

THE ONLINE INFORMATION BULLETIN OF THE GLOBAL FOREST SCIENCE NETWORK

What the Past Can Do for the Future Towards the Inclusion of Social and Cultural Values in Sustainable Forest Management

Based on texts by Mauro Agnoletti (IUFRO WP 6.07.00), Eirini Saratsi and Charles Watkins (both IUFRO RG 6.07.04)

Cultural values related to forests and forestry are often based on long historical experience and deep insights into the dynamics of forest ecosystems. Considering the future scenarios presented by environmental change and especially by global warming, the conservation of traditional woodlands and forest management practices, as well as their associated landscape-level adaptations to difficult environmental conditions, should be given priority attention.

This fact was emphasized by the participants of the conference on "Woodland Cultures in Time and Space: Tales from the past, messages for the future". The theme of the conference was effectively interpreted by the diverse papers presented at the event, which not only covered broad historical and geographical areas but also demonstrated very effectively their relevance to future woodland management. The interdisciplinary nature of the conference was also expressed by papers covering five broad areas: Conflicting cultures in forest management; cultural wooded landscapes; landscape change and planning; environmental history and evolution of forest ecosystems, woodlands as places of meaning.

The key conclusions of the conference were that there are several fields of conflicts, different functions and interpretations of wooded landscapes, thus, our understanding about the past and our targets for future conservation should be guided by cultural but also by temporal dimensions. Moreover, the incorporation of cultural values in forest management is essential as these can help to improve diversification and therefore competitiveness of often marginal rural economies, improve the ecological status and appearance of the countryside, and eventually contribute to a higher quality of life for local communities.

These conclusions are in line with the "Guidelines for the Implementation of Social and Cultural Values in Sustainable



*The conference attracted the Greek media and was covered by regional and national newspapers and television. The picture shows Prof. C Watkins interviewed by the Greek media on Mount Paiko.
(Photo by Robert Fish)*

Forest Management (SFM)" that will be presented at the 5th Ministerial Conference on the Protection of Forests (MCPFE) in Poland in early November 2007. The guidelines have been elaborated by the IUFRO Research Group 6.07.00 "Forest and Woodland History" and shall serve as a scientific basis for the pan-European implementation of "Vienna Resolution 3" that was adopted in 2003 and constitutes a decisive step toward the inclusion of social and cultural values in sustainable forest management. The guidelines are composed of strategies and actions that should be implemented by National Forest Programmes and Rural Development Plans and are targeted at three main areas: Management/Conservation; Planning; and Valorization.

The IUFRO conference on "Woodland Cultures in Time and Space" took place from 3-7 September 2007 in Thessaloniki, Greece, and was organized by IUFRO Working Party [6.07.04](#) "Ecological History". It attracted some 150 delegates from 24 countries. At the conference, Professor Mauro Agnoletti, coordinator of IUFRO RG [6.07.00](#) presented the "Guidelines for the Implementation of Social and Cultural Values in Sustainable Forest Management (SFM)" to be published as IUFRO Occasional Paper 19. The proceedings of the Thessaloniki conference will be published in 2008. For more information, contact Eirini Saratsi (E.Saratsi(at)exeter.ac.uk), Charles Watkins (charles.watkins(at)nottingham.ac.uk), and Mauro Agnoletti (mauro.agnoletti(at)unifi.it). [Meeting report](#)

What does it mean ?

ECOLOGICAL HISTORY

FR Ecologie historique – ES Ecología histórica – DE Historische Ökologie

Ecological history reviews from an ecological perspective the long-term effects of geology, climate and human activity on landscapes in general and on trees and forests in particular. Human impacts including cultivation and management systems, urbanization, and introduction of new species appear most important in changing patterns of landscape dynamics.

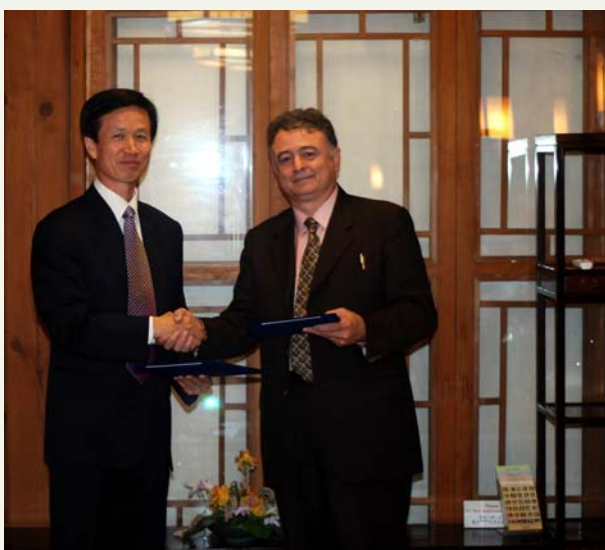
Note - Interpretations of landscape change are strongly influenced by spatial and temporal scale, the differing causes of ecosystem degradation and improvement, and regional variability. The reliability of ecological interpretations can be improved using an approach which includes holistic explanations for landscape dynamics, a.o. documentary evidence, oral history and traditional knowledge.

Let us know your definition of ecological history or share your view on the definition above!

Contact: Renate Prüller, [prueller\(at\)iufro.org](mailto:prueller(at)iufro.org), SilvaVoc

IUFRO and ITTO sign MoU

A ceremony for signing the Memorandum of Understanding (MoU) between IUFRO and ITTO was held on 29 September 2007 at the Korea House Restaurant in Seoul, Korea. The MoU was signed by Dr. Manoel Sobral Filho, Executive Director of ITTO, and Dr. Don K. Lee, the President of IUFRO. (see photo)



It highlights the agreement between ITTO and IUFRO on attaining both their objectives of strengthening the partnership and collaboration through their activities and other undertakings as members of the Collaborative Partnership on Forests (CPF).

Publications

Soon to be released!

IUFRO World Series Vol. 9-it

TERMINOLOGIA DELL'ASSESTAMENTO FORESTALE

Mario Broll and Günther Unterthiner

Termini e definizioni nella lingua italiana

Corrispondenti in lingua inglese, francese, spagnola, portoghese, ungherese, giapponese, rumena e tedesca

This volume is a parallel publication to the German "Terminologie der Forsteinrichtung" and the English "Terminology of Forest Management" equally published in the IUFRO World Series. The work has been done within IUFRO WP [4.04.03](#), the printing of the book was sponsored by the Ufficio Pianificazione Forestale in Bolzano, Italy. Order the book from the IUFRO Secretariat in Vienna, ([office\(at\)iufro.org](mailto:office(at)iufro.org)) or directly from the authors.

Improvement and Silviculture of Beech

Proceedings from the 7th International Beech Symposium by IUFRO 1.01.07 (former RG 1.10.00), 10-20 May 2004, Tehran, Iran. Editors: Khosro Sagheb-Talebi, Palle Madsen and Kazuhiko Terazawa. Published by the Research Institute of Forests and Rangelands (RIFR), Iran.

<http://www.iufro.org/science/divisions/division-1/10000/10100/10107/>

Climate Change and Forest Genetic Diversity

Implications for sustainable forest management in Europe Edited by J Koskela, A Buck and E Teissier du Cros Papers, summaries and recommendations from a workshop organized by IUFRO and Biodiversity International in Paris, France, on 15 and 16 March 2006

ISBN 978-92-9043-749-9; Biodiversity International, Italy, 2007

Urban Forestry & Urban Greening

Special subscription offer to members of IUFRO [6.14.00](#). For details, please contact: [k.ernst\(at\)elsevier.com](mailto:k.ernst(at)elsevier.com)

Report on Tree Water Use

Ensis has released a comprehensive report, titled 'Tree Water Use in Forestry Compared to other Dry-Land Agricultural Crops in the Victorian Context'. The report is available from the Ensis website at <http://www.ensisjv.com/plantationsandwater>. For further information, contact: Phil Polglase, [Phil.polglase\(at\)ensisjv.com](mailto:Phil.polglase(at)ensisjv.com)

State of the World's Forests 2007

The 7th edition of FAO' biennial series has been published. It focusses in particular on the progress towards sustainable forest management. ISBN 978-92-5-105586-1

Genetically Modified Forests: from Stone Age to Modern Biotechnology

By Rowland D. Burdon and William J. Libby. Forest History Society Issues Series 2006, Durham, North Carolina (USA). 79pp. <http://www.foresthistory.org>

Norway Spruce in the Conservation of Forest Ecosystems in Europe

[Scientific Summary](#) and [Meeting report](#) by Janusz Sabor, Coordinator of IUFRO [2.02.11](#)

An international conference on "Norway spruce provenances and breeding" was organized by IUFRO Working Party 2.02.11 from 3 to 5 September 2007 in Warszawa, Malinówka and the area of the Warszawa and Białystok Regional Directorates of State Forests (Wyszków, Knyszyn, and Goldap Forest Divisions) in Poland.



Group photo provided by Janusz Sabor

Norway spruce, one of the most important European forest tree species, is threatened by climate and other environmental changes. The danger, which is especially grave in Central Europe, calls for effective action to protect the valuable populations of spruce: Multidisciplinary teams are necessary to help solving the problem of spruce eradication, and to halt the negative trend in Europe. Optimum economic programs for spruce need to be elaborated considering the new ecological circumstances. New breeding programs must be developed, primarily with the aim of increasing the production of spruce, as well as developing a greater hardiness to the new climatic conditions. IUFRO Working Party 2.02.11 in collaboration with EUFORGEN will set up an action program for the coming years, which will involve the conservation of forest genetic resources.

In the light of the climate changes and predicted moving of provenances, the results of the IUFRO 1964/68 and IUFRO 1972 series of provenance experiments are extremely important. Both series should be taken special care of by the IUFRO WP on "Norway spruce provenances and breeding". All the measurement data from different sites and countries should be centralized, and jointly evaluated and published. It is necessary to collect current data from IUFRO 1964/68 and IUFRO 1972 experimental plots to determine the breeding value of the provenances under study, and define the possibility of using or restituting them in the changing environmental (climatic) conditions. The provenance experiments spread all over Europe and North America are real *ex situ* gene banks preserving the genetic diversity of Norway spruce.

Natural Enemies and Other Multi-scale Influences on Forest Insects

[Full report](#) by Barbara Bentz (C [7.03.05](#)), Richard Fleming (C [7.03.07](#)), Michael McManus (C [7.03.06](#)), and Rudolf Wegensteiner (C [7.03.05](#))

A joint meeting of three IUFRO Working Parties (WP 7.03.05 *Integrated Control of Scolytid Bark Beetles*; WP 7.03.06 *Integrated Management of Forest Defoliating Insects*; WP 7.03.07 *Population Dynamics of Forest Insects*) was held from September 9-14, 2007 at the University of Natural Resources and Applied Life Sciences, BOKU-Vienna, Austria.

Key issues

The key issues addressed were ecology and dynamics of forest insects, natural enemies, changing climate, monitoring and management of forest pests and their impacts, modelling and prevention. Forest insects are major economic and ecological components of forest ecosystems worldwide. The meeting examined factors influencing insect population and outbreak dynamics. Oral and poster presentations focused on various topics including occurrence of natural enemies and effects on prey/host populations (including parasitoids, predators, and entomopathogens); the influence of climate change on forest insect dynamics at multiple scales and the role of climate in insect range expansion; factors governing fluctuations in forest insect populations; fungi associated with bark and ambrosia beetles; emerging issues in invasive species; tools for predicting fluctuations in forest insect populations; methods and strategies for monitoring and managing forest insects using pheromones and semiochemicals.



Photo provided by R. Wegensteiner

George Varley Award

At the conference, Sandy Liebhold (C [7.03.00](#)) presented Werner Baltensweiler (Switzerland) with the "George Varley Award for Achievement in Forest Insect Ecology". Baltensweiler is the first recipient of the Varley award which is a new award to recognize outstanding Forest Entomologists, both for their scientific accomplishments and their contributions to IUFRO. George Varley, for whom the new award is named, was a well-known insect population ecologist, who was also the first leader of an entomology group in IUFRO during the 1950's.

Training Courses, Master's Programs, Scientist Positions

Science-Policy Training in Africa

Training Workshop on "Effectively working at the interface of forest science and forest policy"

Muguga/Nairobi, Kenya, 4-6 December 2007

This training workshop aims at providing concepts and methods to researchers on how to plan, conduct, and organise research activities so that results can more quickly and easily be transformed into usable information for problem-solving and policy-making. Scientists from Africa involved in forest-related research with interest to learn more about the interactions between the science community and policy-makers have been invited to join this training workshop. For more details about the course, please visit the IUFRO-SPDC website at

<http://www.iufro.org/science/special/spdc/actpro/wkspmal07/trainwshpnairobi/>

Kerala FRI Training Programs in Tropical Forestry

The Kerala Forest Research Institute offers specialized training courses in tropical forestry to meet the requirements of various stakeholders. All courses are held in English at the KFRI training and extension centre in Peechi, Thrissur (Kerala, India). For further details, please contact the Program Coordinator, [training\(at\)kfri.org](mailto:training(at)kfri.org).

Master's Program in Development Forestry at Stellenbosch University, South Africa

As of 2008 the Department of Forest and Wood Science, Stellenbosch University, South Africa offers a new MFor programme in the following three directions: Bio-energy Systems, Commercial Plantation Forestry, and Participatory Forest Management. For further details please contact forestry recruitment:

Tel: +27 21 808 3323, e-mail: [wood\(at\)sun.ac.za](mailto:wood(at)sun.ac.za), or visit the department's webpage at <http://www.sun.ac.za/forestry>

Application Period for MSC European Forestry 2008-2010 Now Open

The Master of Science in European Forestry Erasmus Mundus (MSc EF) is a 2-year double degree programme co-organised by the following six European universities: University of Joensuu, Finland (Coordinating University); University of Freiburg, Germany; Swedish University of Agricultural Sciences (SLU), Sweden; University of Lleida, Spain; University of Natural Resources and Applied Life Sciences, Vienna (BOKU) Austria; Wageningen University, the Netherlands. The next MSc EF course (2008-2010), will start at the end of August 2008. The deadline for applications is 31st December 2007. For details, see:

<http://gis.joensuu.fi/mscef>

Senior Scientist Positions at CIFOR

CIFOR is looking for candidates to join its Research Team as Senior Scientists in Bogor, Indonesia, starting in 2008. The call is open until the positions are filled. Visit: http://www.cifor.cgiar.org/Careers/Global/senior_scientist.htm

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](#) on our web site.

8 December 2007

Forest Day: Shaping the Global Agenda for Forest & Climate Change

Nusa Dua, Bali, Indonesia

A day dedicated to forests for the first time ever, an event in parallel with UNFCCC COP13.

Organized by CIFOR and CPF Partners, including IUFRO

Contact: Rachel Carmenta, Climate Change Research Officer, CIFOR, [r.carmenta\(at\)cgiar.org](mailto:r.carmenta(at)cgiar.org)

or Alexander Buck, [buck\(at\)iufro.org](mailto:buck(at)iufro.org)

<http://www.cifor.cgiar.org/Events/COP-ForestDay/Introduction.htm>

17-20 December 2007

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

Kunming, China

IUFRO TF on Traditional Forest Knowledge, APAFRI, CAF, Korea FRI, SNU, FAO, UNU

Contact: John Parrotta, [jparrotta\(a\)fs.fed.us](mailto:jparrotta(a)fs.fed.us)

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

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](#), [1.05.00](#), [8.01.01](#)

Contact: [info\(at\)cdesign.com.au](mailto:info(at)cdesign.com.au)

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

7-9 April 2008

COST Strategic Workshop "Global Change and Sustainable Development in Mountain Regions"

Innsbruck, Austria

IUFRO [8.00.00](#),

IUFRO [Task Force on Forests and Carbon Sequestration](#)

Contact: Alex Mosseler, [amossele\(at\)nrcan.gc.ca](mailto:amossele(at)nrcan.gc.ca)

<http://bfw.ac.at/rz/bfwcms.web?dok=6202>

26-30 May 2008

Forest Technology and the Environment 3rd FORTECHENVI Conference

Brno and Prague, Czech Republic

IUFRO [3.05.00](#)

Contact: Radomir Klvac, [klvac\(at\)mendelu.cz](mailto:klvac(at)mendelu.cz),

Alois Skoupy, [skoupy\(at\)mendelu.cz](mailto:skoupy(at)mendelu.cz)

<http://www.icv.mendelu.cz/fortechenvi/>

28-31 May 2008

Forest Recreation and Tourism Serving Urbanised Societies

(11th European Forum on Urban Forestry - EFUF)

Hämeenlinna, Finland

Together with the final conference of COST Action E33 'Forest Recreation and Tourism'. IUFRO [6.14.00](#)

Contact: Cecil Konijnendijk,
cecil(at)woodscape-consult.com
<http://www.efuf.org/>

24-29 August 2008

IUFRO-CTIA 2008 Joint Meeting: Conservation and Breeding in the Era of Forest Tree Genomics and Environmental Change

Quebec City, Canada

IUFRO [2.04.01](#) and [2.04.10](#)

Contact: info(at)iufro-ctia2008.ca
<http://www.iufro-ctia2008.ca>

7-12 September 2008

23rd IUFRO Conference for Specialists in Air Pollution Effects on Forest Ecosystems - Air Pollution and Climate Change at Contrasting Altitude and Latitude

Murten, Switzerland

IUFRO [7.01.00](#)

Contact: Marcus Schaub, marcus.schaub(at)wsl.ch
http://www.wsl.ch/iufro_ch_2008/index_EN?redir=1&

8-12 September 2008

8th IUFRO International Beech Symposium

Nanae, Hokkaido, Japan

IUFRO [1.01.07](#)

Contact: Palle Madsen, pam(at)life.ku.dk
Sagheb-Talebi Khosro, saghebtalebi(at)rifr-ac.ir
Terazawa Kazuhiko,
terazawa.kazuhiko(at)pref.hokkaido.lg.jp
<http://www6.ocn.ne.jp/~beech08/>

16-18 September 2008

Landscape Ecology and Forest Management: Challenges and Solutions

Chengdu, China

IUFRO [6.14.00](#), [8.01.02](#)

Contact: Shirong Liu, liusr(at)caf.ac.cn
<http://research.eeescience.utoledo.edu/lees/IUFRO/2008MTG/>

22 - 26 September 2008

The Breeding and Genetic Resources of Five-Needle Pines

Yangyang, Korea

IUFRO [2.02.15](#)

Contact: E.W. Noh, ewnoh(at)foa.go.kr

28-31 October 2008

Uneven-Aged Silviculture Meeting

Shizuoka, Japan

IUFRO [1.05.00](#)

Contact: Kevin O'Hara, ohara(at)nature.berkeley.edu
<http://www.ffpri.affrc.go.jp/symposium/uneven-aged2008/index.html>

10-12 November 2008

2008 SWST 51st Annual Convention

Concepción, Chile

Society of Wood Science and Technology (SWST)

IUFRO [Division 5](#)

Contact: Vicky Herian, vicki@swst.org
<http://www.swst.org/annualMeeting.htm>

Non-IUFRO Meetings

1 October - 30 November 07

What Could a Global Forest Partnership Look Like? Roofing a Global Forest Partnership in stakeholder capabilities and needs: A Consultation

The World Bank is proposing a new Global Forest Partnership to bring together many organizations for greatly accelerating progress in managing forests, in ways that better meet social, environmental and economic needs. Its focus would be on joint action with developing countries. The Bank is looking for feedback and ideas on this proposal from a wide range of different stakeholders.

To join the debate, visit

<http://www.iiedgfpconsultation.org> or download documentation and reply by email or post by 30 November.

Contact: gfpconsultation(at)iied.org

5-7 November 2007

5th Ministerial Conference on the Protection of Forests in Europe (MCPFE)

Warsaw, Poland

IUFRO will be represented.

Media contact: Marta Gaworska,
m.gaworska(at)lu-warsaw.pl
<http://www.mcpfe.org>

5-10 November 2007

43rd Session of the International Tropical Timber Council (ITTC) and the Associated Sessions of the Committees

Yokohama, Japan

<http://www.itto.or.jp/live/index.jsp>

25-29 February 2008

Climate Change and Biodiversity in the Americas

Panama City, Panama

Organized by Environment Canada and Smithsonian Institution

Contact: Don MacIver, don.maciver(at)ec.gc.ca
<http://www.climatechangeandbiodiversity.ca>

5-9 October 2008

Tropical Rainforests and Agroforests under Global Change

Bali, Indonesia

Organized by the Collaborative Research Center STORMA

Contact: info(at)GlobalChange-2008.org
<http://www.globalchange-2008.org>