



# IUFRO

International Union of  
Forest Research Organizations

*The World's Network of Forest Science:*

*Forest Research Cooperation Across Disciplines*

[www.iufro.org](http://www.iufro.org)





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## WHAT IS IUFRO ?

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- IUFRO is **“the” global network** for forest science cooperation.
- IUFRO is **the only world-wide** international organization devoted to **forest research**.
- IUFRO unites more than **15,000 scientists** in more than **600 Member Organizations** in more than **120 countries**.
- Founded in **1892**, IUFRO has a **long history** of international forest science cooperation.



# IUFRO's Vision

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As the global network for forest-related research to serve the needs of all forest researchers and decision-makers.



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# MISSION

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IUFRO ***promotes global cooperation in forest-related research*** and enhances the understanding of the ecological, economic and social aspects of forests and trees, including wood and non-wood products, goods and services.

It ***disseminates scientific knowledge*** to stakeholders and decision-makers and contributes to forest policy and on-the-ground forest management.



## HOW DOES IUFRO WORK?

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- IUFRO **provides a global structure** for science cooperation related to forests and trees.
- Within this structure, member scientists from all around the world **collaborate on a voluntary basis**.
- The structure allows IUFRO to **address research needs and priorities** of its members, policy-makers, practitioners and stakeholders.



# IUFRO STRUCTURE (1)

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- Nine permanent **Divisions** cover key forest research fields.
- Within the Divisions, about 260 **Research Groups** and **Working Parties** address specific research topics.
- **700+ voluntary officeholders** coordinate these units.

# IUFRO DIVISIONS

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**D1 Silviculture**

**D2 Physiology and Genetics**

**D3 Forest Operations Engineering and Management**

**D4 Forest Assessment, Modelling and Management**

**D5 Forest Products**

**D6 Social Aspects of Forests and Forestry**

**D7 Forest Health**

**D8 Forest Environment**

**D9 Forest Policy and Economics**





## IUFRO STRUCTURE (2)

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- **Task Forces** are established on a temporary basis for **interdisciplinary cooperation** in interdivisional forest research fields:
  - TF on **Forests and Human Health**
  - TF on **Education in Forest Sciences**
  - TFs on IUFRO's six key **Research Goals**



## IUFRO STRUCTURE (3)

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Special Programmes and Projects provide services that support the science collaboration in IUFRO:

### **IUFRO- SPDC: Special Programme for Developing Countries**

Capacity development and institutional support to regional forest research networks

### **IUFRO-WFSE: Special Project “World Forests, Society and Environment”**

Global cooperation in high-quality research and participation in international discussions

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## IUFRO STRUCTURE (4)

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### IUFRO-led Initiatives of the Collaborative Partnership on Forests (CPF)

#### **GFEP: Global Forest Expert Panels**

Assessing available scientific information on forest-related issues of high concern

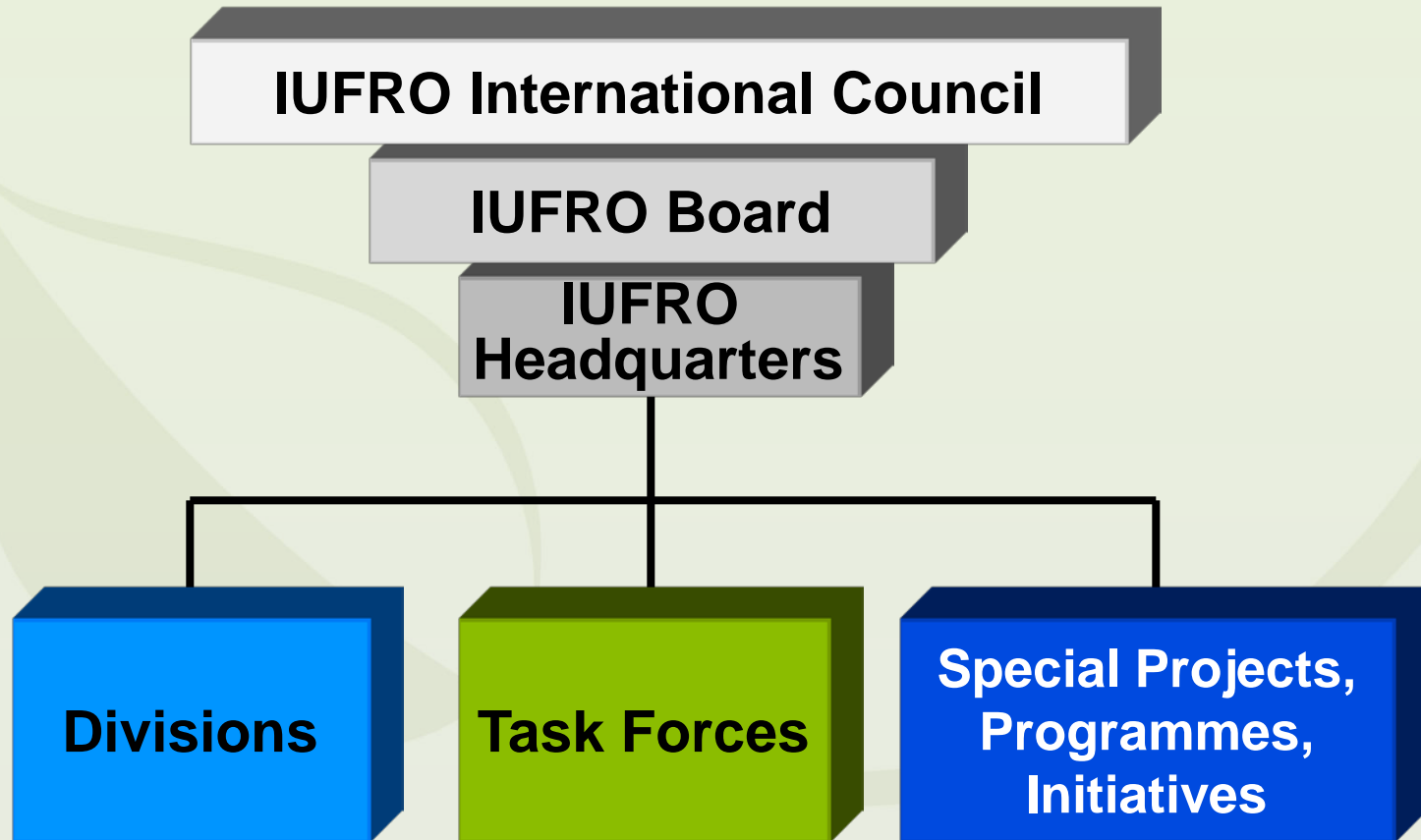
#### **GFIS: Global Forest Information Service**

Sharing forest-related data and information through a single gateway: [www.gfis.net](http://www.gfis.net)

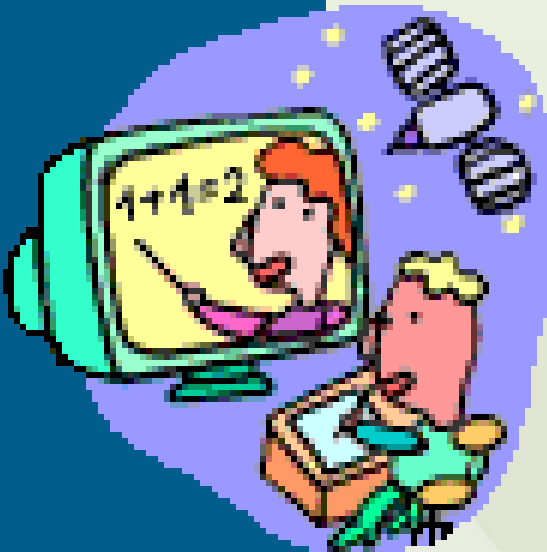


# IUFRO STRUCTURE - OVERVIEW

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# NETWORKING ACTIVITIES OF IUFRO



- Generation, exchange and dissemination of scientific knowledge
- Provision of access to relevant information for policy-makers, practitioners and stakeholders
- Assistance to scientists and institutions to strengthen their research capacities
- Participation in international science initiatives
- Full member of the International Council for Science (ICSU)

# NETWORKING ACTIVITIES OF IUFRO

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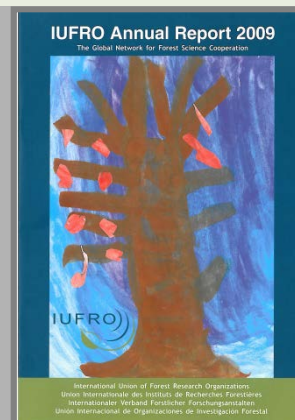
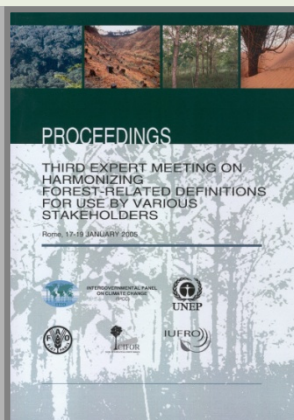
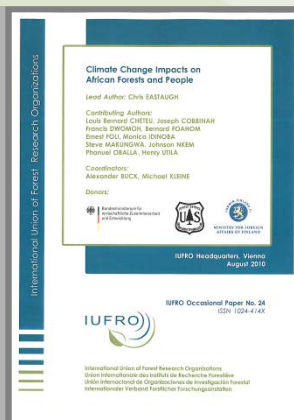
- IUFRO World Congresses every five years with more than 2000 participants (e.g. Seoul 2010 and Salt Lake City 2014)
- About 70 IUFRO conferences and workshops per year; joint publications
- Joint activities and partnership agreements with national governments, as well as regional and global organizations and NGOs





## Media and Publications:

- IUFRO News and Scientific Summaries
- IUFRO Blog and Twitter
- IUFRO World Series
- IUFRO Occasional Papers (electronic)
- Information Brochures, Annual Reports
- Conference Proceedings



## 6 KEY RESEARCH GOALS:

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In the Strategy 2010-2014, IUFRO has identified six priority areas and is setting up corresponding **interdisciplinary Task Forces** to which all Divisions are invited to contribute:

- **Forests for People**
- **Forests and Climate Change**
- **Forest Bioenergy**
- **Forest Biodiversity Conservation**
- **Forest and Water Interactions**
- **Resources for the Future**

# KEY RESEARCH GOALS

These key themes are meant as guidance for further and interdisciplinary research.

Special attention is given to considering their full ecological, social and economic dimensions.



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# IUFRO Forest Bioenergy Task Force

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## Special emphasis areas:

Resource competition,  
environmental and social  
impacts, cascades of use and  
life-cycle analysis

“Eco-efficiency” of forest  
bioenergy production systems  
and technologies

Marketing of bioenergy and  
economic impacts



## FOREST BIOENERGY TF ACTIVITIES

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- 2011: The Future Role of Bio-Energy from Tree Biomass in Europe; Vienna, Austria; 6-11 Nov
- 2012: European Geosciences Union General Assembly 2012: Session ERE1.8 Aspects of Biomass Utilization from Forests and Other Resources; Vienna, Austria; 22–27 April
- 2013: 1st FOREBIOM Workshop: Potentials of Biochar to mitigate climate change
- 2013: European Geosciences Union General Assembly 2013: Session ERE1.7 Aspects of Sustainable Biomass Utilization for Energy and Industrial Raw Materials

# IUFRO FOREST BIOENERGY TASK FORCE

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## Expected Output:

### **Publication of a series of case studies**

of forest bioenergy reflecting diverse circumstances and diversity in approaches and effective solutions.

### **FOREBIOM project plans:**

Country case reports for each project partner country (Austria, South Korea and Turkey) on pyrolysis and the potential of biochar production for energy and as a soil amendment to improve soil properties



# OUTLOOK

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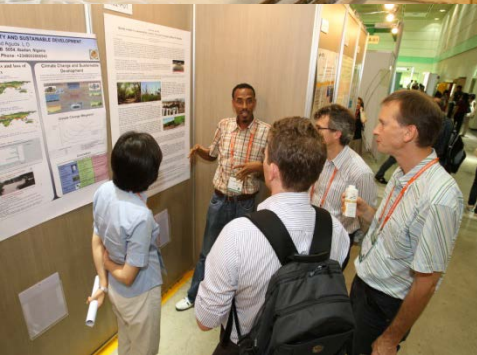
**2013**      **3<sup>rd</sup> Latin American  
Regional Congress,  
San José, Costa Rica  
12-15 June**



**2014**      **XXIV IUFRO  
World Congress,  
Salt Lake City, USA  
5-11 October**  
**<http://www.iufro2014.com/>**







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***Thank you for your attention!***



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