

Interconnecting Forests, Science and People 125<sup>th</sup> Anniversary Congress 2017



IUFRO 125<sup>th</sup> Anniversary Congress 18 - 22 September 2017 in Freiburg, Germany

# Summary Report



#### Edited by:

#### Forest Research Institute Baden-Württemberg

Wonnhaldestrasse 4 79100 Freiburg Germany

Phone: +49 (0)761 / 4018 - 0 Fax: +49 (0)761 / 4018 - 333 Email: FVA-BW@forst.bwl.de Internet: www.fva-bw.de

All photos by K. Polkowski unless stated otherwise

### Content

IUFRO p. 5	
Congress Aims p. 5	
Congress Organization p. 6	
Local Host	
Congress Organizing Committee	
Partner Research Organizations	
Public Sponsors	
Participation p. 7	
Scientist Assistance Program p. 8	
Scientific Program p. 8	
Plenary Keynote Sessions	
Sub-plenary Sessions	
Scientific Sessions	
Policy Elements p. 12	
Science in Dialogue	
IFSA Program Initiatives p. 13	,
Special Sessions and Side Events p. 14	ł
Training	
Symposia	
Side Events	
Official Events p.15	
Welcome Reception	
Welcome Reception Tree-Planting Ceremony	
Tree-Planting Ceremony	
Tree-Planting Ceremony Forest History Exhibition	
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony	
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony President's Dinner	
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony President's Dinner Anniversary Gala	
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony President's Dinner Anniversary Gala Closing and Awards	
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony President's Dinner Anniversary Gala Closing and Awards Pre-Congress Training Workshopsp. 18	;
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony President's Dinner Anniversary Gala Closing and Awards Pre-Congress Training Workshops	,
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony President's Dinner Anniversary Gala Closing and Awards Pre-Congress Training Workshops	;
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony President's Dinner Anniversary Gala Closing and Awards Pre-Congress Training Workshops	;
Tree-Planting Ceremony      Forest History Exhibition      Opening Ceremony      President's Dinner      Anniversary Gala      Closing and Awards      Pre-Congress Training Workshops    p. 18      Summer Schools    p. 19      Excursions    p. 19      Communication and Media    p. 20	;
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony President's Dinner Anniversary Gala Closing and Awards Pre-Congress Training Workshops	
Tree-Planting Ceremony      Forest History Exhibition      Opening Ceremony      President's Dinner      Anniversary Gala      Closing and Awards      Pre-Congress Training Workshops      p. 18      Summer Schools      p. 19      Communication and Media      p. 20      Income/Expenditures      Sponsors	
Tree-Planting Ceremony Forest History Exhibition Opening Ceremony President's Dinner Anniversary Gala Closing and Awards Pre-Congress Training Workshops	
Tree-Planting Ceremony      Forest History Exhibition      Opening Ceremony      President's Dinner      Anniversary Gala      Closing and Awards      Pre-Congress Training Workshops      p. 18      Summer Schools      p. 19      Communication and Media      p. 20      Income/Expenditures      Sponsors	

### **Key facts and dates**

- The IUFRO 125<sup>th</sup> Anniversary Congress was held from **18 22 September 2017** in **Freiburg**, Germany.
- The main congress venues were the *Konzerthaus* and nearby buildings of the Albert-Ludwigs-University Freiburg.
- **1,934 participants** from 90 countries were registered.
- 1,517 participants gave one or two scientific presentations, comprising 1,344 oral and 453 poster presentations.
- The Call for Sessions was open from 4 April—30 June 2016. Finally, **171 sessions** were included in the congress program.
- The Call for Abstracts was open from 16 September 15 December 2016. Almost 3,500 abstracts were submitted.
- Registration was opened on 22 March 2017. Due to capacity limits, it was closed on 1 June 2017 when the maximum number of registrations was reached.



Konzerthaus Freiburg



Konzerthaus foyer and exhibition booths



Wood carving by Wolfgang Junglas (ForstBW)



College Building I, University of Freiburg



Expert Panel Science meets Science



Student helper assisting Dr. Bhaskar Vira

Figure 1: Impressions of the Congress.

### IUFRO: the worldwide network of forest science

In the 125 years since its foundation, IUFRO has been committed to promoting international cooperation in research embracing the full range of topics related to forests and trees. It has grown into a network with much potential to make a significant contribution towards attaining the social, economic and environmental goals outlined in the 2030 United Nations Agenda for Sustainable Development as well as other international agreements. IUFRO member institutions and individual researchers develop and share knowledge needed to develop science-based solutions to current and future global challenges for the benefit of forests and people.

Currently, IUFRO unites over 15,000 scientists in more than 120 countries who work together towards solving forest-related problems at all levels, from local through to global. Research centers, universities, NGOs, and decision-making authorities are counted among the ca. 650 member organizations.



**Figure 2:** Participants of the 20<sup>th</sup> meeting of the German forest research institutes and counterparts from Austria and Switzerland in September 1892, Eberswalde, Germany.

At this meeting, the statutes of the International Union of Forest Research Organizations were adopted. (Picture: Wikipedia).



### **Congress Aims**

The title defined for this Anniversary Congress – *Interconnecting Forests, Science and People* – acknowledges the vital role forests and trees play in sustaining life on earth, and in providing not only natural resources, including food, drinking water and affordable energy resources, but also incomes and jobs for human societies. Yet, forests are impacted by climate change, demographic changes, competition for land and a variety of other pressures and threats. These issues are addressed in the current IUFRO Strategy, where pathways towards achieving sustainable growth and greater resilience to climate change and natural hazards are outlined.

The 125<sup>th</sup> Anniversary since the foundation of IUFRO presented a key opportunity to **CELEBRATE** past achievements, **HIGHLIGHT** IUFRO's vital role in providing a sound basis for political decisions at all levels, **STRENGTHEN** collaboration with our stakeholders, and **BUILD BRIDGES** to other sectors such as water, agriculture and energy.

Furthermore, at this Congress a platform was developed for the exchange of scientific knowledge across the full range of forest and forest-related topics and scientific disciplines, and to promote a dialogue among scientists from these disciplines from all parts of the world, national and international policy decision makers and important stakeholders.

# **Congress Organization**

### **Local Host**

NFZ.forestnet, a forest research network comprising seven research institutions in Nancy (France), Freiburg (Germany) and Zurich (Switzerland) which have been collaborating in forest-related research and education projects in this Tri-Nation Region since 2006, hosted the congress. Representing NFZ forestnet, the Forest Research Institute Baden-Württemberg (FVA), in Freiburg, was responsible for the organization.

The secretariat established at the FVA undertook the planning, coordination and organization of the congress. It was staffed with two people initially, and three people in the latter phase of congress organization.

### **Congress Organizing Committee**

Decisions and milestones on congress organization were approved by the Congress Organization Committee (COC) during periodic meetings. The COC was chaired by the Director of FVA. Members of the committee included representatives of all NFZ institutions, other partner research institutions and public sponsors. A list of all COC members is provided in Appendix 1.

### **Partner Research Institutions**





### **Public sponsors**



Federal Ministry of Food and Agriculture







MINISTERIUM FÜR EIN LEBENSWERTES ÖSTERREICH



Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra

Swiss Confederation

Federal Office for the Environment FOEN

### **Participation**

In total, 1,934 people attended the congress, including invited guests, honorary members, stakeholders from international organizations and the business sector, and political representatives from the home countries of the partner organizations, Germany, France, Switzerland and Austria.

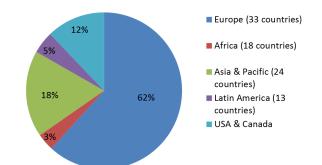
Overall, delegates from 90 countries attended the congress. Most participants arrived from European countries, followed by Asian countries (Figure 3). Furthermore, 134 delegates from 42 countries listed as economically disadvantaged countries<sup>1</sup> attended.

Students, including PhD candidates, comprised 15% of all participants (Figure 4). Almost 12% of all participants were young scientists below 30 years.

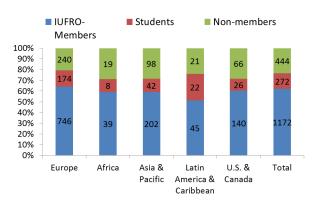
The percentage of non-IUFRO members attending the congress from different continents ranged between 28% (Africa, Asia and Pacific Region) and 20% (Europe).

Female researchers accounted for almost 40% of all participants. Among young scientists under 30 years of age, 56% were female.

Only 13% of all registered participants did not attend the congress.



**Figure 3**: Country of residence of all participants, based on registration data.



**Figure 4:** IUFRO members, students and non-members at the congress. The numbers within the bars indicate the absolute number of participants of that category.



Figure 5: Countries of residence of the participants. Map created with http://www.amcharts.com/visited\_countries.

## **Scientist Assistance Program**

Through a generous grant from the German Ministry of Food and Agriculture (BMEL), the participation of 58 young scientists from socio-economically disadvantaged countries could be supported. The group included 29 women and 29 men. Scientists eligible for the SAP-grant support were early to mid-career scientists from Least Developed Countries (<u>UN definition</u>), but also scientists from countries classified as low income or lower-middle income countries by the <u>World Bank</u> (as at 2016), and whose abstract was accepted in the abstract review process conducted by the Congress Scientific Committee.

Separate funding acquired by IUFRO generated support for an additional 11 scientists (5 women, 6 men).

These scientists originated from 30 countries, predominantly from Africa (16) and Asia (9), but also from Central and South America (5). Pre-Congress Training Workshops were conducted for interested scholarship holders (p. 18).

### **Scientific Program**

To meet the congress aims, the scientific program addressed critical global, forest-related challenges to national and international political agendas and created opportunities for the presentation of innovative and interdisciplinary scientific research focusing on these challenges.

The scientific program comprised two keynote plenaries, eight sub-plenary sessions and 171 scientific sessions with almost 1,800 oral and poster presentations.

The Congress Scientific Committee (CSC, see <u>Appendix 2</u>), chaired by Dr. Andrew Liebhold, developed the framework for the scientific program of the congress.

#### **Plenary Keynote Sessions**

Keynote speakers were sought who could inspire the audience to contemplate future directions in forest-related scientific disciplines in relation to benefits for the global, or regional, human population. One keynote addressing global issues and another addressing specific forest-related issues was envisaged. CSC members submitted nominations for keynote speakers. The final choice was determined by vote. Keynote plenary sessions are available as live recordings at http://iufro2017.com/post-live/.

- The potential contribution of the forest sector to climate change mitigation Dr. Werner Kurz, Canadian Forest Service (Natural Resources Canada), Canada
- The Earth System, the Anthropocene and the world's forests Prof. Will Steffen, The Australian National University, Australia, and The Stockholm Resilience Centre, Sweden
- The perverse outcomes of incentives for forest conservation Dr. Arun Agrawal, University of Michigan, USA
- Restoration Forestry: Challenges and Opportunities for foresters, forests, and landscapes Prof. Robin Chazdon, University of Connecticut, USA
- Hidden biodiversity and forest dynamics Prof. Hojka Kraigher, Slovenian Forestry Institute, Slovenia











Figure 6: Dr. W. Kurz, Prof W. Steffen, Dr. A. Agrawal, Prof. R. Chazdon, Prof. H. Kraigher (left to right). Photos provided by the keynote speakers.

### Sub-plenary Sessions

All sub-plenary sessions are available as live recordings at <a href="http://iufro2017.com/post-live/">http://iufro2017.com/post-live/</a>.

Sub-plenary 1:	Communicating with Einstein – about forest facts, feelings and fake news
Organizer:	UNECE-FAO Forest Communicators' Network and IUFRO
Moderator:	Robert Burt, IUFRO (Canada)
Sub-plenary 2:	Innovative forest assessment and sustainable management in a changing world
Organizer:	IUFRO Division 4, Forest Assessment, Modelling and Management
Moderator:	Dr. Jean-Luc Peyron, IUFRO Division 4 Coordinator, GIP-ECOFOR, (FRANCE)
Sub-plenary 3:	Forests in cities and in wilderness offer recreation and health benefits
Organizer:	IUFRO Division 6 – Social Aspects of Forests and Forestry
Moderator:	Tuija Sivänen, IUFRO Division 6 Coordinator, LUKE (Finland)
Sub-plenary 4:	Forest health – Critical global issues in the 21 <sup>st</sup> Century
Organizer:	IUFRO Division 7, Forest Health
Moderator:	Dr. Eckehard Brockerhoff, IUFRO Division 7 Coordinator, SCION Research (New Zealand)
Sub-plenary 5:	Our future forests
Organizer:	International Forestry Students' Association (IFSA)
Moderator:	Salina Abraham, IFSA President (USA)
Sub-plenary 6:	Forest operations, engineering and management – Challenges and Opportunities
Organizer:	IUFRO Division 3, Forest Operations Engineering and Management
Moderator:	Prof. Woodam Chung, IUFRO Division 3 Coordinator, Oregon State University (USA)
Sub-plenary 7:	Changes in forest governance – Implications for sustainable forest management
Organizer:	IUFRO Division 9, Forest Policy and Economics
Moderators:	Prof. Daniela Kleinschmit, IUFRO Division 9 Coordinator, University of Freiburg (Germany)
	Mercy Afua Adutwumwaa, University of Energy and Natural Resources (Ghana)
Sub-plenary 8:	Forest and tree research for sustainable development
Organizer:	IUFRO and CGIAR Research Program on Forests, Trees and Agroforestry (FTA)
Moderator:	Dr. Michael Kleine, Deputy Executive Director IUFRO (Austria)





Figure 7: Sub-Plenary 1: Communicating with Einstein; Sub-Plenary 2: Innovative forest assessment and sustainable management in a changing world.

#### **Scientific Sessions**

In keeping with the congress aims – to provide a platform for the exchange of scientific knowledge across the full range of forest and forest-related topics and scientific disciplines as well as highlight innovative and interdisciplinary research relevant to forests – the five key questions below, drawn from the current IUFRO Strategy, guided the framework for scientific sessions.

- How can the role of forests for people's livelihoods and quality of life be improved, and what contribution could forest restoration make?
- How can forests play a greater role in carbon sequestering and simultaneously become more resilient to climatic changes?
- What role can forests play in the emerging bio-economy, and how can their true value be recognized?
- How can biodiversity loss and biological invasions be effectively addressed?
- How do trees, soil and water interact in forest ecosystems, and what role can forests play in enhancing the provision of freshwater?

In addition, five IUFRO Divisions held their meetings at the congress. The meetings addressed the challenging issues relevant to their topics.

With these key questions and the All-Division meetings, the scientific topics discussed at the congress were structured into ten segments:

#### General Congress Themes:

- Forests for People (T1)
- Forests and Climate Change (T2)
- Forests and Forest-Based Products for a Greener Future (T3)
- Biodiversity, Ecosystem Services and Biological Invasions (T4)
- Forests, Soil and Water Interactions (T5)

#### All Division Meetings:

- All-Division 3 Meeting (D3)
- All-Division 4 Meeting (D4)
- All-Division 6 Meeting (D6)
- All-Division 7 Meeting (D7)
- All-Division 9 Meeting (D9)







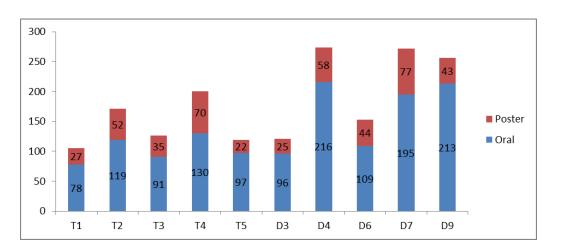


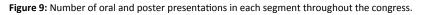
Figure 8: Up to 18 parallel sessions were held in rooms of the *Konzerthaus*, the adjunct Novotel and the University buildings. The poster exhibition was located in one of the university buildings.

Of the sessions and presentations held in the All-Division Meetings, Division 4 hosted the most presentations, with 24 sessions (Figure 9). Of the General Congress Themes, the most presentations were given in the segment "Biodiversity, Ecosystem Services and Biological Invasions". Overall, the congress hosted 171 scientific sessions.

Including scientific keynotes and sub-plenary sessions, 1,517 participants (78% of all participants) gave one or two scientific oral or poster presentations. Overall, 1,344 oral presentations were held and 453 posters were presented (Figure 5). With an average time of twelve minutes per oral presentation and three minutes for discussion afterwards, the scientific program covered a total of 336 hours. Scientific presentations were given from Monday 18 September through to Friday 22 September 2017. The busiest day was Monday, with 438 oral presentations and 117 posters in 53 sessions.

Abstracts of all oral and poster contributions are published in the Book of Abstracts, available for download here.





Summarizing the sessions at the end of the congress, the CSC Chair, Dr. Andrew Liebhold, emphasized the extremely broad scope of the subject matter presented. He highlighted the following four topics which stood out at the congress:

- **Climate Change,** which can be seen as the greatest challenge facing society today, with considerable new information being presented at the congress, in particular on the ecological and social impacts of climate change as well as the critical role forests play in its mitigation.
- **Forest Diversity**, with new knowledge presented on the role forests play as a critical reservoir for bio-diversity, and a greater understanding of the threats from biological invasions, among other things, to biodiversity.
- Interactions between Forests and Human Societies, with new results on these interactions, how societies benefit from forests, and the role humans play in managing forests for human benefits.
- Forest Restoration, as the most important scientific topic of this decade, particularly the research into the benefits of forest restoration as a strategy for restoring degraded habitats.



Figure 10: Dr. Liebhold at the closing ceremony.

# **Policy Elements**

#### **Science in Dialogue**

In the series of Science in Dialogue Sessions, high-level speakers from various sectors joined selected panels to discuss the overarching theme "Challenges of sustainable development: implications for forests and forest science" from their perspectives. Introductory statements were followed by a moderated discussion with panelists, and an open discussion with the audience on the following leading questions:

- What are the biggest concerns and most pressing challenges related to the Sustainable Development Goals (SDGs) and forests?
- Are there synergies and trade-offs in implementing the SDGs from a forestry perspective?
- What are the most important knowledge gaps and information requirements by policy makers, business and industry, and civil society groups?
- Is there a mismatch between the knowledge delivered by education and the expertise and skills needed?
- How can IUFRO support policy makers, business and industry, and civil society groups more effectively in addressing the forest-related SDGs? And which forms of collaborative action could be taken?

The Science in Dialogue Sessions were hosted by IUFRO. They delivered input for the future IUFRO Strategy 2019-2024. The interaction between scientists and stakeholders facilitated the identification of priority issues and information needs. A major goal of these sessions was the establishment of potential ways and means for more effective and structured collaboration with stakeholders.

All Science in Dialogue sessions are available as live recordings at <a href="http://iufro2017.com/post-live/">http://iufro2017.com/post-live/</a>.

#### **Science meets Policy**

Keynotes:	Göran Persson, Senior Advisor, Sveaskog, and former Prime Minster of
	Sweden, Stockholm (Sweden)
	Raimundo Deusdará Filho, Director-General, Brazilian Forest
	Service, Brasilia (Brazil)
Panel:	Hiroto Mitsugi, Food and Agriculture Organization of the United
	Nations (FAO), Rome (Italy)
	Manoel Sobral Filho, UN Forum on Forests (UNFF), New York (USA)
	Dr. Gustavo A.B. da Fonseca, Global Environment Facility (GEF),
	New York (USA)
	Tim Christophersen, UN Environment (UNEP), Nairobi (Kenya)
	Werner Kornexi, The World Bank, Washington (USA)
	Prof. Daniela Kleinschmit, IUFRO Coordinator Division 9, University of Freib



igure 11: Keynote by Göran Persson

rg, Freiburg (Germany)

Moderator: Alexander Buck, IUFRO Headquarters, Vienna (Austria)

#### **Science meets Business**

Jointly hosted with Mondi.

Keynote: Prof. Bhaskar Vira, Director, University of Cambridge Conservation Research Institute, Cambridge (United Kingdom) Panel: Christian Skilich, Mondi AG, Vienna (Austria) Dr. Christopher Stewart, Corporate Responsibility & Sustainability, Olam Gabon, London (United Kingdom) Ivo Mulder, UN Environment, Geneva (Switzerland) Prof. Michael Wingfield, IUFRO President, Forestry and Agricultural Biotechnology Institute (FABI), Pretoria (South Africa)



Figure 12: Expert Panel Science meets Business.

Moderator: Gerald Steindlegger, ISS-Integrated Sustainability Solutions, Oberneukirchen (Austria)

12

#### Science meets Stakeholders

- Evy von Pfeil, Deutsche Gesellschaft für Internationale Keynote: Zusammenarbeit (GIZ) GmbH, Eschborn (Germany)
- Luís Neves Silva, World Wide Fund For Nature (WWF)(Portugal) Panel: Victoria Tauli-Corpuz, UN Special Rapporteur on the rights of indigenous peoples, Baguio City (Philippines) Carsten Wilke, German Forest Society, Göttingen (Germany) Salina Abraham, International Forestry Students' Association (IFSA), Utrecht (The Netherlands)



Figure 13: Science meets Stakeholders Panel.

Prof. Lisa Sennerby-Forsse, Royal Swedish Academy of Agriculture and Forestry, Stockholm (Sweden)

Prof. Michael Wingfield, IUFRO President, Forestry and Agricultural Biotechnology Institute (FABI), Moderator: Pretoria (South Africa)

#### **Science meets Science**

Keynote:	Dr. Peter Holmgren, Director General, Center for International	
	Forestry Research (CIFOR), Bogor (Indonesia)	
Panel:	Prof. Mari Walls, Natural Resources Institute of Finland (LUKE), Helsinki (Finland)	
	Dr. Carlos Rodriguez Franco, US Forest Service, Washington (USA)	
	Erich Schaitza, Brazilian Agricultural Research Corporation Embrapa,	
	Curitiba (Brazil)	
	Dr. Lee Chang-Jae, National Institute of Forest Science (NIFoS),	
	Seoul (Republic of Korea)	Figure 14: Dr. Ofori
	Dr. Daniel Ofori, CSIR-Forestry Research Institute of Ghana, Kumasi (Ghana)	Panel Science meet
	Charles Erkelens, International Council for Science (ICSU), Paris (France)	
Moderator:	Dr. Peter Mayer, Austrian Research and Training Centre for Forests, Natural Hazar	rds and Landscape,



Figure 14: Dr. Ofori in the Expert Panel Science meets Science.

# **IFSA** Program Initiatives

(BFW), Vienna (Austria)

The International Forestry Students' Association (IFSA) is a non-political, non-religious, and non-profit organization that connects forestry students from all over the world in a wide spectrum of activities. IFSA and IUFRO have a strong partnership, and a long tradition of collaboration, generating opportunities for IFSA and IUFRO members alike. Through the Joint IUFRO-IFSA Task Force on Forest Education, the IFSA-IUFRO Joint Position, student volunteering at IUFRO congresses, internships, and the co-organization of side events for international meetings, IFSA and IUFRO members network and exchanges ideas and experiences.

In addition to co-organizing the sub-plenary session entitled Our Future Forests (see pg. 9), IFSA organized the IFSA Youth Incubator Session, two training sessions for young scientists (see pg. 14) and coordinated the IFSA-IUFRO Mentoring Program.

For the IFSA Youth Incubator Session, Bachelor and Master students were invited to submit presentations of academic or scientific projects as a TED Talk of 5-minutes duration. Six presentations were given.

The IFSA-IUFRO Mentoring Program aimed to connect students and young career scientists attending the congress with experienced scientists, as mentors, for the mutual benefit of both.

The program created opportunities for students and young career scientists to connect with, and learn from, experienced scientists and stakeholders attending the congress who could help navigate the complexity of topics in the scientific program. In turn, mentees could share their knowledge, research, experience or insights. The expression of interest was considerable. For those registered, the IFSA team strategically matched mentors with mentees based on their similar backgrounds and interests. Ultimately, 80 mentees and 128 mentors registered, enabling the IFSA team to link all mentees with mentors.

# **Special Sessions and Side Events**

#### **Training Sessions**

Training Session 1:	Getting Published in the Changing Science Landscape
Organizers:	IUFRO WP 9.01.06 Forest Science Publishing and IFSA/IUFRO Joint Task Force Forest Education
	(Main Organizer: Pekka Nygren, Finnish Society of Forest Science, Finland)
Training Session 2:	Forest Governance– A case study of tropical timber trade between Europe and Colombia
Organizers:	Joint IUFRO-IFSA Task Force on Forest Education
Training Session 3:	Guidos Toolbox—Digital Image Analysis of pattern, connectivity, fragmentation, and more
Organizer:	Peter Vogt (European Commission, Joint Research Centre)

Training Sessions 1 and 2 were developed by IFSA in cooperation with partners for students and early career scientists. Training session 3 was open to all those interested. The training sessions took place in Freiburg.

#### Symposia

Symposium 1:	EPIC-CONF: Tree Epicormics—Importance for Ecology, Forest Management and Tree Care
Organizers:	Francis Colin (UMR LERFoB, Inra – AgroParisTech) and colleagues
Symposium 2:	Economics of Forest Ecosystem Services and Forest Sector Economic Modelling
Organizers:	Serge Garcia, Sylvain Caurla, Philippe Delacote and colleagues (UMR LEF, Inra – AgroParisTech)
Symposium 3:	Water Use Efficiency in Forest Trees under Drought
Organizer:	Didier Le Thiec (UMR EEF, Inra – Université de Lorraine) and colleagues

Symposia were organized by NFZ.forestnet partners in Nancy, France. They were held in Nancy and Champenoux, France.

#### Side Events

Book Launch 1: Presenters:	A History of IUFRO Congresses, Forest Research and Russia's Participation Victor K. Teplyakov and Valentin S. Shalaev, SNU-MSFU (RoK-Russia)
Book Launch 2:	Gender and Forests: Climate change, tenure, value chains and emerging issues. Edited by Carol J. Pierce Colfer, Bimbika Sijapati Basnett, Marlène Elias. Routledge 2016.
Lab Visit:	The <b>Tree-Ring Laboratory</b> at the University of Freiburg (Chair of Forest Growth and Dendroecology), offered guided tours for congress participants. The lab visit was organized in cooperation with the Dendrosciences Group at the Swiss Federal Institute for Forest, Snow and Landscape Research (WSL).
Business Meetings:	The five divisions which held their All-Division Meetings at the congress as well as several Working Parties and Networks also held their business meetings during the congress. See a full list of meetings in <u>Appendix 3.</u>

### **Official Events**

#### **Welcome Reception**

The Welcome Reception for the IUFRO 125<sup>th</sup> Anniversary Congress was held in the foyer of the *Konzerthaus* on Sunday evening (17 September 2017) preceding the congress. It was open to all registered participants and was attended by 1,364 people. The award-winning Freiburg Scientific Theatre entertained the participants with creative performances addressing forestry issues. This culturally diverse group of young and passionate sustainability experts is based in Freiburg, Germany. In five sketches, they presented an interpretation of complex scientific themes. The atmosphere in the *Konzerthaus* foyer was vibrant as the many participants took this opportunity to reconnect with friends and colleagues, and meet new people.

#### **Tree-planting Ceremony**

At the traditional IUFRO tree planting ceremony, a linden tree (*Tilia cor-data*) was planted by the Mayor of the City of Freiburg, Dr. Dieter Salomon, the Vice Director of the FVA, Dr. Gerald Kändler, and the President of IUFRO, Prof. Michael Wingfield. The public ceremony took place under the auspices of Prof. Daniela Kleinschmit, Chair of Forest and Environmental Policy at the Albert-Ludwigs-University Freiburg (top, right). The ceremony was attended by an estimated 80 congress participants and the local press.

Historically, linden, or lime trees, often served as location for trials and court meetings. Still today they shelter open air dances, beer gardens, resting points, and avenues in Central Europe.

#### **Forest History Exhibition**

The Exhibition, entitled "Interconnecting Forests, Science and People – IUFRO's activities over the past 125 years", was installed in the inner courtyard of the Faculty for Environment and Natural Resources ("Herderbau"), and displayed three interconnected elements: a Forest Science History Exhibition, artistic photographs, and an integrated lounge space designed especially for visitors. Curated by the Chair of Forest History, Prof. Uwe-Eduard Schmidt and his team, the installations were designed and constructed by students from the co-operating University of Arts and Applied Sciences (hKDM) in Freiburg. The photo exhibition, entitled "Traces in the Forest", offered a spatiotemporal interpretation of the relationship between people and the forest.

The different stations focused on research themes, artefacts of historical relevance, and activities of IUFRO Divisions during six distinguished phases:

- Foundation age of IUFRO to World War I
- World War I to End of World War II
- Post-war period to End-1960s
- Economic growth in a world of limited resources
- Globalization and environmental issues worldwide

The exhibition was ceremonially opened to the general public by the Vice Rector of the University, Prof. Juliane Besters-Dilger, Prof. Uwe-Eduard Schmidt, and the Rector of hKDM, Prof. Timo Becker on Monday, 18 September 2017. The exhibition remained open for two weeks.





Figure 15: Prof. D. Kleinschmit (above) at the Tree-planting Ceremony.





**Figure 16:** Antique photographs and artifacts at the Forest History Exhibition.

#### **Opening Ceremony**

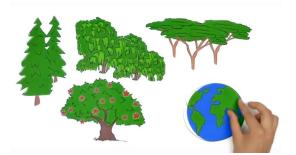


Figure 17: Screen shot of the IUFRO image video, promoting the new slogan. The full video can be viewed at <u>IUFRO's</u> YouTube channel.

The official Opening Ceremony took place on Tuesday morning, 19 September 2017, and was moderated by Prof. Konstantin von Teuffel (FVA). IUFRO President, Prof. Michael Wingfield, addressed the plenary and officially opened the congress. Political representatives from the countries of the partner organizations and key stakeholders also addressed the audience.

Alexander Buck, Executive Director of IUFRO, presented the new IUFRO slogan: "Interconnecting Forests, Science and People". The Opening Ceremony was followed by statements from political representatives of the federal ministries involved in congress organization.

A list of all speakers is provided in Appendix 5.

#### **President's Dinner**

As is tradition, the current IUFRO President invited IUFRO Board members, former IUFRO presidents, congress keynote speakers, and award recipients to attend the President's Dinner. In keeping with this tradition, representatives from the local host countries and states, and those directly involved in the organization of the congress as members of the organization committee and the secretariat were also invited.

The President's Dinner took place in a festive setting in the *Kaisersaal* of the Historical Merchants' Hall in the inner city of Freiburg. The guests were entertained with live classical music and speeches commemorating the 125<sup>th</sup> Anniversary of IUFRO.

#### **Anniversary Gala**

The Anniversary Gala took place in the *Konzerthaus*, providing lots of space to offer regional and international performances in various locations to entertain the guests. The evening entertainment commenced with a traditional Black Forest brass band and folkdance ensemble, which was then followed by a forest-history performance to amuse the attentive audience. At the end of the stage performance, the President of IUFRO was presented with a Black Forest cake in honor of IUFRO's 125<sup>th</sup> birthday.

In addition, a continuous nailing contest, and a polaroid photo station, presenting a photo opportunity against a Black Forest panorama backdrop with traditional, and forest-related costumes, proved to be a popular source of entertainment among the participants.

Together with an array of local wines and a lively performance by an A Capella group, everyone was well entertained until midnight. Nearly 1,000 attendees took the time to relax and network with other scientists, colleagues and friends in a relaxed atmosphere with much amusement.



**Figure 18:** The Historical Merchants' Hall of Freiburg is as impressive from the outside as from the inside.





**Figure 19:** Black Forest traditional dances (above). Prof. M. Wingfield (below, left) and Prof. K. von Teuffel (below, right) look forward to tasting the famous Black Forest cake.

#### **Closing and Awards**

During the two-hour closing ceremony the main messages from the 125<sup>th</sup> Anniversary Congress were summarized by the chair of the CSC (see <u>pg. 11</u>).

The following awards were presented by Prof. John Innes, Chair of the IUFRO Honors and Awards Committee:

#### **Special Recognition Award**

• Jan Heino (FAO)

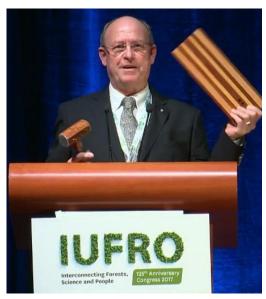
#### **Distinguished Service Award**

- Prof. Margarida Tomé (University of Lisboa)
- Prof. Hans Rudolf Heinimann (ETH Zürich)
- Prof. Konstantin von Teuffel (FVA Freiburg)



Figure 20: Prof. John Innes, Chair of the Honors and Awards Committee.

The ceremony concluded with an invitation to the next IUFRO World Congress, which will be held in Curitiba, Brazil, from 29 September - 5 October 2019. The delegates from Brazil presented a video of the host country and city of Curitiba, and the new Congress Organizing Committee Chairs, Joberto Veloso de Freitas and Yeda Maria Malheiros De Oliveira, together with the Chair of the Scientific Committee for the World Congress, Prof. Jerry Vanclay, extended a warm welcome to all participants. IUFRO President, Prof. Michael Wingfield, then officially closed the congress. The closing ceremony and subsequent farewell reception were attended by over 1,200 participants.



**Figure 21:** Prof. Wingfield closing the Anniversary Congress. The gavel in his hand was a gift to IUFRO at the 100<sup>th</sup> birthday celebrations, and is used for finalizing decisions at IUFRO board meetings.

# **Pre-Congress Training Workshops**

IUFRO's Special Programme for Development of Capacities (SPDC), in collaboration with the US-Forest Service, organized two training workshops in conjunction with the IUFRO 125<sup>th</sup> Anniversary Congress for congress participants whose attendance was supported by the Scientist Assistance Program. A total of 29 early to mid-career scientists from economically disadvantaged countries in Africa, Asia and Latin America took part in one of the two Pre-Congress Training Workshops (https://www.iufro.org/science/special/spdc/actproj/annivtws/):

- Communicating Forest Science: Making Science Work for Policy and Management
- Science-Society Interactions in Support of Forest Landscape Restoration



Figure 22: The IUFRO-SPDC group in the inner courtyard of Herderbau. Picture provided by IUFRO.

## **Summer Schools**

NFZ.forestnet partner research institutions offered six summer schools before and after the congress in France, Switzerland and Germany. Almost all were fully booked. Overall, 148 young scientists participated in the week-long courses.

- European Dendroecological Field Week
  Organizers: WSL (Switzerland), University of Freiburg (Germany), INRA (France)
- Stable Isotopes in Forest Ecosystem Research Organizers: UMR EEF Inra-Université de Lorraine (France)
- Soil Functions along a Gradient of Human Impact
  Organizers: UR BEF Inra, UMR LSE Université de Lorraine, INRA (all France)



- International Forestry and Global Issues
  Organizers: INRA (France), AgroParisTec (France),
  FVA (Germany)
- Terrestrial LIDAR in Forest Plots
  Organizers: UMR LERFoB Inra, AgroParisTech (all France)
- Forest and Environmental Policy Research: from Theory to Method and back
   Organizers: University of Freiburg (Germany)



Figure 23: Group work and field class at "International Forestry and Global Issues" (IFGI). Pictures provided by participants.

### **Excursions**

A total of 36 post-congress tours were offered to the congress participants. They were conducted at sites in Germany, France and Switzerland.

Topics covered invasive diseases, stand management, sampling techniques, rural development, and nature conservation. Most tours also planned sight-seeing and aspects of cultural interest in the program.

Ultimately, 13 tours took place, including three half-day tours, nine full-day tours, and one two-day tour (see <u>Appendix 6</u>). These excursions were offered by the NFZ.forestnet research institutions FVA, ETHZ, AgroParisTech, and INRA as well as the Freiburg Municipal Forest Office and the Black Forest Biosphere Reserve.

Overall, 272 persons registered for the tours.

### **Communication and Media**

#### **Mailings and Social Media**

In the preparation for the congress, five issues of a congress newsletter were sent out to subscribers. The newsletter announced important dates and milestones of the organizational progress.

Social media accounts were maintained on Twitter and Facebook from April 2016 to March 2018. During the congress, an Instagram account supported on-site reporting.

#### **Testimonials**

In cooperation with IUFRO Headquarters in Vienna, 25 representatives of international policy agencies, NGOs, and IUFRO office holders provided testimonials for IUFRO and the upcoming congress. They were invited to give short interviews about their relationship to, and opinion of IUFRO, and their personal interpretation of *"Interconnecting Forests, Science and People"*.

The interviews were published consecutively, commencing at the end of March to count down the remaining 25 weeks until the congress (see <u>Appendix 7</u>).

The full interviews were published on the website and featured in the Social Media Channels (as pictured right).

#### Media coverage

The congress received good media coverage: more than 40 articles in regional, national, and online newspapers and magazines were published. Additionally, seven radio and seven television programs reported on congress-related topics of forest science. A live recording of the press conference is available at <u>http://iufro2017.com/post-live/</u>.

Additionally, representatives of the host institutions held interviews with selected guests. All videos as well as the official congress video are available on <u>IUFRO's YouTube Channel</u>.

"IUFRO unifies foresters

worldwide and has

from the very

beginning."

enabled cooperation across political borders

**Walter Liese**, IUFRO president 1977 - 1981

**Figure 25:** Dr. Aeickens giving an interview to the public TV station ZDF.



nfz.forestnet

IUFRO







# Budget

Total congress costs amounted to approximately 1.54 Mio € and a total income of 1.56 Mio €, resulting in an almost balanced budget. The small deficit remaining was carried by the local host.

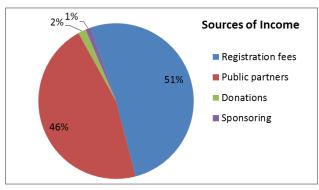
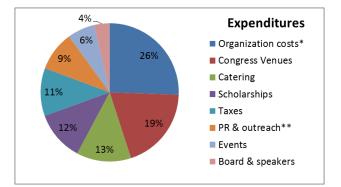


Figure 26: Contribution of the sources of income to the congress budget.



**Figure 27:** Contribution of the sources of income to the congress budget. \*Organization costs include online participant and abstract management. \*\*PR and outreach includes website maintenance, news-letter and social media activities, as well as support from a PR agency and the congress livestreaming.

### Donor

### EVA MAYR·STIHL STIFTUNG

# **Sponsors**

**co**mati





### We kindly thank all our sponsors and donors for their generous support!

### Acknowledgements

During the almost two and a half years of preparations towards this unique IUFRO Anniversary Congress, a very large number of people contributed their time, active support and guidance towards making this congress such a successful and memorable event.

Firstly, a congress of such dimensions would not have been feasible without the generous financial support of our **public sponsors**, the Federal Ministry of Food and Agriculture (**BMEL**), Germany; the Ministry of Rural Affairs and Consumer Protection Baden-Württemberg (**MLR**), Germany; **ForstBW**, Germany; the *Bundesministerium für Land- und Forstwirtschaft, Umwelt und Wasserwirtschaft* (**BMLFUW**), Austria; and the Federal Office for the Environment (**FOEN**), Switzerland. Additionally, the **Eva Mayr-Stihl Foundation** made a generous donation to this congress. We express our sincerest thanks for this support and transnational cooperation.

We extend a special thank you to all **NFZ.forestnet partner institutions** who, in every sense, were partners in the planning and organization of the congress, contributing their invaluable time and resources. All research institutions were represented on the Congress Organization Committee. All took the time to attend meetings held regularly in Freiburg to advise and provide constructive comments on all organization matters raised. We also sincerely appreciate the enormous effort made to organize and conduct the accompanying summer schools, training courses, symposia and excursions, some of which took place before, and some after the congress in Baden-Württemberg, France and in Switzerland. The promotion of the congress through their extensive networks surely contributed to the interest in the congress. The full support of the **University of Freiburg** was paramount to the success of the congress. Upon each additional request, the administration made available still more rooms within the university to ensure number of parallel sessions could be increased. In addition, the **Faculty of Environment and Natural Sciences** provided rooms and resources in their building, the *Herderbau*, for the pre-congress training courses. It was on their grounds that the Tree-Planting Ceremony was held, and the Forest History Exhibition installed for all to see over a two-week period.

In addition to the NFZ.forestnet partners, the federal interests of Austria, France and Germany were represented on the **Congress Organizing Committee** by the Austrian Federal Research and Training Centre for Forests, Natural Hazards and Landscape (**BFW**), the French Public Interest Group on Forest Ecosystems (**GIP ECOFOR**), and the German Federal Ministry of Food and Agriculture (**BMEL**). Further, the relevant ministries from the states of Bavaria, through the Bavarian State Ministry for Food, Agriculture and Forestry (**STMELF**), and Baden-Württemberg, through the Ministry of Rural Affairs and Consumer Protection (**MLR**), were also represented. To complete the round, **Alexander Buck**, Executive Director of IUFRO Headquarters, was also a member of the committee. All members equally contributed the benefit of their experience and knowledge to the task of steering congress organization, and we are most thankful of their commitment, support and conviction.

Throughout the planning and organization of this congress we had a very competent partner at our side in **Intercongress**, the Professional Congress Organizer. Their extensive experience and the systems they had in place supported the whole process from the beginning to the end. We are much indebted to them and thank the whole team for their excellent work and their enduring patience.



Figure 28: The team of Intercongress, the FVA Congress Organization Team and Alexander Buck in front of the Konzerthaus.

The task of congress organization required close collaboration with the **Chair of the Scientific Committee** and **IUFRO Headquarters** to ensure the congress framework could support their respective programs. It has been a very rewarding experience working closely with **Dr. Andrew Liebhold**, the Chair of the Scientific Committee, in the process of developing the scientific program. Moreover, the Organization Team was in constant contact with Alexander Buck and the team at IUFRO Headquarters; Renate Prüller, Astrid Tippel, Gerda Wolfrum, Brigitte Burger, Michael Kleine, Margareta Khorchidi and Eva-Maria Schimpf. We thank all for sharing their knowledge, thoughts, and for organizational and communication support. This group of people kept us on the right path towards developing a unique program fitting the IUFRO 125<sup>th</sup> Anniversary Congress, and we are extremely grateful to them all. In congress organization, answers to key questions were also sought from the past congress organizers, namely John Parrotta, Richard Guldin and Jennifer Hayes and we acknowledge their valued assistance.

We are very much indebted to the large number of **support staff and volunteers** who daily guided and assisted congress participants seeking orientation or general information. With their assistance we were confident that participants could find their way to any one of the buildings where sessions were held. Moreover, we especially thank the **employees at the Forest Research Institute** in Freiburg who were willing to help at the last minute, when our need was great, so that we had sufficient advisors on hand to answer questions when needed. Thank you to you all.

Once it became evident that the congress was more popular than we had anticipated, and we needed to increase dramatically our estimation of participation levels and revisit early planning decisions, we were very appreciative of the many intensive discussions which led to creative options and solutions. Collectively we thank all those involved, but particularly our contact persons at the *Konzerthaus* and **University of Freiburg** who advised us on options for expanding the congress venue to cope with the scientific sessions and many other logistical arrangements. In addition, private and university catering services rose to the challenge of catering for the large number of congress participants, and we thank them for their cooperation. In Freiburg, we also received much support in the private and public sectors in our considerations of the capacity of the city to host and accommodate participants, and on issues of participant mobility. With this advice, we could resolve these organizational aspects.

Many people dedicated their untiring energy to the congress entertainment program. Student societies, semiprofessional groups and professionals contributed their talents in wood carving, theater, dance and musical performances at the official ceremonies and receptions. **Freiburg City (FWTM)** also supported the congress, supervising a desk at the *Konzerthaus* to offer tourism information about the city, the Black Forest and the region. We extend our warm thanks to all those involved in creating a special atmosphere for the congress.

### **The Authors**



**Prof. Konstantin von Teuffel,** (Director of FVA)

Chair of the Congress Organizing Committee.



Helen Desmond, (Grad. Dip. Science in Forestry)

Responsible for the coordination, planning and organization of the congress scientific and support programs.



Janina Radny, (M.Sc. Forest Science and Forest Ecology)

Responsible for sponsoring, coordination of excursions, PR and Social Media. Team IT problem solver.



**Dr. Carol Großmann** (Wood Technology and Forest Science)

Responsible for the coordination of official events and NFZ.forstnet representation.

# **APPENDICES**



#### A1: COC Members

- Prof. Konstantin von Teuffel (Chair) Forest Research Institute Baden-Württemberg, Freiburg, Germany
- Kurt Amereller, Bavarian State Ministry for Food, Agriculture and Forestry (STMELF), Munich, Germany
- Alexander Buck, IUFRO Executive Director, Vienna, Austria
- Prof. Erwin Dreyer, National Institute for Agronomy Research (INRA), Nancy, France
- Prof. Meriem Fournier, Paris Institute of Technology for Life, Food and Environmental Sciences (AgroParisTech), Nancy, France
- Thomas Haußmann, German Federal Ministry of Food and Agriculture (BMEL), Bonn, Germany
- Prof. Dr. Jean-Pierre Jaquot, University of Lorraine, Nancy, France
- Dr. Chris Kettle, Federal Institute of Technology (ETH), Zurich, Switzerland
- Prof. Daniela Kleinschmit, University of Freiburg, Freiburg, Germany
- Dr. Peter Mayer, Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BFW), Vienna, Austria
- Dr. Jean-Luc Peyron, Public Interest Group on Forest Ecosystems (GIP ECOFOR) Paris, France
- Felix Reining, Ministry of Rural Affairs and Consumer Protection Baden-Württemberg (MLR), Stuttgart, Germany
- Prof. Andreas Rigling , Federal Institute for Forest, Snow and Landscape Research (WSL), Birmensdorf, Switzerland
- Sibylle Werner, Ministry of Rural Affairs and Consumer Protection Baden-Württemberg (MLR), Stuttgart, Germany

#### A2: CSC Members

- Dr. Andrew Liebhold (Chair), US Forest Service, USA
- Dr. Eckehard Brockerhoff (IUFRO D7 Coordinator), SCION Research, New Zealand
- Dr. Jean-Michel Carnus (IUFRO D8 Coordinator) INRA, France
- Prof. Woodam Chung (IUFRO D3 Coordinator)
  Oregon State University, USA
- Helen Desmond (COC liaison), Forest Research Institute Baden-Württemberg (FVA), Germany
- Prof. Yousry El-Kassaby (IUFRO D2 Coordinator)
  University of British Columbia, Canada
- Prof. Björn Hånell (IUFRO Vice President in charge of Divisions), Swedish University of Agricultural Sciences, Sweden
- Dr. Gerald Kändler, Forest Research Institute Baden-Württemberg (FVA), Germany
- Dr. Chris Kettle, Federal Institute of Technology (ETH), Zurich, Switzerland
- Prof. Daniela Kleinschmit (D9 Coordinator)
  University of Freiburg, Germany
- Prof. Pil Sun Park (IUFRO D1 Deputy)
  Seoul National University, Korea
- Dr. John Parrotta (IUFRO Vice President in charge of Task Forces), US Forest Service, USA
- Dr. Tod Ramsfield (IUFRO 7.03 Deputy)
  Canadian Forest Service, Canada
- Dr. Tuija Sievänen (IUFRO D6 Coordinator) Luonnonvarakeskus, Finland
- Dr. Andrew Wong (IUFRO D5 Deputy Coordinator), University Malaysia Sarawak, Malaysia
- Prof. Lidija Zadnik-Stirn (IUFRO D4 Deputy Coordinator), University of Ljubljana, Slovenia



**Figure 29:** Konstantin von Teuffel, Chair of the COC, and Andrew Liebhold, Chair of the CSC sitting on the IUFRO Anniversary bench.

#### **A3: Business Meetings**

- Division 3 Business Meeting
  Organizer: Prof. Woodam Chung
- Division 4 Business Meeting
  Organizer: Dr. Jean-Luc Peyron
- Division 6 Business Meeting
  Organizer: Prof. Tuija Sievänen
- Division 7 Business Meeting
  Organizer: Dr. Eckehard Brockerhoff
- Division 9 Business Meeting
  Organizer: Prof. Daniela Kleinschmit
- Meliaceae Working Party (IUFRO Working Group 1.02.04)
  Organizer: Dr. Sheila Ward
- Mountain Forest Management (Working Party 1.01.05) Business Meeting
  - Organizer: Prof. Pil Sun Park
- International Society of Tropical Foresters Business
  Meeting
  - Organizer: Dr. Sheila Ward
- Tropical Forest Datasets Networking Meeting
  Organizer: Dr. Sheila Ward

#### A4: Exhibition booths

- IUFRO
- NFZ.forestnet
- IUFRO World Congress 2019 Organizing Team
- Elsevier
- MDPI forests
- FSC Germany
- Federal Office for Agriculture and Food (BLE)









Figure 30: Impressions of the congress.

#### A5: Speakers at the Opening Ceremony

#### Words of Welcome:

- **Prof. Konstantin von Teuffel** Director of Forest Research Institution (FVA), Chair of the COC, Freiburg, Germany
- Prof. Michael J. Wingfield
  President of IUFRO, Forestry and Agricultural
  Biotechnology Institute (FABI) Pretoria, South
  Africa
- Friedlinde Gurr-Hirsch State Secretary, Stuttgart, Germany
- Georg Schirmbeck
  President of the German Forestry Council e.V., Berlin, Germany
- Dr. Marc Palhaí
  Director of European Forest Institute (EFI),
  Joensuu, Finland
- Alexander Buck
  Executive Director of IUFRO, Vienna, Austria

#### **Statement by the Federal Ministers:**

- Dr. Herman Onko Aeickens State Secretary at the Federal Ministry of Food and Agriculture, Berlin, Germany
- Marc Chardonnens
  Director of the Federal Office of the Environment (BAFU), Bern, Switzerland
  - **Dr. Johannes Schima** Deputy Director of the Forestry Department, Federal Ministry of Agriculture, Forestry, Environment and Water Management, Vienna, Austria

#### Arnaud Brizay

Attaché for Agriculture, French Embassy Berlin, Germany



Figure 31: The Opening Ceremony.

#### A6: Excursions

Title	Length	# of participants
Sounds of the night - Bats in a Forest Reserve	½ day	13
Research and Recreation: The Study Area Liliental	½ day	17
Ecosystem Study <i>Conventwald</i> : Forest Management Op- tions to improve Water Quality	½ day	18
Jewels of the Black Forest: Unmanaged Forests and Historical Villages	1 day	19
Management of Douglas Fir (Pseudotsuga menziesii)	1 day	15
Management of uneven-structured Mountain Mixed Fir Forests	1 day	30
Centennial of World War I in the Vosges Mountains: Visit of the <i>Hartmannswillerkopf</i> (Vieil Armand) and the Mountain Forests in the High Vosges	1 day	23
Wooded Pastures, Wild Forests, and Wine: A day in the Jura Mountains	1 day	35
Silvicycling	1 day	29
Biosphere Reserve Schwarzwald	1 day	18
The city forest of Freiburg: Urban Forestry between Black Forest and Rhine Valley	1 day	19
Ash Dieback in the Rhine Valley	1 day	8
Ecology and management of invasive species	2 days	28



**Figure 32:** A french forester during the excursion "Ecology and Management of Invasive Species". Photograph provided by H. Delb.

#### **A7: Testimonials**

(in chronological order)

- Prof. Michael Wingfield, IUFRO President
- **Prof. Konstantin von Teuffel**, Director of the FVA, Chair of the COC
- Dr. Andrew Liebhold, Chair of the CSC
- **Prof. Andreas Bolte**, Head of the Thünen Institute of Forest Ecosystems
- Lisa Prior, IFSA Liasion Officer IUFRO
- **Eva Müller,** Director Forestry Policy and Resources Division (FAO)
- **Dr. Manoel Sobral Filho**, Director of the UN Forum on Forests Secretariat
- Janice Burns, Junior Professional Officer IFSA/ IUFRO Joint Position
- Gerhard Mannsberger, Ministry of Agriculture and Forestry Austria
- Dr. Sandra Luque, Research Director at IRSTEA
- **Prof. Daniela Kleinschmit,** Chair of Forest and Environmental Policy, University of Freiburg
- **Dr. Mercy Afua Adutwumwaa Derkyi**, Acting Head Center for Climate Change and Gender Studies
- **Prof. Liu Shirong**, Vice President of the Chinese Academy of Forestry

- Maria Paula E. Sarigumba, UN FAO Regional Office for Asia and the Pacific
- Yasmeen Sands, U.S. Forest Service's Pacific Northwest Research Station
- Dr. Promode Kant, Director of the Institute of Green Economy
- Dr. John Parrotta, U.S. Forest Service's Research and Development
- Prof. Björn Hånell, Professor at the Department of
  Forest Ecology and Management, SLU
- **Dr. Lee Su See**, former Head of the Forest Health and Conservation Programme and Deputy Director of Biodiversity, Forest Research Institute Malaysia (FRIM)
- **Dr. Victor Teplyakov**, Institute of System Research of Forst, Moscow State Forest University
- **Prof. Erwin Dreyer**, President of INRA Grand Est-Nancy Centre
- **Dr. Yeda Maria Malheiros de Oliveira**, forester and researcher at Embrapa Forestry
- Alexander Buck, Executive Director IUFRO
- Helen Desmond, Dr. Carol Grossmann, Janina Radny, Congress Organization Team (FVA)
- **Prof. Walter Liese,** IUFRO President 1977-1981



•

•

Figure 33: Current and former (1977-1981) IUFRO Presidents, Prof. Michael Wingfield and Prof. Walter Liese.