



IUFRO

2014 WORLD CONGRESS

SUSTAINING FORESTS, SUSTAINING PEOPLE
THE ROLE OF RESEARCH

2014 IUFRO CONGRESS DAILY NEWS

President's Discussion 2014 Focused on Emerging Issues in Forest Policy and Practice

During the President's Discussion at this year's IUFRO World Congress, panelists representing different perspectives engaged in a dialogue with the session participants about what they see as emerging issues in forest policy and practice.

The discussion started with a keynote presentation by Robert F. Bonnie, Under Secretary for Natural Resources and the Environment, US Department of Agriculture. Bonnie emphasized the complexity of emerging issues, such as forest restoration and the increasing demand for forest-based goods and services against the background of global change.



Panelists also added that forests are essential in reducing poverty and promoting shared prosperity in a sustainable world and are facing major global challenges. These challenges require, new 'tactical approaches' that include restoration across landscapes, based on more integrated collaboration between public and private partners.

Another point agreed upon is the need to encourage youth to enter the forest sector where a number of obstacles are present in doing so such as lack of economic incentives, lack of education, and awareness of jobs.

The panel concluded that on all points, communication with policy makers, stakeholders, and the public is crucial. Innovative means of communication, such as social media, will be pivotal for reaching out to the vast audience of youth, to share forest research, and to raise awareness about forests and forestry issues.

Thursday's Events

- 08:00-10:30 IUFRO Technical Sessions
- 08:30-10:30 IUFRO/SAF/CIF
Joint Plenary – Keynote Speakers
- 10:30-11:00 Refreshment Break
- 11:00-12:00 IUFRO/SAF/CIF
Joint Plenary – Panel Discussion
- 10:30-18:30 Trade Exposition & Posters
- 12:00-13:30 Lunch Break (on your own)
- 12:00-13:30 Side Events
- 13:30-15:00 Sub-Plenary Sessions
- 15:00-15:30 Refreshment Break
- 15:30-18:00 Technical Sessions
- 18:30-21:30 Side Events

Special Reminders

**Marcus Wallenberg Prize
Informational Session**
Time: 12:00-13:00
Room: Exhibit Hall Stage

Wood Cultural Technical Session
Time: 19:00- 21:00
Room: 250E

**Enabling Productive Uses of Forests
that Reduce Poverty, Create Jobs and
Build Resilience**
Time: 19:00- 21:00
Room: 250B

It's Official! The First Ever IUFRO World Congress in Latin America will be held in 2019.

The 25th World Congress of the International Union of Forest Research Organizations (IUFRO) shall take place in Curitiba, Brazil, in October 2019. Confirming the IUFRO Board recommendation, the IUFRO International Council made their final decision when they met in Salt Lake City on Tuesday, during the 2014 IUFRO World Congress.

The Brazilian Forest Service and Brazilian Agricultural Research Corporation Embrapa will jointly organize this important event in Curitiba, the capital of the southern Brazilian state of Paraná.

This is the first time in IUFRO's 121-year history that an IUFRO World Congress will be held in Latin America.

IUFRO-FS-SAF-CIF

Joint Plenary

Panel: 8:30-10:30 & 11:00-12:00

Speakers: Jack Dangermond, David Haskell, Mila Alvarez, Sally Collins & Mike Wingfield

Moderator: Nalini Nadkarni

Room: Ballroom

In addition to the traditional IUFRO plenary sessions, a joint plenary session, co-organized by IUFRO, the U.S. Forest Service, the Society of American Foresters, and the Canadian Institute of Forestry, will be held on Thursday 9 October. Keynotes followed by a distinguished panel will address the session theme of Knowledge Discovery, Synthesis, and Application at the Forest Science/Management Interface.



Mr. Jack Dangermond is the founder and president of Esri, the widely recognized leader in geographic information system (GIS) technology. More than one million users in over 300,000 organizations use Esri products worldwide. A pioneer in spatial analysis methods, Mr. Dangermond is one of the world's most influential people in GIS.



David Haskell's work integrates scientific and contemplative studies of the natural world. His book, *The Forest Unseen: A Year's Watch in Nature*, was a finalist for the 2013 Pulitzer Prize in non-fiction. The book was the winner of the 2013 Reed Environmental Writing Award, the 2012 National Outdoor Book Award for Natural History Literature, and was runner-up for the 2013 PEN/E. O. Wilson Literary Science Writing Award.

SP-04

The IUFRO Director's Forum: Crossing Science Boundaries for Benefit of Forests and People



Leading research managers from around the world met Monday at the IUFRO World Congress to discuss challenges in forest science. The IUFRO Directors' Forum is an initiative of IUFRO Research Group 9.02.00 "Management of Forest Research" that brings together heads of forest research institutes and deans of forest faculties, and provides a platform for the exchange and development of views on the management of forest research.

The research landscape and the policy agenda dealing with forest research are becoming increasingly fragmented. Many forest-focused research institutions have been merged into institutions dealing with broader themes. To help deal with this challenge; the Forum discussed how to maintain the relevance of forest-focused research institutions in the coming decade.

Seeking a Middle Way in Ecological Research

David Newbery has been searching for a better way of doing science for years. “It is time to return to basic science in forestry,” he said. “It is time to be more reflective and modest.”



Newbery, who is professor for vegetative ecology at the Institute of Plant Sciences at the University of Bern in Switzerland, delivered the second plenary session at the 2014 IUFRO World Congress. His research over the past three decades in the tropical forests of Borneo and Cameroon has served as inspiration for developing a middle ground – what he calls an “Aristotelian middle way” – for ecology-based research.

Because ecosystems are dynamic, that middle ground lies somewhere between only studying individual species on the one hand and trying to study too many species on the other. As to where the optimal middle ground is located, Newbery noted that the overriding goal should be to find the structure that captures the main properties of the ecosystem.

He believes that more ecologists should study simpler systems. The current model of forest management often carries with it a built-in shortcoming because economic and social timeframes do not recognize the timeframes involved in the growth and maturation of forests.

We are learning, he said, but we are not learning fast enough. Forestry often fails to adopt the latest findings of ecology. Ecological management suggestions are often at variance with other goals and are impractical to implement.

The Winner of the First IUFRO World Congress Blog Competition

The #IUFRO2014 Blog Competition was announced leading up to the Congress to provide a platform to showcase research and projects from around the world. Many excellent articles were submitted but the one that attracted the greatest number of votes, page views, and discussion was Dr. Deepak Dhyani of the Society for Conserving Planet and Life with his submission – Sustaining forests and people by conserving lesser known underutilised wild edibles. Dr. Deepak will win \$500, while additional finalists will receive a copy of “Forests and Globalization: Challenges and Opportunities for Sustainable Development”.



Link for Blog:

http://blog.iufro2014.org/competition_blog/sustaining-forests-and-people-by-conserving-lesser-known-underutilised-wild-edibles/

Link for Book:

<http://www.sponpress.com/books/details/9781138787391/>

SP-06

Cultural Values, Quality of Life and Forest Landscapes

Three common themes ran through this session: (1) history weaves ecosystems and cultures into bio-cultural landscapes; (2) humans play a variety of roles on forested landscapes, both detrimental and beneficial; and (3) sustainable forest management requires attention to history, culture, and livelihoods. Speakers illustrated these themes with examples from around the world.



See Highlights

The IUFRO 2014 youtube channel is loaded with conference footage. See the highlights you missed or have a second look at moments you watched live.



YouTube:
<https://www.youtube.com/user/IUFRO>

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Enjoying the Beauty of Utah

Wednesday was a day for attendees to relax and enjoy the surrounding, mountains, canyons, lakes, and forests of Utah.



**Tomorrow's
Weather**

Partly Cloudy 72°/52°
Chance of Rain 0%

Host Country Pavilion Events

– 10:30AM –
**i-Tree: Modeling Ecosystem
Services and Values**

David J. Nowak,
USDA Forest Service
Project Leader, Northern
Research Station

– 12:30PM –
**The Target Plant Concept; Case studies
from restoration work in the US,
Middle East, Haiti, and tropical regions**

Anthony S. Davis,
University of Idaho
Tom Alberg and Judith Beck Chair
in Natural Resources

R. Kasten Dumroese,
USDA Forest Service
Research Plant Physiologist, Rocky
Mountain Research Station

Jeremiah R. Pinto,
USDA Forest Service Research
Plant Physiologist,
Tribal Nursery Coordinator

– 3:00PM –
**Tipping the Carbon Balance:
The Role of Salmon in a Sea of Trees**

Kathleen Kavanagh,
Texas A&M University
Professor and Department Head
Ecosystem Science and Management

