

XXIII IUFRO WORLD CONGRESS

International Union of Forest Research Organizations · 2010 SEOUL

"Forests for the Future: Sustaining Society and the Environment"



23 - 28 August 2010, Seoul, Republic of Korea

INTERNATIONAL HOST – IUFRO



IUFRO, the International Union of Forest Research Organizations, is a non-profit, non-governmental international network of forest scientists. IUFRO promotes global cooperation in forest-related research and enhances the understanding of the ecological, economic and social aspects of forests and trees. It disseminates scientific knowledge to stakeholders and decision makers and contributes to forest policy and on-the-ground forest management.

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KOREAN HOST – KFRI



Korea Forest Research Institute (KFRI), founded in 1922, is the sole national institute which carries out comprehensive research on forest, forestry and forest products to meet diverse needs from public and private sectors. KFRI has been developing various technologies for the successful implementation of “Forest Vision towards the 21st Century,” which was established by the Korea Forest Service as a basic strategy for realizing the sustainable forest management.

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CONGRESS COMMITTEES



The Congress Organizing Committee (COC) chaired by Dr. Jung Hwan PARK, KFRI, is comprised of representatives drawn from Korea Forest Research Institute and responsible for the organization of the Congress. The COC has been creating various programs to offer comfort and excitement.

The Congress Scientific Committee (CSC) chaired by Dr. John PARROTTA, U.S. Forest Service, is responsible for the development of a high quality scientific program and is working with the COC to ensure that delegates enjoy an exciting mix of technical and social events.



The cover image embodies the tree of life rooted in the Earth with 5 colors that symbolize universal elements.

Designed by Su-Min Choi [nevisual](http://www.nevisual.com) 에 나 비 주 업

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Invitation from Hosting Organization

We are pleased to host the XXIII International Union of Forest Research Organizations (IUFRO) World Congress in Seoul, Korea. It is the third time the Congress will be held in Asia. Korea is proud to host this important and unique event.

The theme for the XXIII IUFRO World Congress is "Forests for the Future: Sustaining Society and the Environment." As a key forum for international forest science cooperation, the Congress will present an important opportunity to promote understanding of the contribution of forest and forest science to the sustainability of the Earth.

Seoul, Soul of Asia, is the capital of the Republic of Korea and home to its population of 11 million. Just as its 600-year-long history as the nation's capital, Seoul has become a perfect venue for international gatherings such as the 1988 Seoul Olympics, the 2000 ASEM and the 2002 World Cup. Seoul, now completed with prestigious convention halls and accommodation facilities, offers optimal conditions for hosting and organizing the XXIII IUFRO World Congress.

The Congress will also include a number of social events to ensure that you experience the tradition and culture of Seoul and Korea. Additionally, In- and Post-Congress tours will be available for you to experience as much of Korea's landscape, culture, forest and forestry as time allows.

Make your plans now to attend the XXIII IUFRO WORLD CONGRESS, SEOUL, KOREA, AUGUST 23 ~ 28, 2010. The Congress Organizing Committee will do everything to ensure that you not only participate in an outstanding Congress, but also you experience a Korean adventure that will last a lifetime!

We look forward to saying 안녕하세요 (An Nyeong Ha Se Yo that means Hello in Korean) to you in Seoul in 2010.



Wan-Yong Choi
Director General

Korea Forest Research Institute

Hosting Organization of the XXIII IUFRO World Congress



Invitation from IUFRO President

Warm Greetings from Seoul, Republic of Korea!

On behalf of the International Union of Forest Research Organizations (IUFRO), it is my great pleasure to welcome you to the XXIII IUFRO World Congress, to be held at COEX (Convention & Exhibition Center) in Seoul, Republic of Korea from 23 ~ 28 August 2010.

This will be the third time in IUFRO's history that an IUFRO World Congress, which is held every four to five years in various parts of the world, will be convened in Asia. With this Congress, participants from all nations will congregate in one of the most traditionally rich cultures and enjoyable destinations in Northeast Asia: the Republic of Korea.

This Congress will draw leading professionals and expert scientists in all fields of forestry from all over the world. Speakers representing government policy makers, academic scholars and researchers from universities and institutions will present and discuss the latest innovation on various themes, such as forest and climate change, biodiversity conservation and sustainable use of forest resources, forest environmental services, and Asia's forest for the future, among others.

The scientific program will include a number of plenary, sub-plenary, technical and poster sessions under the theme "Forests for the Future: Sustaining Society and the Environment." Other exciting events are being organized as well, hence you are all invited to participate and enjoy the scientific and social parts of this fascinating Congress.

While you are here I would like to encourage you to take time to experience the best of what Seoul has to offer.

Looking forward to seeing you in Seoul in August 2010.



Don K. Lee
President, IUFRO



CONGRESS INFORMATION



Date: August 23 (Mon) ~ 28 (Sat), 2010

Venue: COEX, Seoul

The Congress will be held at COEX, one of the Asia's leading international congress venues. About 1-hour drive away from Incheon International Airport, gateway to Korea and Northeast Asia, COEX is located in the central part of Seoul.

COEX offers spectacular new facilities for conventions and exhibitions on a site that includes 225,000 square meters with four upper floors and four underground levels. This multi-complex building includes a multi-function Convention Hall, a state-of-the-art Auditorium, the ASEM Hall, a Grand Ballroom and up to 89 meeting rooms for a wide variety of functions. As a world-class convention and exhibition center, COEX also provides Asia's largest underground shopping mall, restaurants and entertainment facilities.

COEX Address: 159 Samseong-dong, Gangnam-gu, Seoul 135-731, Korea

COEX website: <http://www.coex.co.kr>

Official Language

The official language of the XXIII IUFRO World Congress is English. While we recommend that abstract submissions and presentations be in English since translation facilities will not be available for the Congress, sessions in other official IUFRO languages (Spanish, French and German) can be accommodated.

Congress Website

Regularly updated information on the XXIII IUFRO World Congress will be available at the Congress website: <http://www.iufro2010.com>.



SCIENTIFIC PROGRAM

The overall theme for the XXIII IUFRO World Congress, “Forests for the Future: Sustaining Society and the Environment,” will provide the basis for the program format and content. The scientific program will consist of plenary sessions, sub-plenary sessions, technical sessions (oral sessions) and themed poster sessions.

Program at a Glance

	Aug 22 (Sun)	Aug 23 (Mon)	Aug 24 (Tue)	Aug 25 (Wed)	Aug 26 (Thu)	Aug 27 (Fri)	Aug 28 (Sat)
08:30		Registration	Technical Sessions (20)	Technical Sessions (20)	In-Congress Tours	Technical Sessions (20)	Technical Sessions (20)
09:00							
09:30		Opening Ceremony	Refreshment			Refreshment	
10:00			Keynote Plenary Session	Keynote Plenary Session		Keynote Plenary Session	Keynote Plenary Session
10:30		Keynote Plenary Session					
11:00			Lunch & Keynote Panel Sessions	Lunch & Keynote Panel Sessions		Lunch & Keynote Panel Sessions	Lunch & Keynote Panel Sessions
11:30		Lunch & Keynote Panel Sessions					
12:00	Registration		Poster Viewing			IUFRO Units/TF Business Meetings	
12:30							
13:00		Sub-plenary Sessions (3)	Sub-plenary Sessions (3)	Sub-plenary Sessions (3)		Sub-plenary Sessions (3)	Sub-plenary Sessions (3)
13:30			Refreshment		Refreshment		
14:00							
14:30							
15:00	Tree Planting Ceremony and Other Special Events						
15:30		IUFRO Units/TF Business Meetings					
16:00			Technical Sessions (15)	Technical Sessions (15)	Technical Sessions (15)	Closing Ceremony	
16:30							
17:00							
17:30							
18:00							
18:30							
19:00		Welcome Reception					
19:30							
20:00					IUFRO Division Meeting & Awards	Farewell Gala Event	
20:30							
21:00							

Call for Technical Session Proposals

The IUFRO Congress Scientific Committee (CSC) is now accepting session proposals for the 2010 Congress. In keeping with the forward-looking spirit of the Congress title, we are developing a Congress program that highlights the contributions that forest science is making to adapt to our changing world and address the significant environmental, social and economic challenges facing society.

Session proposals will be accepted that address one or more of the following Congress themes:

- * Forests and Climate Change
- * Biodiversity Conservation and Sustainable Use of Forest Resource
- * Forest Environmental Services
- * Asia’s Forests for the Future
- * Forest Products and Production Processes for a Greener Future
- * Emerging Technologies in the Forest Sector
- * Frontiers in Forest and Tree Health
- * Forests, Communities and Cultures
- * Forests, Human Health and Environmental Security



A detailed description of each theme and its scope is found in Appendix I.

Who may submit a proposal?

The Congress Scientific Committee will accept proposals from all who share an interest in the future of forests and the themes of the Congress. While not required, we encourage submission of proposals that involve two or more IUFRO Divisions or Task Forces, and/or organizations not formally associated with IUFRO. We also encourage session proposals from university students at all levels. Session proposals from non-IUFRO member organizations will also be accepted but preference will be given to those that are prepared jointly with IUFRO Divisional units and Task Forces – if assistance is needed to identify appropriate partners within IUFRO, please contact the CSC Chair at jparrotta@fs.fed.us.

Preparing and submitting a session proposal

Session proposals should include the following information:

- * Name(s), organizational affiliations and contact details of session organizers
- * Session Title (should be descriptive, and less than 12 words in length)
- * A brief statement of session objectives, topics to be covered, and the session's relevance to one or more of the Congress themes
- * Information on the proposed session format – *i.e.*, presentation of individual papers and/or posters, moderated panel discussion, or other forms of presentation such as films, etc. (use your imagination!)
- * A list of proposed speakers (if known), their organizational affiliations and tentative titles of their presentations

Proposed sessions should be organized to be 2 hours in length, although there will be a limited number of 2.5-hour sessions available in the Congress schedule.

For sessions involving oral presentations, we recommend that each speaker be given a minimum of 15 minutes for his or her presentation. Proposals may be prepared and submitted using the [Session Proposal Form](#) found on the Congress website (<http://www.iufro2010.com>) and the IUFRO homepage (<http://www.iufro.org>). The deadline for proposal submission is 15 January 2009.

Criteria for selection

Session proposals will be reviewed and evaluated by members of the Congress Scientific Committee with primary consideration given to their scientific quality, topical significance, and relevance to the Congress themes. Other factors that will be considered are: the involvement of multiple IUFRO units (Divisions, Task Forces, Research Groups and Working Parties) and/or non-IUFRO organizations; geographic and gender diversity of proposed session speakers/presenters; and the involvement of students and young scientists. Proposals will be evaluated as they are received, so we strongly encourage submissions well in advance of the January 15th deadline.

Acceptance decisions will be made no later than 30 January 2009.

Responsibilities of session organizers

Session organizers are expected to communicate and coordinate with those who will be presenting papers or posters during their session regarding submission of abstracts, are responsible for moderating sessions (or assigning session moderation responsibilities), and are encouraged to pursue publication options for papers presented in their sessions.

Session organizers should note that all those who are expected to present papers or posters during their sessions will need to submit their abstracts via the Congress website (<http://www.iufro2010.com>) during the abstract submission period from March through





September 2009. Individuals submitting abstracts will be required to indicate the specific session(s) for which their abstract should be considered. Appropriate session organizers and members of the Congress Scientific Committee will be responsible for review of submitted abstracts. Because the abstract submission process will be open to all, session organizers may need to include papers or posters that were not originally proposed for their sessions, so please be aware of this possibility and the need for flexibility in designing your session. In the event that the number of accepted abstracts for a particular session exceeds the number that can be accommodated in a 2 or 2.5-hour session time slot, session organizers may be invited by the CSC to expand their sessions into a second 2-hour slot during the Congress.

All accepted abstracts of oral and poster presentations will be published in a special volume of *The International Forestry Review*, as was done for the 2005 Congress in Brisbane, Australia. Session organizers may be asked to assist the CSC in the editing of accepted abstracts. As formal Congress proceedings with full papers will not be published, session organizers should explore alternative publication options (books, special issues of journals, etc.) for their sessions.

We look forward to hearing from you and for your active participation in the design of what promises to be a very memorable IUFRO Congress in Korea.

The IUFRO 2010 Congress Scientific Committee

John Parrotta (Chair); Jens Peter Skovsgaard (Division 1); Bailian Li (Division 2); Hans Heinimann (Division 3); Lauri Valsta (Division 4); Dave Cown (Division 5); Perry Brown (Division 6); Mike Wingfield & Andrew Liebhold (Division 7); Susan Conard (Division 8); Michael Rivoire (International Forestry Students' Association); Jung-Hwan Park (COC Chair); John Innes (IUFRO VP Policy).

Call for Papers

The Congress Scientific Committee (CSC) is inviting the submission of abstracts for technical and poster sessions. Authors are asked to submit abstracts under one of the 9 Congress themes listed above, selecting the appropriate technical session within each theme. A list of the technical sessions grouped by themes is now being developed. The full list of these sessions will be posted on the Congress website in early March 2009, before the open period for abstract submission. Abstracts will be accepted from March through September 2009.

While the CSC will accept abstracts in all official IUFRO languages (*i.e.*, English, Spanish, French and German), we strongly encourage abstract submissions in English to the greatest extent possible. Abstracts should be 200 – 300 words in length, and contain sufficient detail regarding the content of the proposed paper or poster to enable them to be evaluated fairly by session organizers and the CSC. Abstracts submitted should include the title of the paper, author's names and affiliations. Detailed submission guidelines and the template for abstract submission will be posted on the Congress website by March 2009. Abstract may be submitted on-line from late March until 30 September 2009.

All abstracts accepted by the CSC will be published by the XXIII IUFRO World Congress in a special volume of *The International Forestry Review* immediately prior to the



Congress. A copy of this volume will be included in the Congress registration package. Submission of an abstract implies consent by the authors to have the abstract published by the Congress.

The CSC will review all submitted abstracts in collaboration with technical session organizers to determine if an abstract is to be presented orally, or by poster. Abstracts failing to meet minimum standards or are not relevant to the Congress themes will be declined. Authors may submit multiple abstracts, but usually an individual will not be offered more than one oral presentation. Authors of accepted abstracts will be informed of the CSC's decision by 30 November 2009.

Presenting authors of accepted abstracts are required to register for the Congress by 28 February 2010. On-line registration will be open on 1 February 2010.

Call for Sponsors and Exhibitors

Sponsorship

The Congress is being sponsored by the Korea Forest Service, Korea Tourism Organization and City of Seoul Tourism & Marketing. Corporate sponsors are now being sought by the COC to join this event. Their support will assist the participation of delegates from developing countries in this event.

In return for their investment, the Congress provides sponsors and supporters with the opportunity to gain maximum exposure to more than 2,500 influential and interested delegates from around the world. This must be valuable exposure in both national and international markets.

Different levels of sponsorship have been designed to offer the opportunity for sponsors and supporters to select the level of investment which best suits their marketing objectives and budget. Potential sponsors and supporters are welcome to request information from the Congress Organizing Committee (iufroccc@forest.go.kr).

Trade and Technical Exhibition

A trade and technical exhibition will take place within the framework of the Congress. It offers a tremendous opportunity to showcase your products, services and achievements in front of a stage of key decision makers and industry leaders. Increase your visibility and company profile by becoming an exhibitor at this exciting event. Further details will be provided in the Information Package to be published in May 2009 and posted on the Congress website.



SPECIAL PROGRAM

Scientist Assistance Program

The Scientist Assistance Program (SAP) is designed to provide delegates from developing countries with financial assistance to participate in the XXIII IUFRO World Congress. More detailed guidelines for application and selection policy will be posted on the Congress website and published in the Information Package in May 2009.

Pre-Congress Training Courses

A number of training courses will be organized and offered in the week before the Congress. These training events will focus on topics and skills relevant to scientists for enhancing the quality of research as well as its dissemination for policy and management. A full list of courses and details will be posted on the Congress website and published in the Information Package.

Social Events

Exciting social programs such as Tree Planting Ceremony, Welcome Reception and Farewell Gala Event are being developed as part of the Congress. The best of Korea's varied culinary delights, entertainment and culture will be presented to delegates as their Congress experience.

In-Congress Tour

The Congress registration fee includes participation in a full day In-Congress Tour. A wide range of tours are being developed. However, a typical tour will take less than 2.5 hours travelling distance from Seoul and includes a mix of local tourist attractions, and forest and forestry-related places such as National Parks, National Arboretum, Plantations and Forest Tree Seed Orchards. Tours will be allocated on a random basis. Further details will be posted on the Congress website once confirmed and published in the Information Package.

Post-Congress Tour

Korea, a mountainous country with 64 percent of its land in forests, has a long history of its people living in close relationship with forests. Additionally, Korea is so diverse not only in its geography, climate and culture, but also in its flora and forest vegetations. The COC is planning to offer a wide range of Post-Congress Tours for participants to experience this diversity. It will include various regions throughout Korea and neighboring countries that combine tours of technical sites and tourist attractions. The final range of tours in addition to detailed itineraries and costs will be posted on the Congress website and published in the Information Package.





REGISTRATION

For efficiency and expediency, on-line registration is preferred. The registration will be available as of 1 February 2010 at the Congress website. Final registration fees, along with the registration form and detailed payment instructions will be published in the Information Package and posted on the Congress website.

ACCOMMODATIONS

The COC is now negotiating with hotels and other accommodation properties to obtain special rates for Congress participants. Different levels of accommodations (from five star hotels to budget accommodation) will be offered. Some hotels are within walking distance from the Congress venue, others are accessible by bus, taxi or subway (Seoul has a well-organized public transport system that provides to the tourists cheap and easy access to all the city areas). The full list of accommodation properties and final room rates will be available in the Information Package and the Congress website.

Please refer to the travel websites (www.visitkorea.or.kr and www.visitseoul.net) for further information on Seoul's range of travel options.

IMPORTANT DATES

1 st Announcement and call for session proposals	30 September 2008
Deadline for session proposals	15 January 2009
Notice of session proposal acceptance	28 February 2009
Information Package	May 2009
Deadline for abstract submission	30 September 2009
Notice of abstract acceptance	30 November 2009
Deadline for SAP application	31 December 2009
Deadline for registration for accepted speakers/poster presenters	28 February 2010
Deadline for registration at reduced fee rates	April 2010



GENERAL INFORMATION

Korea

Korea is the world's 11th largest economy, where the old and new coexists. "The Land of Morning Calm," described by a Nobel Prize winner Rabindranath Tagore, has transformed to one of the busiest countries with commerce in the world. Many international corporations and businesses run their subsidiaries and branches here. Although Korea has undergone modernization, many people still think highly of their 5,000-year long tradition and Confucian values. This combination of modernity and unique cultural heritage makes the country an attractive destination to visit, together with amiable/warm-hearted people. A myriad of international events take place every year, such as the 2002 FIFA World Cup and the 2005 APEC Summit.

For more information about Korea visit <http://www.tour2korea.com>

Seoul – Host City

Seoul has been the hub of politics, economy, culture and transportation of Korea for 600 years since King Taejo, founder of the Joseon Dynasty, who moved the capital here in the third year (A.D.1394) of his reign.

Seoul preserves numerous relics of the Joseon Dynasty. At the same time, Seoul has risen as a global city of modernity with many must-see attractions. These make

Seoul a favorite tourist destination where visitors can find all the amenities and entertainment they could ever want.

For more information about Seoul visit <http://www.visitseoul.net>

Contact

The 2010 IUFRO World Congress website at www.iufro2010.com is the primary and most up-to-date source of information about the program and all practical arrangements. You are also welcome to visit www.iufro.org or contact IUFRO Headquarters at office@iufro.org.

If you wish to be added to the mailing list, please contact the Congress Organizing Committee via e-mail: iufrococ@forest.go.kr. For all inquiries regarding the Congress, please contact the Congress Organizing Committee.

Disclaimer

Information presented above is true at the time of printing and is subject to change without notice. Please check the Congress website for updated information.



CONGRESS THEMES

Forests and Climate Change

Forest managers and policy makers need the best available science, models and decision tools, and monitoring systems to support adaptation and mitigation options for fostering healthy, productive forests and for ensuring continued provision of ecosystem services in a changing climate. Contributions to this theme will include: effects of climate change on the structure and function of forest ecosystems; interactions between climate and disturbance regimes such as fire, insect and disease, or invasive species; effects of changing climate on ecosystem services; management options for facilitating adaptation of forest ecosystems; mitigation options for optimizing carbon sequestration and greenhouse gas (GHG) offsets; carbon and GHG accounting protocols; feedbacks between climate-induced changes, management options, and global warming potential; and monitoring the impacts of changing climate and of mitigation and adaptation actions.

Biodiversity Conservation and Sustainable Use of Forest Resource

Biodiversity is the foundation of the broad range of forest goods and services that sustain and enrich our lives. Improved understanding of biodiversity from intraspecific to landscape levels is critical for conservation and sustainable use of forest resources. Contributions to this theme will highlight scientific advances related to the role of biodiversity in sustaining environmental, economic, social and cultural values of forests, and explore topics such as conservation policy and management, managing biodiversity in a changing climate, forest landscape restoration, recreation and nature-based tourism, urban forests and amenities, bioenergy and non-timber forest products.

Forest Environmental Services

Beyond their provision of direct economic and social benefits in the form of timber, woodfuels, foods, medicines, and other non-wood forest products, forests and trees provide a range of ecosystem services that are fundamental to human well-being. Optimizing these broader societal benefits

requires sound understanding of both the complex relationships between forest structure and function and the provision of forest environmental services, and how provision of these services are affected by environmental and social changes and by forest and broader landscape management. Contributions to this theme will examine such topics as the role of forests and woodlands, and their management, in the maintenance of favorable climate and air quality, prevention and mitigation of floods and other natural disasters, maintenance and restoration of water quality and the natural productivity of soils, amelioration of air and water pollution, and the provision of scenic beauty for recreation and eco-tourism, and inspiration for the arts and other cultural and spiritual activities.

Asia's Forests for the Future

The growing economies of Asia are creating many challenges and opportunities, both internally and externally. Forests have many important roles to play in these countries, and the future forests of Asia will be subject to many problems or changes. This theme will examine all aspects of Asia's future forests, including but not restricted to the supply of goods and services; the role of Asian countries in the global forest sector; planned developments such as China's six key forestry programs; the role of reforestation and rehabilitation programs for desertification control and environmental remediation; urban forestry; multi-purpose forest management; forest health and productivity; interactions between water and forests; traditional forest landscape management practices such as shifting cultivation and agroforestry; forest land ownership reform, and illegal logging and associated trade.

Forest Products and Production Processes for a Greener Future

Creating more value with less impact is essential if we are to move towards a greener future. The philosophy of "eco-efficiency" aims at the delivery of competitively-priced goods and services that satisfy human needs and improve quality of life, while progressively reducing ecological impacts and resource use intensity throughout the life-cycle to a level



compatible with the earth's estimated carrying capacity. Contributions to this theme will examine three promising streams of research that can trigger innovation along the whole forest product value chain: (1) environmentally sound production processes, (2) "green" products and systems, and (3) mechanisms that provide incentives to producers and consumers to use environmentally sound production processes and products.

Emerging Technologies in the Forest Sector

Traditional approaches to forest management, product manufacturing and biomaterial applications are continually being challenged. This theme seeks to highlight some of the more promising emerging technologies leading towards improved tree growth, forest health, and forest product utilization for bio-energy, human health and nutrition, as well as forest monitoring and modelling. Contributions will cover topics such as advanced breeding techniques, molecular genetics and genomics, nanotechnology; optimised energy usage; increased recovery using feature detection; integrated biorefining as well as high-value by-products. Emerging technologies in forest monitoring include 3D remote sensing of the forests, based on physical and empirical approaches; very high resolution remote sensing techniques for carbon balance and REDD monitoring; and new approaches in forest decision support systems.

Frontiers in Forest and Tree Health

The health of trees in forests and plantations is threatened world-wide due to damage caused by insect pests, pathogens and air pollution. This is being increasingly driven by host shifts for pests and pathogens and the introduction of these agents into areas where they previously did not occur. In addition there are growing examples of the negative impact of climate change on forests and there is growing evidence of close interactions between climate change and damage to trees by pests and pathogens. This theme seeks to draw attention to the most important elements of contemporary research dealing with all aspects of tree health.

Forests, Communities and Cultures

Beyond their provision of direct economic and social benefits Forests and woodlands benefit rural communities in many ways, providing economic opportunities and sustaining social, cultural and spiritual values based on people's multi-faceted inter-generational ties to the land. Contributions to this theme will explore the historical and potential importance of traditional (local and indigenous) knowledge in forest management and maintenance of biocultural diversity; community management of forests and woodlands; the role of small-scale forest-based enterprises in an increasingly globalized world; and emerging issues and opportunities for forest-dependent local and indigenous communities in light of the global trend towards decentralization of forest management authority.

Forests, Human Health and Environmental Security

As environmental conditions in and around forests deteriorate in many regions – whether from warfare, population growth, uncontrolled logging, landscape modifications and land-use changes, climate change or any of a number of other causes, human health often also deteriorates. Such changes are likely to affect the vulnerable groups such as women, children, and marginalized ethnic groups most severely. Contributions to this theme will examine the interrelationships between forests and human health, the impacts of environmental changes on the well-being of different social groups in and around forests, and opportunities for enhancing the role of forests to promote community health, security and well-being.





The Congress logo symbolizes the Earth composed of trees, forests, mountains, and the waters in harmony, incorporating the Congress theme "Forests for the Future: Sustaining Society and the Environment." In Oriental philosophy, the universe consists of heaven being made of *yin* and *yang*, and earth being made of the five elements (metal, wood, water, fire and earth). The five elements are understood as different types of energy in a state of constant interaction and flux with one another. The different colors in the logo are symbolic of the five elements: white (metal), blue (wood), purple instead of black (water), red (fire), and yellow (earth). The logo implies the philosophy of conservation and sustainable management of the global forests following the natural law.



XXIII IUFRO World Congress Organizing Committee

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