

the developed growth models were applied i.e. on the generation of management options, on the economical evaluation of management options and on the linear optimization of the forest management. She received her M. Eng. in Forest Science from the Universidade de Santiago de Compostela (Spain) in 2000 and her B. Eng. in Forestry Science, Technology and Engineering from the Universidade de Vigo (Spain) in 1997. She worked as researcher and teaching assistant at the Institute of Forest Management, Georg-August University, Goettingen (2003-2004) and before joining the JRC she was working at the Galician General Directorate for Research and Development (May-September 2004).

## OUTSTANDING DOCTORAL RESEARCH AWARD WINNERS 2005 - continued



**Bernard Slippers** was born in Walvisbay, Namibia. He graduated with his MSc in Microbiology from the Free State University, South Africa. For this work on the *Sirex* - *Amylostereum* pest complex in the Southern Hemisphere, he received various awards, including the Junior Captain Scott Medal for an outstanding M.Sc. dissertation at a South African University. He was awarded a PhD

degree in Microbiology and Plant Pathology (2003) at the Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria. The topic of his PhD was, 'The taxonomy, phylogeny and ecology of Botryosphaeriaceous fungi occurring on various woody hosts'. Some of the important contributions of this

work were to establish benchmark samples and techniques to characterize *Botryosphaeria* species, including previously overlooked cryptic species. Currently, Bernard Slippers is a postdoctoral fellow at the Swedish University of Agricultural Sciences, Uppsala, Sweden. The project (in collaboration with FABI) focuses on characterizing the Siricid woodwasp - *Amylostereum* symbiosis in native and introduced environments. He is interested in fungal-insect interactions in wood and wood products, especially relating to introduced pests and pathogens. He uses patterns of molecular evolution to characterize such pathogens, pests and human influences to improve management strategies. Bernard has contributed to more than 20 papers in peer-reviewed journals, gave a number of presentations at scientific meetings in South Africa, Europe and Australia and has been invited as speaker to three international congresses.

## IUFRO WORLD CONGRESS HOST SCIENTIFIC AWARD 2005



**E.K. Sadanandan Nambiar** is a Chief Research Scientist and Science Director, CSIRO Forestry and Forest Products, Australia. He studied at the University of Madras (India), Agricultural University, Wageningen (Netherlands) and the University of Ghent (Belgium).

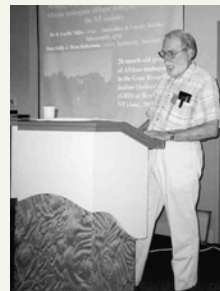
In CSIRO, he has led national level multi-disciplinary research on sustainable management of plantation

forests on stress prone environments and on forestry for environmental benefits. His research advanced the integration of disciplines of soil science, ecophysiology, forest nutrition, genetics and silviculture to solve major problems and our insights into ecosystem process governing long-term productivity.

He has built enduring partnerships with forest industry and land management agencies for fostering application of research results for better management. He contributes actively to public debates and policy development on forestry.

He has published original research extensively, edited major books and proceedings, and written numerous other publications. He has served on the editorial boards of three international journals and has played leading roles in the activities of IUFRO.

Dr Nambiar is committed to international collaborative research supporting sustainable forestry in developing countries in the tropics. He is a tireless advocate of the potential of man-made forests, agro-forests and wood lands as land use systems, which can foster both economic prosperity and environmental benefits to society.



**D. Garth Nikles** (B Sc For, Dip For, Ph D, PSM) has 47 years of experience in forest tree genetic improvement in eastern Australia (predominantly in Queensland) and overseas. His work in Australia has been mainly with hoop pine, a number of tropical pines and hybrids, several acacias, eucalypts/corymbias, and African mahogany. He has also bred inter-provenance hybrids of hoop pine and Caribbean pine. Garth

Nikles has worked with some of these and other species in many overseas countries. Both there and in Australia, he has also undertaken many consultancies and given training courses with positive impacts. He and co-authors have publications spanning 45 years; and he has co-supervised several post-graduate students. He is the recipient of several state, national and international, including IUFRO, awards.

Garth Nikles retired in 2000 and holds a Post-retirement Associateship with the Queensland Department of Primary Industries and Fisheries, Horticulture and Forestry Science. He provides mentoring, and assistance to the breeding and deployment planning for pine hybrids and, together with David Lee, to developing improvement strategies with hardwoods including *Corymbia* species and hybrids, and red mahogany (*Eucalyptus pellita*) along with some of its hybrids. He will be reporting some of this work in two papers to the 2005 IUFRO World Congress.

**IUFRO STUDENT AWARD FOR EXCELLENCE IN FOREST SCIENCE 2005**



**Katja Eisbrenner** has a Master of Science degree in International Forestry from the Georg-August University Goettingen, Germany. During her Master studies she took part in the exchange program of the University of Goettingen and the University of British Columbia (UBC), Vancouver, Canada. During the academic year at UBC she became aware of research in the field of Non-Timber Forest Products in Canada

and arranged a joint master thesis project between the University of Göttingen and UBC. For this research she explored the development of capabilities of Non-Timber Forest Products at Malcolm Knapp Research Forest (UBC). During the academic studies for her Bachelor and Master in Forestry at the University of Goettingen, Katja Eisbrenner took part in international field trips to Chile and Slovakia, carried out a Cost and Benefit analysis of Agroforestry operations in Ecuador and did internship with the Forest Stewardship Council in Mexico. Currently Katja Eisbrenner is working for the Accreditation Program at the Forest Stewardship Council International Center in Bonn, Germany.



**Carlos A. Ruiz-Garvia** born in La Paz (Bolivia) obtained his degree as Forestry Engineer from University of Concepcion (Chile). He received the *Mario Puente Espil Award* (Granted by Mininco S.A.) in 1997 for his thesis work on innovation of GPS technologies in forestry. He worked in forest management and environmental issues at Fundación Chile, FAO, ITTO and Repsol-YPF in Chile and Bolivia. In 2003, he earned

a M.Sc. degree in Tropical Forestry from the University of Goettingen (Germany). Since his undergraduate student time, he has been actively involved in IFSA and IUFRO initiatives. In August 2003, he presented part of his M.Sc. research in Davos (Switzerland) at the WSL Institute during an IUFRO conference.

Mr. Ruiz is currently involved in a doctoral research at the University of Goettingen within the International Ph.D. Program in Agricultural Sciences – IPAG and as part of the IAI-CRN001 "Biogeochemical cycles under land use change in the semiarid Americas". His research focuses on the production potential and ecosystem quality of secondary forests recovered from agriculture in Northern Yucatán (Mexico). His areas of interest are in tropical forestry, land use management and its implications for global climate.



*Hope to see you at the  
Brisbane Convention  
and Exhibition Centre !*

