

THE ONLINE INFORMATION BULLETIN OF THE GLOBAL FOREST SCIENCE NETWORK

Sustainable Resource Management for Climate Change Mitigation and Social Security

Sanjeev K Chauhan Coordinator IUFRO Research Group 1.03.00 on Short-rotation Forestry, KS Verma, Deputy Coordinator IUFRO [1.03.00](#)

Given the growing significance and interest among researchers and policy makers around the world in climate change mitigation, the Indian Society of Tree Scientists, Solan, in association with IUFRO organized a conference on Sustainable Resource Management for Climate Change Mitigation and Social Security on 13-15 March 2014 in Chandigarh, India.

The conference discussed important issues of natural resource conservation and livelihood security in the changing climatic scenario. It was sponsored by many government and private organizations including NABARD, Shoolini University, Pragati Biotech, Prakriti Clonal Agrotech. IUFRO was represented by Dr. Sanjeev K Chauhan and Dr. KS Verma.

The ISTS-IUFRO conference was attended by 188 participants from 30 different organizations in India and farmers. The principal guest at the inaugural function, Dr Gurbachan Singh, Chairman of the Agricultural Scientist Recruitment Board, New Delhi and (India) and Guests of Honor Dr PL Gautam, Vice-chancellor Career Point University, Hamirpur (Himachal Pradesh, India) and Dr Vijay Singh Thakur, Vice-chancellor, University of Horticulture and Forestry Solan (Himachal Pradesh, India) highlighted the significance of mitigating rural farm and environmental problems.

Climate change challenges affecting forest/agriculture productivity pose a challenge for the scientists in the developing world with regard to meeting the growing requirements with appropriate technologies for resource



Inaugural function (photo provided by Sanjeev K Chauhan)

conservation, i.e. soil, water, biodiversity, etc. They particularly stressed the dwindling status of world forests, their impact on the environment and the benefits of on-farm trees to mitigate changing climate effects.

Dr PK Khosla, Vice-chancellor Shooloni University and President of ISTS, addressed the audience and emphasized that sustainable natural resource management is fundamental to poverty reduction and mitigation of climate change. Small holders are key to both causes and solutions to sustainable environment and natural resource management.

Dr KK Katoch, Vice-chancellor, CSKHPKV Palampur (India), the chief guest in the closing function, appreciated the ISTS-IUFRO initiative to organize a conference to highlight the importance of sustainable management of resources, climate change mitigation and livelihood security.

The research papers presented at the conference will be reviewed for publication in the Journal of Tree Scientists. The power point presentations will be uploaded on society website:

<http://www.ists.in/newsdetails.php?nid=23>



Poster evaluation (photo provided by Sanjeev K Chauhan)

Forests and Food Security – Successful Kickoff Meeting Sets the Tone for New GFEP Assessment

The new Global Forest Expert [Panel](#) on Forests and Food Security convened for the first time from 12-14 March 2014 under IUFRO's lead. Hosted by CIFOR, [Panel Members](#) from all parts of the world, from Madagascar to the UK, from Vietnam to Ghana, gathered in Bogor, Indonesia, representing a great diversity of scientific disciplines. Meeting participants further defined the scope of the assessment, discussed relevant terms and concepts, developed a detailed outline of the assessment report and allocated tasks of authors.



Members of the Global Forest Expert Panel on Forests and Food Security together with members of the host organization CIFOR (photo courtesy of CIFOR)

Globally, millions of people depend on forests for their food security and nutrition. However, current approaches to increasing food security tend to concentrate on purely agricultural solutions and current policy frameworks hardly promote food from forests. The Panel Members shared the understanding that the assessment needs to address existing paradigms in food production and forest management, the direct and indirect roles forests play for food security and nutrition, drivers and constraints in existing systems, synergies and trade-offs between forests and food security, relevant governance and policy frameworks, and related response options at different scales.

[Panel Chair](#) Bhaskar Vira, University of Cambridge, and IUFRO's GFEP Coordinator Christoph Wildburger, agreed that the Bogor meeting was an excellent kick-off for this global assessment. The wealth of expertise and the high level of commitment in the Panel promise a highly interesting set of results.



IUFRO 2014 Congress Latest News

Early bird registration is open through 30 April 2014!
<http://iufro2014.com/registration/rates-policies-tips/>

 **Follow @IUFRO2014 on Twitter:**
<https://twitter.com/iufro2014>

 **Join IUFRO2014 on Facebook:**
<https://www.facebook.com/iufro2014>

Lists of Accepted Abstracts Are Now Available!
Remember to register by 30 April to keep your place on the program! Got to: <http://iufro2014.com/news/>

Photo Competition Announced
Share your story about the Forest-Agriculture Interface through a Gender Lens! The best 100 photos and accompanying stories will be published in a photo book to be launched at the 2014 IUFRO World Congress and the participants will be invited to the CIAT CRP-FTA Social Science Workshop in Uganda, November 2014.
Visit: <http://iufro2014.com/news/>

IUFRO Award Winners Have Been Selected!

At the upcoming IUFRO World Congress on October 5-11 in Salt Lake City, USA, IUFRO will again present prestigious awards for outstanding scientific achievements. The IUFRO Honours and Awards Committee received a large number of nominations of outstanding quality from IUFRO Member Organizations and officeholders as well as IFSA. The selection of award winners by the Committee has now been finalized and we are proud to inform you about its results:

Scientific Achievement Award (SAA)

Sally AITKEN, Canada
Jürgen BAUHUS, Germany
Benjamin CASHORE, USA/Canada
Richard HAMELIN, Canada
Christopher Eric HARWOOD, Australia
Robert A. KOZAK, Canada
Aino A. MÄKELÄ CARTER, Finland
Jolanda ROUX, South Africa
Giuseppe SCARASCIA MUGNOZZA, Italy
Jose SHIBU, USA

Outstanding Doctoral Research Award (ODRA)

Susana BARREIRO, Portugal
ShuaiFei CHEN, China
Puneet DWIVEDI, India
Jan R. Bannister HEPP, Germany
Sik HUAI-SHING, Malaysia
Zhun MAO, China
César PÉREZ CRUZADO, Spain
Sandra RODRÍGUEZ PINEROS, Mexico
Eli SAGOR, USA

IUFRO Student Award for Excellence in Forest Sciences (ISA)

Julius ADEWOPO, USA/Nigeria
Tolulope DARAMOLA, USA/Nigeria
Mod. Mohitul HOSSAIN, Bangladesh
Sharif Ahmed MUKUL, Bangladesh
Mika YOSHIDA, Japan
Ivana ZIVOJINOVIC (Guduric), Serbia

A more detailed presentation of the winners and the awards will follow in a special issue of IUFRO News before the Congress. Find information about the awards at: <http://www.iufro.org/discover/awards/>

Young Professionals in Forestry: A New Opportunity Provided by IFSA

By Natalia Cisneros, Faculty of Forest Sciences, National Agrarian University - La Molina, Peru

In a world as globalized as the one we live in today, the Internet can be used as a tool to shorten not only geographical distances, but to share information and making it available for more people, too. Although, if shared in the wrong place, it is very likely to not reach the audience it's meant to reach. We started noticing this some time ago, when the IFSA Facebook Group started to be flooded with information about international announcements for jobs, internships, and training opportunities in forest related fields.

However, this information was not posted in the correct place, as IFSA deals with many matters, and it was at risk of getting lost due to the high activity of the group. This is why this January, during the IFSA Officials' meeting in Freising, Germany, a new idea was born: the creation of a [Facebook Group](#) designed specifically for this purpose: "[Young Professionals in Forestry - Jobs, Internships and Training](#)", aimed to seek the improvement of the services for students and graduates pursuing such prospects.

In this group, IFSA provides up-to-date information about the above-mentioned subjects around the world.

Positions/Scholarships

For the positions listed below, please find detailed information at the IUFRO Noticeboard:

<http://www.iufro.org/discover/noticeboard/#c14607>

Check the noticeboard regularly for announcements!

Urban Forestry, Assistant Scientist II

A full time research position in urban forestry/ arboriculture is available at the Department of Forestry and Horticulture, The Connecticut Agricultural Experiment Station (CAES), New Haven, Connecticut, USA.

Spotlights on IUFRO 2014 Congress Topics

IUFRO has launched a series of Spotlight articles highlighting session topics within the broad themes:

Forests for People
Forest Biodiversity and Ecosystem Services
Forests and Climate Change
Forest and Water Interactions
Forest Biomass and Bioenergy
Forests and Forest Products for a Greener Future
Forest Health in a Changing World

The first two issues have been published at: <http://www.iufro.org/media/iufro-spotlights/>



IFSA Officials at Interim 2014, where the idea was created, (photo by Camille Chow Moyers)

Nevertheless, posting is not restricted to the group moderators only: anyone who has information worth sharing is welcome to compile and circulate it. For posting, guidelines must be followed to make reading easier, and to avoid spam.

Since its creation in mid-January, the group has won over 700 new members, and it continues to grow each day. Already, we are receiving positive feedback from those who have felt the benefits of this offer. We will keep on connecting students through this platform and hope that the group will thus become each time more diverse and numerous.

GEM Initiative at Yale University is hiring a Program Manager

The Governance, Environment & Markets (GEM) Initiative seeks a Program Manager for our growing research center at the Yale School of Forestry and Environmental Studies.

PhD Position Available in New Zealand

The Institute of Fundamental Sciences, Massey University, Palmerston North, NZ, offers a PhD position on molecular host-pathogen interactions of aerial Phytophthora species in forest systems. The deadline for applications is 12 April 2014.

Professor in Insect Ecology

A position as Professor in Insect Ecology is available within the Faculty of Natural Resources and Agricultural Sciences. The position is placed at the Department of Ecology in Uppsala, Sweden. The deadline for applications is 9 May 2014.

Postdoctoral Position on Forest Epidemiology Modeling

A postdoctoral position on forest epidemiology modeling is available at the Agroclim (INRA, Avignon) and Tree/Microorganism Interactions laboratories (INRA, Nancy) in France. Contact: Benoit Marcais (IaM, Nancy) benoit.marcais(at)nancy.inra.fr

Postdoctoral position on Operational Methods on Ecosystem Services

A postdoc position on operational methods on ecosystem services with focus on socio-ecological integration research is open at the Research Unit "Mountain Ecosystems" at IRSTEA (National Research Institute of Science and Technology for Environment and Agriculture) Grenoble, France).

Director, Programs and Outreach

Global Footprint Network seeks Director of Programs and Outreach: http://www.footprintnetwork.org/en/index.php/GFN/jobs/director_programs_and_outreach

Lecturer in International Forestry

The Faculty of Forestry, University of British Columbia, Vancouver, Canada, invites applications for a lecturer (term appointment) to be involved in the teaching, coordination, and development of graduate courses in the new course-based Master of International Forest program (MIF).

Contact: Heather Akai, heather.akai@ubc.ca
<http://www.forestry.ubc.ca/2014/03/lecturer-in-international-forestry-deadline-april-15-2014/>

Scholarships for Tropical Forestry Course (MSc by Distance Learning)

Bangor University, U.K. has secured up to 15 scholarships from the Commonwealth Scholarship Commission for MSc Tropical Forestry (Distance Learning) for September 2014 entry.

The scholarship deadline for this course is 16th May 2014.

Further details can be found here:

<http://tinyurl.com/b584qcp>

Young professionals in forestry should also look for announcements at the dedicated IFSA Facebook page:

<https://www.facebook.com/groups/YoungProfessionalsInForestry/>

Publications

Forest governance scholarship for the real world: Building strategic insights through policy learning - Issues & Options Briefs on Forest Policy
IUFRO Occasional Paper 26

The [IUFRO Task Force on International Forest Governance](#), together with the Governance, Environment and Market (GEM) initiative at Yale University released a first set of "**Issues and Options Briefs on Forest Policy**" on 16 November 2013, at the Global Landscapes Forum in Warsaw. On 21 March 2014, the International Day of Forests, a new Issues and Options Brief has been added and more are to follow in the coming weeks.

The latest brief is entitled "How Can Liberia's Government Prevent Private Use Permits from Degrading Liberia's Forests?" The papers offer strategic options for strengthening international forest governance initiatives based on insights taken from scholars and practitioners. They showcase ways of how these two can collaborate effectively to translate, disseminate, and apply scholarly analysis to landscape management challenges through policy learning, training and capacity building.

Proceedings of 2nd FOREBIOM Workshop

The presentations and proceedings of the 2nd FOREBIOM Workshop held in Busan, South Korea, from 13 to 14 February, 2014, are now available for download. The call for the 3rd workshop to be held in June this year in Turkey shall soon be published. Please visit: <http://www.oeaw.ac.at/forebiom/conference2.htm>

Ecosystem Services in Changing Landscapes

[Landscape Ecology, Volume 29, Issue 2, Feb 2014](#)



Forested landscape in Southern Chile, showing important forest fragmentation (photo by Sandra Luque)

This special issue published in *Landscape Ecology* is primarily composed of papers generated from two events:

The biannual conference organized by the IUFRO [8.01.02 Working Party \(Division 8\): Forest Landscape Ecology](#) - held in Concepción, Chile during November, 2012; under the theme "Sustaining Forests and Humans in a Changing Landscape: Forest, Society, and Global Change"; and a Symposium organized for the Ecosummit in Columbus, Ohio USA, joining efforts from ELI, IALE and IUFRO communities; under the theme "Structure matters - The potential of land-use pattern to contribute to ecosystem

services provision". The symposium was concerned with the pattern of ecosystems and land-types as it pertains to providing ecosystem services.

The papers in this Special Issue represent work conducted in eleven different countries, especially from South America, but also from USA and Europe. They will certainly create interest and inform management of some potential methods to evaluate ecosystem services at the landscape level with an integrative approach, offering new tools for management and conservation.

Different realities and tools developed or adapted from landscape ecology that are being increasingly used to assist with the quantification, modeling, mapping, and valuing of ecosystem services in different situation and geographical contexts are being highlighted. The ultimate aim is for readers to recognize the role of landscape ecology in the advancement of science and management, particularly within the context of emerging physical, sociocultural, economic, and political drivers of

change which influence forest systems and the services they provide.

New UNEP International Resource Panel Report

The UNEP International Resource Panel Report on Building Natural Capital: How REDD+ can support a Green Economy, is now in publication, and an electronic version can be downloaded from the following links:

Full report, low resolution (8 MB):

<http://we.tl/TK25KBMNKp>

Summary for Policy Makers (6 MB):

<http://we.tl/uPR7IdhLYt>

The report was launched on the International Day of Forests (21 March), at a ceremony in Jakarta with the Government of Indonesia. The report will be posted inter alia at the UN-REDD Programme website:

<http://www.un-redd.org/IRPReport/tabid/132330/Default.aspx>

IUFRO Meetings



Search our [online calendar](#) for a full list of meetings!

Find non-IUFRO meetings on the IUFRO [Noticeboard!](#)

Also search for forest-related events in GFIS at:

<http://www.gfis.net>

2-9 Jun 2014

Complexity in forest canopy processes

Belem, Brazil

IUFRO [2.01.12](#) - Abstract submission until 18 April!

Contact: Denis Loustau, Denis.Loustau@bordeaux.inra.fr

<https://colloque.inra.fr/iufro-canopy-processes-2014>

3-7 Jun 2014

17th European Forum on Urban Forestry– EFUF

Lausanne, Switzerland

IUFRO [6.07.00](#)

Contact: Cecil C. Konijnendijk van den Bosch,

cck@life.ku.dk

<http://www.efuf2014.org/>

16-18 Jun 2014

Urban Tree Diversity

Alnarp, Sweden

IUFRO [6.07.00](#)

Contact: Cecil C. Konijnendijk van den Bosch,

cck@life.ku.dk ; Johan Östberg, johan.ostberg@slu.se

<http://www.urbanreediversity.com/>

13-15 Aug 2014

Practice Orientation in Forestry Curricula in Universities and Universities of Applied Sciences

Bern, Switzerland

Organized by SILVA Network and the Department of Forestry, Bern University of Applied Sciences, Switzerland

IUFRO [6.09.00](#)

Contact: Siegfried Lewark, siegfried.lewark@fobawi.uni-freiburg.de ;

Martin Ziesak, martin.ziesak@fh.ch

24-26 Sep 2014

3rd International Conference on Processing Technologies for the Forest and Bio-based Products Industries (PTFBPI)

Kuchl/Salzburg, Austria

IUFRO [5.04.00](#), [5.05.00](#)

Contact: Marius Barbu, marcat@gmx.at

18-20 Sep 2014

Implementation of DSS into the Forestry Practice

Zvolen, Slovakia

IUFRO [4.03.03](#), [4.04.04](#)

Contact: José G. Borges, joseborges@isa.ulisboa.pt

<http://gis.tuzvo.sk/dssfm2014/>

Other Meetings

3-5 Apr 2014

Istanbul Carbon Summit: Carbon Management, Technologies & Trade

Istanbul, Turkey

Contact: Sinem Özyalçın,

sinem@istanbulcarbonsummit.com

<http://www.istanbulcarbonsummit.com/>

20-29 May 2014

IIRR Building Resilient Communities: Community Managed Disaster Risk Reduction (CMDRR)

Kathmandu, Nepal

Training Course: deadline for application 7 May

Contact: Dulce Dominguez, dulce.dominguez@iirr.org

1-11 Jun 2014

2014 INBAR Bamboo Tour

Qingdao, Zhejiang and Kunming, China

Contact: Fu Jinhe, jfu@inbar.int; Ms. Yu Ping, INBAR,

pyu@inbar.int

<http://www.inbar.int/events/2014-inbar-bamboo-tour/>

16 Sep 2014

"More fodder for the oven? Dealing with forest related conflicts arising from the use of energy wood in Europe"

Helsinki, Finland

COOL session at the int'l conference *Bioenergy from Forest*

Contact: Regina Rhodius, regina.rhodius@ifp.uni-freiburg.de

<http://www.bioenergyevents.fi/Conference>

24-28 Nov 2014

Int'l Seminar on Bamboo in Africa / 1st Int'l Forum on Current State and Future Opportunities for a Unique Renewable Resource in Africa

Pretoria, South Africa

ISSDA, INBAR, Pretoria Univ., Faculty of Natural Sciences

Contact: Ms. Estie Van Rensburg,

Estie.VanRensburg@up.ac.za; forestscience@up.ac.za