

THE ONLINE INFORMATION BULLETIN OF THE GLOBAL FOREST SCIENCE NETWORK

A Journey to Mongolia – Exploring Opportunities for Forest Research Collaboration

By Alexander Buck (Deputy Executive Director of IUFRO) and Risto Seppälä (Immediate Past President of IUFRO)

The group of tourists exploring Terej National Park some eighty kilometers from the Mongolian capital Ulaanbaatar on horseback is impressed by the beauty of the country and the vastness of the steppe. However, these are no regular tourists on an adventure trip to an exciting country but international forest scientists with a particular interest in Mongolian ecosystems and forest-related research activities. They are here on the invitation of the Mongolian Academy of Sciences and the National University of Mongolia and are members of the IUFRO Enlarged Board.

Mongolia is both the second-largest landlocked country in the world and one of the least densely populated countries. Forests cover only about 10 million hectares, or about 7 percent of the total land area, but, as explains Dr. Jamsran Tsogtbaatar, Director of the Institute of Geoecology of the Mongolian Academy of Sciences, they provide essential environmental protection functions, prevent or mitigate soil erosion and serve as important windbreaks in the fight against desertification. They also protect watersheds and serve as unique wildlife habitats. In previous years, extreme weather events, extensive forest fires and major insect outbreaks caused severe damage to the forests and served as important reminders of how easily the fragile ecosystems of Mongolia can be affected by climatic changes, for example. Thus, forest-related research activities in Mongolia need to focus strongly on maintaining the ecological balance and protecting and rehabilitating natural resources.

Two organizations carry out most research related to forests and trees in Mongolia: the Institute of Geoecology of the Mongolian Academy of Sciences, and the Department of Forestry of the Faculty of Biology at the National University of Mongolia. They both have a strong interest in international collaboration and the development of joint research projects and activities and this is why they decided to become members of IUFRO in 2006. As a third member, the Green Gobi Center N.G.O. joined IUFRO in spring 2007.

In a presentation to the IUFRO Board members, Professor Nachim Baatarbileg, Head of the Department of Forestry, outlined the possible fields of collaboration with other IUFRO members and scientists:



Photo: Alexander Buck, Terej National Park

- Joint research projects
- Curriculum development of the Forestry Department
- Guidance on high-quality scientific literature and publications that could be translated into Mongolian language for use as study material
- Guest professors and lecturers, as well as exchanges of Master's and PhD students
- Scientists' training and support for participation in IUFRO meetings and training courses

Some concrete ideas for cooperation were discussed with the Mongolian IUFRO Members, including restoration ecology, fast growing tree species and biotechnology. Dr. Tsogtbaatar highlighted the serious degradation of forest ecosystems in Mongolia and the associated loss of wildlife, and encouraged strong cooperation in this area.

Both the Institute of Geoecology and the Department of Forestry expressed their interest in hosting IUFRO-sponsored scientific meetings and conferences. Furthermore, the Faculty of Biology maintains four ecological training and research field stations which offer exciting opportunities for field research and study visits. If you would like to learn more about collaboration possibilities with IUFRO Members in Mongolia, please contact the IUFRO Secretariat, Dr. Tsogtbaatar (tsogtbaatarj (at) magicnet.mn), or Professor Baatarbileg (Baatarbileg (at) biology.num.edu.mn).

(text edited)

Sharing Indigenous Wisdom: An International Dialogue on Sustainable Development

By Ronald L. Trosper, Faculty of Forestry, University of British Columbia;
North American Focal Point, Task Force on Traditional Forest Knowledge.

The IUFRO Task Force on Traditional Forest Knowledge and the U.S. Forest Service this year joined with the Sustainable Development Institute of the College of Menominee Nation in organizing the college's second conference on Sharing Indigenous Wisdom from 11-15 June 2007 in Green Bay, Wisconsin (USA).

Over one hundred participants discussed issues surrounding the incorporation of indigenous wisdom in the Menominee model of sustainable development. The Menominee model focuses attention on sustainability and its relationship to land and sovereignty; economics; technology and science; institutions; human perception, activity and behavior; and natural environment. Separate sessions addressed each of these issues and problems in maintaining balance and reconciling inherent tensions among the various dimensions of sustainability.

The conference provided a forum for indigenous people's voices on traditional wisdom, knowledge and values, problem-solving and research in support of sustainable indigenous communities.



One theme throughout the conference was a shared understanding of the critical importance of respect for the wisdom of elders and the link they represent between past and present generations. It was stated that collaboration between indigenous peoples and mainstream society is critical for future generations and preservation of the environment.

The proceedings of the conference will be published in early 2008 by the Sustainable Development Institute of the College of Menominee Nation in collaboration with the IUFRO Task Force on Traditional Forest Knowledge and the U.S. Forest Service.

(abridged)

More information, including presentations, can be found on the conference website:

www.sharingindigenouswisdom.org/

Picture captions:

Top: Head Dancers

Centre: Menominee foresters explain the Tribe's forest management

Bottom: Stopping at the College of the Menominee Nation

Publications

Climate Change Mitigation, Forest Management and Effects on Biological Diversity

<http://www.iufro.org/science/task-forces/>

5th Newsletter of the IUFRO Task Force on Forests and Carbon Sequestration

Forests and forest management have the potential to make substantial contributions to national and global mitigation portfolios designed to reduce the rate of carbon dioxide (CO₂) increases in the global atmosphere. In developing appropriate management strategies involving forests, managers are increasingly expected to consider a wide range of issues and indicators, including the impacts of their actions on the greenhouse gas balance.

The IUFRO Task Force on Forests and Carbon Sequestration addresses issues related to the potential role of forests in carbon sequestration and prepares readily accessible

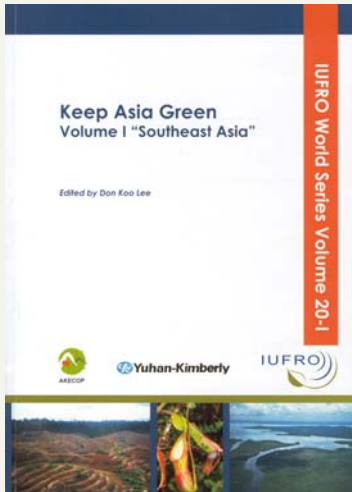
synthesis information, including a series of newsletters or e-Notes. The first four issues addressed the role of forests in the global carbon cycle, the impacts of disturbance regimes on forest carbon storage, the economics of forest management, and forest management options to increase carbon storage.

The final chapter on Future Prospects and Policy Options of this 5th issue shows that balancing biodiversity and climate concerns may result in both win-win strategies and some potential conflicts in need of political compromises. IUFRO can contribute scientific support to this dialogue.

Contact: Werner Kurz, Task Force Coordinator, Natural Resources Canada, [Wkurz\(at\)nrcan.gc.ca](mailto:Wkurz(at)nrcan.gc.ca)

Keep Asia Green Volume I "Southeast Asia"

Don Koo Lee (Editor), 2007. *Keep Asia Green Volume I "Southeast Asia"*, IUFRO World Series Vol. 20-1. Vienna. 242 p. ISSN 3-901347-55-0; ISBN 978-3-901347-69-6



Scientists from 8 countries in the region worked together to elaborate a comprehensive document analyzing the latest status of forest rehabilitation in Southeast Asia.

For copies, contact: office(at)iufro.org
<http://www.iufro.org/auth/science/special/spdc/actpro/keep/>

Challenges and Opportunities of Forest Research in the Policy-Making Process

IUFRO Occasional Paper 18

A symposium organized jointly by the International Union of Forest Research Organizations and the Chinese Academy of Forestry

Editor: John L. Innes

Published: 2007; ISSN 1024-414X

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<http://www.iufro.org/auth/publications/>

Social and Cultural Values of Forests – Benefit for Today's Society

News of Forest History No. IV/(38)/2007

Scientific studies presented at the two panel sessions on "Social and cultural values of forests – benefit for today's society" and "Social and cultural values of forests – benefits based management" organized and chaired by the IUFRO Research Group 6.07.00 Forest and Woodland History at the IUFRO World Congress 2005 in Brisbane, Australia.

Contact: Elisabeth Johann, elis.johann@utanet.at

Complex Stand Structures and Associated Dynamics: Measurement Indices and Modelling Approaches

Popular Summaries

Compiled by P.F. Newton, IUFRO 4.01.02 and V.M.

LeMay, IUFRO 4.01.00, Conference cochairs

With A. Groot, P. Marshall, W Meades, K. O'Hara, M.

Sharma and M. Ter-Mikaelian

Conference from July 29-August 2, 2007,

Sault Ste. Marie, Ontario, Canada

IUFRO Tree Seed Symposium 2006

Proceedings

"Recent Advances in Seed Physiology and Technology" Meeting of IUFRO Research Group 2.09.00

Fredericton, New Brunswick, Canada

Edited by T L Beardmore, J D Simpson. Published in 2007.

For copies: Tannis Beardmore, NRC Canada, Canadian FS, PO Box 4000, Fredericton, NB Canada E3B 5P7

IUFRO Conference on Forest Landscape Restoration

Proceedings

May 14-19, 2007, Seoul, Korea

Contact: John Stanturf, Email: [jstanturf\(at\)fs.fed.us](mailto:jstanturf(at)fs.fed.us)

Forests, People and Power: The Political Ecology of Reform in South Asia

Part of the Earthscan Forestry Library

Edited by Oliver Springate-Baginski and Piers Blaikie

Hardback, ISBN 1844073475 / 9781844073474

Publication date: July 2007

Sampling Methods, Remote Sensing and GIS Multiresource Forest Inventory

By Michael Köhl, Steen S Magnussen, and Marco Marchetti

2006, 373 p. Springer.

The book presents the state-of-the-art of forest resources assessments and monitoring and provides links to practical applications of forest and natural resource assessment programs.

<http://www.springer.com/west/home?SGWID=4-102-22-138789489-0>

Voluntary Guidelines for Responsible Management of Planted Forests and for Fire Management

FAO collaborated with a wide range of partners and stakeholders in preparing these guidelines, through technical and expert consultations and six Regional Forestry Commissions during 2006. The two voluntary guidelines are available in English, French and Spanish and address the social, cultural, environmental as well as economic dimensions of planted forests and fire management. Furthermore they encourage policy dialogue, strategic planning and integrated actions across sectors.

For hardcopies, contact:

Jim Carle, Senior Forestry Officer: [jim.carle\(at\)fao.org](mailto:jim.carle(at)fao.org).

Relevant web references:

www.fao.org/forestry/site/firemanagementguide/en

www.fao.org/forestry/site/firealliance

www.fao.org/forestry/site/plantedforestsguide/en

Honorary Doctorate for IUFRO President from Moscow State Forest University (MSFU)

On July 19, 2007, **IUFRO President Don Koo Lee**, Professor at the Department of Forest Sciences of the College of Agriculture and Life Sciences (CALS) at Seoul National University (SNU) received the Honorary Doctoral degree from MSFU in recognition of his activity and high productivity in the field of research in forestry. The degree was given to Professor Lee in the presence of Professor Victor G. Sanaev, the University Rector, Professor Valentin S. Shalaev, the Vice-Rector for International Relations of the University, faculty members, Professor Jun Jae Lee, Dean of CALS, SNU, and other distinguished guests.

MSFU was established in 1919 and is a prestigious and leading educational and scientific research institution in the forest sector of Russia.



Photo:

Professor Victor Sanaev, the University Rector, presenting the award to Professor Don Koo Lee.

Knighthood

Professor Niels Elers Koch, IUFRO Vice-President for Science, was awarded "Knight of the 1st Degree of the Order of the Dannebrog" by the Danish Queen for his leadership of the Danish forest and landscape research for more than sixteen years.

80th Birthday

Professor Emeritus Robert Buckman, College of Forestry, Oregon State University, who was IUFRO President from 1987 to 1990, celebrated his 80 birthday on June 28, 2007. Congratulations and best wishes!

Announcement

Post-Doc Research Position in Lisbon

The Technical University of Lisbon and the Instituto Superior de Agronomia, announce the opening of an international call for 1 (one) post-doctoral research position for the Research Centre (Unit) Centro de Estudos Florestais in the research area B. Sustainable Management of Ecosystems – B3. Forest Growth Modelling for research and decision making support - to be contracted for an initial period of 3 years with a possible extension of 2 years. Application deadline: 12th September 2007

Details under: <http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=6821>

IUFRO Meetings

NOTE: The following list of meetings is just a selection!

For a full list of IUFRO events, please visit our online [calendar](#) or the [homepages](#) of IUFRO Units involved. Non-IUFRO meetings are also announced on the IUFRO [Noticeboard](#).

17-19 September

The History, Ecology and Archaeology of Medieval Parks and Parklands

Sheffield, United Kingdom

IUFRO [6.07.02](#)

Contact: Diane Harrison, [info\(at\)hallamec.plus.com](mailto:info(at)hallamec.plus.com)

<http://www.ukeconet.co.uk/>

[index.php?option=com_content&task=view&id=4&I](http://www.ukeconet.co.uk/index.php?option=com_content&task=view&id=4&I)

17-21 September 2007

Second International Symposium on Multi-Strata Agroforestry Systems with Perennial Crops

Turrialba, Costa Rica

IUFRO [1.00.00](#)

Contact: [AFSymposium\(at\)catie.ac.cr](mailto:AFSymposium(at)catie.ac.cr)

<http://web.catie.ac.cr/AFS/Symposium/english/overview.htm>

18-21 September 2007

International Plantation Certification Symposium 2007

Stellenbosch, South Africa

IUFRO [1.00.00](#), [5.00.00](#)

Contact: Cori Ham, [coriham\(at\)mweb.co.za](mailto:coriham(at)mweb.co.za)

<http://academic.sun.ac.za/forestry/Symposium2007/Symp2007.html>

18-21 September 2007

Natural Disturbances and Natural Hazards in Mountain Forests. Challenges and Opportunities for Silviculture

Trento, Italy

IUFRO [1.05.00](#), [1.01.05](#)

Contact: Renzo Motta, [tn07\(at\)unito.it](mailto:tn07(at)unito.it)

<http://www.sisef.it/sisef/iufro.php>

20-25 September 2007

International Workshop on Biological Control of Invasive Species of Forests in the United States and P.R. China

Beijing, China

IUFRO [7.03.08](#)

Contact: Zhong-qi Yang, [yangzq\(at\)caf.ac.cn](mailto:yangzq(at)caf.ac.cn)

25-26 September 2007

International Symposium of Identification of Tree Species and its Origin of Timber of Southeast Asia

Tokyo, Japan

IUFRO [5.00.00](#), [5.01.06](#)

Contact: Hisashi Abe, Email: [abeq\(at\)affrc.go.jp](mailto:abeq(at)affrc.go.jp)

22-26 October 2007

Eucalypts and Diversity: Balancing Productivity and Sustainability

Durban, South Africa

IUFRO [2.08.03](#) and [7.02.07](#)

Contact: Tammy Swain, [tammy\(at\)icfr.unp.ac.za](mailto:tammy(at)icfr.unp.ac.za)

<http://www.iufrodurban.org.za/>

Followed by:

Data Analysis Course for Tree Breeders

From 29 October to 2 November 2007

Durban, South Africa

Organized by South Africa's Council for Scientific and Industrial Research (CSIR)

Contact: Marelize Moolman, MMoolman(at)csir.co.za

23-24 October 2007

3rd International Symposium on Veneer Processing and Products (ISVPP)

Shanghai, China

IUFRO [5.05.00](#)

Contact: Xiaoyan Zhou, Email: isvpp3(at)yahoo.com.cn

<http://isvpp.njfu.edu.cn/Dates.html>

8 December 2007

Forest Day: Shaping the Global Agenda for Forests and Climate Change - Parallel to UNFCCC COP 13

Nusa Dua, Bali, Indonesia

Supported by IUFRO

Contact: Rachel Carmenta, rcarmenta(at)cgiar.org

<http://www.cifor.cgiar.org>

17-20 December 2007

Sustainable Forest Management and Poverty Alleviation: Roles of Traditional Forest-related Knowledge

Kunming, China

IUFRO Task Force on [Traditional Forest Knowledge](#)

Contact: John Parrotta, jparrotta(at)fs.fed.us

<http://www.iufro.org/auth/science/task-forces/traditional-forest-knowledge/activities/unit/T13/>

17-21 February 2008

Old Forests, New Management; Conservation and Use of Old-growth Forests in the 21st Century

Hobart, Australia

IUFRO [4.00.00](#) and [1.05.00](#)

Contact: info(at)cdesign.com.au

<http://www.cdesign.com.au/oldforests2008/>

1-4 April 2008

Linking Forest Optimisation and Inventory

Freising, Germany

IUFRO [4.02.00](#), [4.04.00](#)

Contact: Thomas Knoke, knoke(at)forst.tu-muenchen.de

<http://w3.forst.tu-muenchen.de/~waldbau/lifo2008/>

26-30 May 2008

Alien Invasive Species and International Trade

Shepherdstown, United States

IUFRO [7.03.12](#)

Contact: Kerry Britton, kbritton01(at)fs.fed.us

27-30 May 2008

Technology Transfer, Rural Extension, Endogenous Development and Networking

(Near) Santa Cruz, Bolivia

IUFRO [6.06.01](#)

Contact: Becky R. Bittner, Email: bbittner(at)fs.fed.us

<http://www.fs.fed.us/pnw/calendar/bolivia08.doc>

8-14 June 2008

6th Workshop "Connection between Forest Resources and Wood Quality: Modelling Approaches and Simulation Software"

Joensuu, Finland

IUFRO [5.01.04](#)

Contact: iufro2008.jns(at)joensuu.fi

30 June – 5 July 2008

Recent Advances in Forest Insect Science

Pretoria, South Africa

IUFRO [7.03.00](#)

Contact: Mike Wingfield, mike.wingfield(at)fabi.up.ac.za

<http://www.fs.fed.us/ne/morgantown/4557/iufro/>

25-28 August 2008

IUFRO Interdivisional Conference on "Adaptation of Forests and Forest Management to Climate Change"

Umeå, Sweden

IUFRO [1.00.00](#), [8.00.00](#), IUFRO Task Forces on Forest Science-

Policy [Interface](#), Traditional Forest [Knowledge](#), and Endan-

gered [Species](#) and Nature Conservation

Contact: Björn Hanell, bjorn.hanell(at)ssko.slu.se

Other Meetings

22-23 September 2007

International Workshop on Bamboo and Rattan Sector Development-Industry, Trade, Investment and Policy

Guangzhou, Guangdong Province, China

Contact: Fu Jinhe, jfu(at)inbar.int

<http://www.inbar.int/news/news79.htm>

30 September - 3 October, 2007

Comprehensive Global Vision of Forestry in the 21st Century

Toronto, Canada

Int'l congress as part of the Centennial celebration of the Faculty of Forestry at the University of Toronto

Contact: david.balsilie(at)utoronto.ca

http://www.forestry.utoronto.ca/centennial/int_congress.htm

16-18 October 2007

The Future of Forests in Asia and the Pacific: Outlook for 2020

Chiang Mai, Thailand

Organized to strengthen the Asia-Pacific Forestry Sector Outlook Study (APFSOS II)

Contact: Patrick Durst, patrick.durst(at)fao.org

<http://www.fao.org/forestry/site/39701/en>

17-19 October 2007

Bottlenecks, Solutions, and Priorities in the Context of Functions of Forest Resources

Istanbul, Turkey

Int'l symposium on the occasion of the 150th Anniversary of Forestry Education in Turkey

Contact: symposium150(at)istanbul.edu.tr

<http://orman.istanbul.edu.tr/fored150/english/index.htm>