

THE ONLINE INFORMATION BULLETIN OF THE GLOBAL FOREST SCIENCE NETWORK

Expanding Research Capacity in Developing Countries - IUFRO's Contribution -

Michael Kleine, Coordinator, IUFRO-SPDC (Special Programme for Developing Countries)

More than ever, science in the developing world is indispensable for coping with human needs in food, water, energy, healthcare, environmental protection, and poverty alleviation. Despite the general recognition of the important role of science for development and past efforts, science in developing countries remains a challenge. Forest- and tree-related science is not an exception, and forest research institutions in many developing countries are still under-privileged in terms of human resource capacity, infrastructure, and operational research funding.

This situation is not new, and for over 20 years IUFRO, through its Special Programme for Developing Countries (IUFRO-SPDC), has been coordinating activities that aim to expand and foster research capacity in economically disadvantaged countries. IUFRO-SPDC - financed entirely by the international donor community - has implemented the following programmes and projects:

Scientist Assistance Programme: This programme is providing travel grants to scientists from developing countries to participate in international scientific meetings and conferences. Although not very active over the past four years due to lack of funds, renewed efforts in cooperation with the Organising Committee of the IUFRO World Congress 2005 allowed sponsorship of almost 100 scientists from developing countries to join the Congress in Brisbane, Australia. Despite the fact that current donor policies prefer providing travel funds only in combination with specific-purpose projects, IUFRO will continue its efforts to expand this important component of IUFRO-SPDC.



Training Courses: Traditionally, IUFRO-SPDC has developed training material and implemented courses on forest research management and research proposal writing. Over the past 5 years, about 900 scientists have benefited from these courses. More recently, a course on information and communication technology offering training in internet-based search facilities and library systems has been added. IUFRO-SPDC has also responded to the increasing



demand for enhanced interaction between the science community and society and extended its programme to include courses on communicating forest research, science-policy interface, forest policy, and criteria and indicators for sustainable forest management. IUFRO-SPDC is committed to further develop

the training programme in close cooperation with other IUFRO Units according to the emerging needs of the forest science community in developing countries.

Regional Networking Projects: Over the past 5 years IUFRO-SPDC has managed regional cooperation projects on behalf of donor agencies. The largest of these projects assisted the Forestry Research Network for Sub-Saharan Africa (FORNESSA) to establish the regional component of the Global Forest Information Service (GFIS) in Africa. Besides the development of communication infrastructure and training of information managers, the project supported regional scientific synthesis activities on the rehabilitation of degraded lands in various ecological zones of Africa. New regional collaborative projects are currently being developed and submitted to donors for funding support.

In order to continue delivering quality products and services, IUFRO-SPDC activities are implemented in close cooperation with national and international expert institutions. Without their valuable input and support, the programme could not have been successful.

The future of IUFRO-SPDC depends on the willingness of the donor community to increase its investment into research capacity development in economically disadvantaged countries. IUFRO is doing its best to mobilise the necessary financial resources so that IUFRO-SPDC will be able to intensify its support to forest research institutions in Africa, Asia and Latin America.

IUFRO-SPDC Pre-Congress Training Event - *An Overwhelming Success*

In total, 51 scientists representing 24 countries in Africa, Asia, Eastern Europe and Latin America registered in the four different training courses held within the framework of the IUFRO World Congress in Australia. The course themes included information management, forest policy, communication, and sustainable forest management criteria & indicators.

A Showcase of Collaboration in the Field of Capacity Building

In total, fifteen forest organisations and expert institutions assisted in this training event through cash and in-kind contributions. This support included preparation of programme and course material, provision of expertise and course facilitators, and assistance in course implementation and provision of the venue. IUFRO gratefully acknowledges their contributions and assistance.



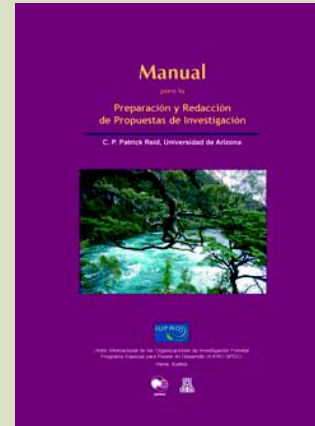
For more information on the results please visit:
<http://www.iufro.org/science/special/spdc/projects-activities/>

IUFRO-SPDC Training Courses Currently on Offer:

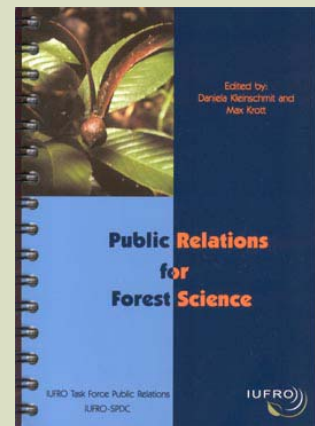
- Research Management
- Preparing and Writing Research Proposals
- The Use of Information and Communication Technology Tools in Forest Research
- Communicating Forest Research - Making Science Work for Policy and Management
- International Forest Related Initiatives and Agreements and their Implementation in the Context of National Forest Programmes - Linking Research and Science with Practice
- Sustainable Forest Management Criteria and Indicators

These courses will be implemented in the regions on request. If you are interested in attending any of our courses listed above, please, contact us: kleine@iufro.org or schimpf@iufro.org

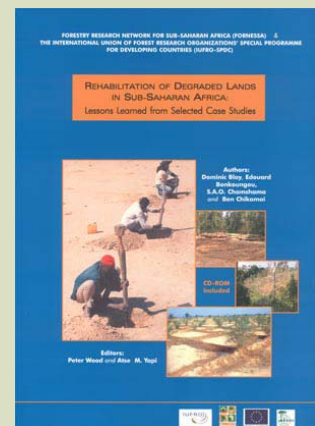
IUFRO-SPDC's Latest Products



Preparing and Writing Research Proposals - Spanish



Public Relations for Forest Science



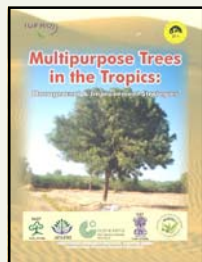
FORNESSA/IUFRO-SPDC: "Rehabilitation of Degraded Lands in Sub-Saharan Africa: Lessons Learned from Selected Case Studies"

Publications

Synergistic Approach to Appropriate Forestry Technology for Sustaining Rainforest Ecosystems

Proceedings of the International Forestry Seminar held from 7-9 March 2005 at Universiti Putra Malaysia, Bintulu, Sarawak, Malaysia. Edited by Nyoman Wistara *et al.*, organized by UPM, JFES, IUFRO 3.04.03 and APAFRI.

Published by University Putra Malaysia 2005.



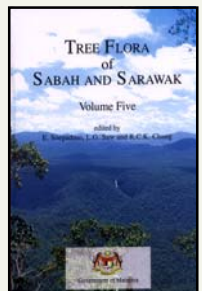
Multipurpose Trees in the Tropics: Management and Improvement Strategies

V.P. Tewari and R.L. Srivastava (eds.)
Proceedings of the IUFRO international conference on "Multipurpose Trees in the Tropics: Assessment, Growth and Management" held at the Arid Forest Research Institute, Jodhpur (India) from 22-25 Nov. 2004. 2005. Scientific publishers, Jodhpur (India). 760 pp. ISBN 81-7233-424-9. [Contact.](#)

Balancing Ecosystem Values: Innovative Experiments for Sustainable Forestry

Proceedings from a workshop held from 15-20 August 2004 in Portland, Oregon, USA.

Edited by C. E. Petersen and D.A. Maguire in 2005. Conference Proceedings. Gen. Tech. Rep. PNW-GTR-635. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 389p. PDF available at (<http://www.fs.fed.us/pnw/publications/gtr635/index.shtml>)



Tree Flora of Sabah and Sarawak Series

The Tree Flora of Sabah and Sarawak is an account of the families of trees that occur in these two botanically rich Malaysian states situated on the island of Borneo. The Flora provides identification keys and illustrations for all families treated. There are descriptions of all species that grow to a significant size, although, in many cases, there will be a complete treatment of all species in a group. To date, five volumes have been published. Please contact <hojf@frim.gov.my> for details.

New Welsh-English Dictionary

Dictionary of Terms for Woodland Management – Geiriadur Termau Rheoli Coetiroedd

Edited by Dr. Arne Pommerening and Mrs. Delyth Prys, published by the University of Bangor, Wales, U.K., 2005. ISBN 184 220 083 6

German-Czech/Czech-German Dictionary of Forest and Hunting Terms

Published by the Landesforstpraesidium (LFP) of Saxony, Germany, in 2005. Authors and editors: Andreas Bültemeier, Jan Weikert, Radomira Hradilová and Milan Hradil, Simona Kahounová, Thomas Sobczyk. Copies can be obtained at a price of Euro 22 from the LFP (<http://www.foresten.sachsen.de>).

A similar glossary for Polish terms is envisaged.

One Planet, Many People: Atlas of Our Changing Environment

Launched in celebration of the World Environment Day on June 3, 2005 by UNEP in cooperation with NASA, USGS and University of Maryland. Visit: www.na.unep.net.

Project coordinator: Ashbindu Singh, DC of IUFRO 4.02.00

Forest Genetic Resources Conservation and Management

Three separate volumes have been jointly published by FAO, IPGRI and the Centre for Forest, Landscape and Planning, KVL Denmark:

- I Overview, concepts and some systematic approaches
- II In managed natural forests and protected areas (*in situ*)
- III In plantations and gene banks (*ex situ*)

Electronic copies are available at www.sl.kvl.dk and www.ipgri.cgiar.org. Organisations and individuals in developing countries can order free copies by email: <SL-International@kvl.dk>.

Meetings

Find announcements and reports of IUFRO events on our [online calendar](#) and the [homepages](#) of IUFRO Units involved.

Frontiers in Forest Information

5-7 December 2005, Oxford, UK

IUFRO 6.03.00 Information Services and Knowledge Organization. Web: www.plantlib.ox.ac.uk/forestry

Climate Change and Forest Genetic Diversity: Implications to Sustainable Forest Management in Europe

15-16 March 2006, Paris, France

MCPFE workshop organized by IPGRI and IUFRO. Contact <euf_secretariat@cgiar.org> for further details.

New Challenges in Management of Boreal Forests

28-30 August 2006, in Umeå, Sweden

Excursions: 31 August-2 Sept 2006

Organized by IBFRA

IUFRO 1.01.01 Boreal forest silviculture and management

IUFRO 8.01.05 Subalpine and boreal ecosystems

<http://www.ibfra.org/page.cfm?page=11>

Patterns and Processes in Forest Landscapes:

Consequences of Human Management

IUFRO 8.01.03 Landscape Ecology, Locorotondo, Bari, Italy on September 26-29, 2006. Conference website:

www.greenlab.uniba.it/events/iufro2006 or contact:

Raffaele Laforzezza <r.laforzezza@agr.uniba.it>

Meeting Report

Report from

IUFRO WP 1.05.16 Ecology and Silviculture of European Silver Fir

11th International Symposium on "Challenges for the Management of European Silver Fir (*Abies alba* Mill.) under Changing Climatic and Economic Conditions" from 4-9 September 2005 in Poiana Brasov, Romania – <http://iufro-archive.boku.ac.at/iufronet/d1/wu10516/ev10516.htm>