



IUFRO-J NEWS

No. 68 (2000. 1) —

第38回ユフロ理事会（コペンハーゲン）報告

—次期ユフロ体制の概要—

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1. はじめに

第21回世界大会が2000年8月7日（月）～12日（土）の日程で、“Forests and Society: The Role of Research”をテーマに、マレーシアのクアラルンプールで開催される。フィンランド・タンペレで開催された第20回世界大会から早いもので5年が過ぎようとしている。タンペレ大会以降、ユフロ理事会はオーストリア・ウィーンとハンガリー・ソブロン（IUFRO-J NEWS No. 58）、南アフリカ・プレトリア（同No. 62）、イタリア・ローマ（同）、コスタリカ・トゥリアルバ（同No. 66）と毎年場所を移して開催され、いよいよ世界大会直前のデンマーク・コペンハーゲンでの理事会である。漸くバーレー会長の任期も終わりに近くなり、次期ユフロ体制の選出とマレーシア世界大会の準備が今回の大きな検討課題であった。

以下、1999年9月に開かれたコペンハーゲンでのユフロ理事会の概要を報告する。

2. PC委員会

例によって全体会議直前の9月7日と8日に Programme Committee（PC委員会）と Administration Committee がそれぞれ開かれた。会議場となった Skjoldenaesholm は、コペンハーゲンから西南に65 km ほどに位置する18世紀中頃の荘園領主の別荘である。結婚式や会合に利用されるというこのホテルは、最も近いロスキレの町まで十数キロあって孤立しており、

朝晩の散歩には格好の場所で、湖あり、丘あり、ゴルフコースありと、その自然は美しい。（写真-1）

PC委員会のおもな議題は、各部門の2001-2005年体制の選出と世界大会プログラムの検討であった。

各部門（Division）における新たな体制の選出は、部門コーディネーター（Division Coordinator）が評議会（IC: International Council）で選出され、部門で推薦された副コーディネーターが理事会で任命される。また、Research Group（RG）の正副コーディネーターはRGの提案に基づいて理事会で承認され、Working Party（WP）の正副コーディネーターは部門コーディネーターの承認を得た後にRGコーディネーターによって任命される、という手順をふむ。実際には、部門コーディネーター候補については昨年からの推薦委員会（Nominations Committee）で検討されていて、今回初めて全体会議に諮られることになった。

世界大会プログラムについては、大会開催中 Plenary Sessions が毎日企画されていて、5日間の講演者5名の選定、Sub-plenary Sessions の20名の選定、さらにサブテーマA～E（A: Sustainable Management of Natural Resources（A1-A6）、B: Forests and Society's Needs（B1-B4）、C: Changes in Environment and Society（C1-C4）、D: Cultural Diversity in Forest Management（D1-D2）、E: The Global Vision of Forest and Society（E1-E3））の合計20セッションの企画などについての検討である。これらの細部については、すでに CSC 委員会（Congress Scientific Com-



写真-1 委員会の開かれたホテル前早朝、全体会議に臨むユフロ・ファミリー（1999. 9. 10.）最前列左から5・6人目がパーレー会長夫妻

mittee) で検討済みであり、Group Sessions 数 105, と申し込み数 2,120 という講演の取り扱いなどが報告された。なかでも、今回の世界大会における日本からの講演申し込み数は 146 にのぼり、ユフロへの貢献度が高く評価された。ポスターセッションは、8月8日(火)と9日(水)の2日間、1,000ポスターが同時に展示可能な会場で行われる。

このような講演申し込みは既に締め切られているが、是非というのであれば部門コーディネーターとご相談きたい、というコメントが披露された。すなわち、講演申し込みの締め切りは公式には1999年10月31日であるが、非公式には2000年3月31日が予定されている。2000年1月31日がreviewerによる提出原稿のコメント期限であるため、実際には時間的なゆとりがあるのである。

3. 第38回理事会

全体会議が9月10日と11日の2日間の日程で、場所をコペンハーゲンのEigtveds Store Houseに移して行われた。主要な議題は、ユフロ事務局体制、次期ユフロ体制、マレーシア世界大会である。

ユフロ事務局体制については、事務局とSPDC (Special Programme for Developing Countries) がレビューされて様々な意見やレポートが出された。現在のユフロの体制は、最高決議機関として各国を代表する評議員から構成される評議会をもち、執行機関として理事会があり、4つの委員会(PPC委員会(The Policy and

Planning Committee; 会長、副会長、事務局長、会計理事、その他1名の理事から構成される)、PC委員会、AC委員会、The Honours and Awards Committee)と特別委員会がユフロの執行体制を支えている。レビューの結果、事務局については今後ともオーストリア政府の支援を受けてウィーンとすることとなったが、最高決議機関である評議会の役割について意見が分かれた。評議会はユフロの最高決議機関(IC is most important)であり部門がユフロの中核(Division is the heart of IUFRO)であるとするサレー前会長の意見と、評議会は機能していないとするレビューアーやヨーロッパ委員の意見が対立し、その結果、事務局にexecutive secretaryを置き、その資金はIUFRO fund以外から調達することが提案された。このような議論は、事前に事情を知らされていなければ著しく分かりにくい。評議会の役割については、次回の理事会において会長提案を行うことが検討されている。

次期ユフロ体制は、まず会長候補としてRista Seppälä(現副会長、フィンランド)が推薦され採決された。次に、2名の副会長枠に3名の候補者が提案され、投票の結果、Eric Teissier du Cros (Vice-President "Science", 現第2部門コーディネーター、フランス)とDon Lee (Vice-President "Policy", 現会長指名理事、韓国)が選ばれた。従来ならば投票に持ち込まれない推薦がこのような結果となったことは、ユフロ体制にバランスを配慮した人事を提案したサレー氏(推薦委員会委員長(前会長))の意見と、ヨーロッパ委員の意見が一致

をみなかったためと漏れ伝え聞いた。

部会長には次の人々が推薦された。Div. 1 Lisa Sennerby-Forsse (Sweden), Div. 2 Ladislav Paule (Slovakia), Div. 3 Dennis Dykstra (USA), Div. 4 Klaus von Gadow (Germany), Div. 5 Cathy Wang (Taiwan), Div. 6 Niels Elers Koch (Denmark), Div. 7 Kazuo Suzuki (Japan), Div. 8. Alain Franc (France)

理事会のメンバーには、さらに9名の地域(Northern Europe, Central Europe, Eastern Europe, Mediterranean, Northern America, Middle & South America, Africa, Asia, Western Pacific)を代表する理事と4名までの会長指名理事が加わっていたが、今回この内規が見直されて、scientific, geographic, gender and other possible balancesを考慮して理事会が10名以下の理事を推薦することとなった。

いずれの推薦も世界大会時における最高議決機関の評議会で正式に諮られることになる。

早朝、ホテルからコペンハーゲンの港町を歩いて理事会会場に向く折りに、偶然リーゼ元会長(ハンブルグ大学名誉教授)と一緒に。挨拶するとすぐに、1981年の「明日の森林は今日の研究から」をテーマに行われた京都大会の話に始まり、皇太子殿下・妃殿下(現天皇・皇后両陛下)と交わされた会話、日本での大歓迎の話など、とどまることを知らない。会場に着いてからも、現在研究されている竹の著書を取り出して説明され、専門が森林植物学であることを初めて知った。すこぶる意気軒昂であることを羨ましく感心させられた。



写真-2 フォルター・リーゼ元会長と理事会会場で (1999. 9. 11.)

(写真-2)

理事会の議事日程がすべて終わると、最終日はデンマーク森林・景観研究所主催でお別れ会が開かれた。鹿の肉のバーベキューなどを手に寸劇を楽しんで夜11時頃に帰路についた。この日が夏のチボリ公園の最後という。深夜12時を合図に短かった夏を惜しむかのように花火が次々と打ち上げられた。

4. おわりに

従来、理事会開催には同伴夫人もかなり大勢の参加であったが、ヨーロッパの人々にはアンデルセンの人魚姫もシェークスピアのハムレットも馴染みが深いのか、心なし少なかった。それでも、ご夫人達は理事会を重ねる度に意気投合して、女性の理事会メンバーも巻き込んで、すっかり楽しく過ごしているようである。(写真-3)

今回は、私の誕生日前に理事会日程が終了する。会議中に何も言わなくてもよいと思っていたところ、Risto SeppäläとKazuo Suzukiが誕生日を迎えるとのバーレー会長の紹介に、結局理事会の度に祝福されて恐縮の至りである。

マレーシアの次の世界大会は、2005年にオーストラリア・ブリスベンで開催される。



写真-3 デンマーク・ユトランド半島Ravning Bridgeのエクスカッションで (1999. 9. 9.) 左プラットフォーム上Div. 1コーディネーターLisa Sennerby-Forsse, 右隣へBurley会長夫人, Div. 4コーディネーターKlaus Gadow夫人, Heinrich Schmutzenhofer事務局長夫人, Jacob Whitmore副会長夫人など

第21回 IUFRO 世界大会プログラム

—サブプレナリーセッション・グループセッション—

現在大会事務局から発表されているサブプレナリーセッションおよびグループセッションのプログラムの概要を掲載します。紙面の都合上グループセッションの発表者と発表タイトルは省略いたしました。詳しくは IUFRO NEWS No. 4, 1999 または IUFRO のホームページ (<http://iufro.boku.ac.at/infro/congress/>) から IUFRO NEWS No. 4, 1999 と付録のプログラムの PDF 形式のファイルをダウンロードするか Congress Scientific Committee のページ (<http://iufro.boku.ac.at/infro/congress/csc>) をご参照ください。また本件に関するご質問は J 事務局までご照会ください。

(IUFRO-J 事務局)

サブプレナリーセッション・プログラム

Day Time	Session	Topic Authors. Paper title	Coordinators	Room
Mo 7 14:00-16:15	A1	Sustainable management of natural resources. Water and forests. 1. Robert A. Vertessy, Peter J. Dye. Effects of forest cover on catchment water balances and runoff dynamics. 2. Helmut E. Elsenbeer, Roy C. Sidle. Runoff generation and water chemistry in key forested environments. 3. Roy C. Sidle, Andrew Lo. Effects of forestry activities on surface erosion and slope stability. 4. Jacky Croke, Peter Hairsine. Sediment routing from source to stream in managed forestry environments. 5. Sampurno Bruijnzeel, Harold Grip. Hydrological function of tropical forests and their responses to disturbance. 6. Todd Dawson. Advances in understanding forest hydrological processes from the application of stable isotope methodology. 7. Fred G. R. Watson, Lawrence E. Band, Lars L. Pierce. Hydro-ecological modelling of the impacts of environmental change on forested ecosystems at the watershed scale.	Rob Vertessy Pjotr Kowalik	PH2
Mo 7 14:00-16:15	A6	Sustainable management of natural resources. Criteria and indicators for sustainable forest management. A perspective at the level of forest management unit. 1. M. N. Salleh, C. L. Ong, S. P. Tay. Sustainable forest management by the private sector in Malaysia. 2. D. Flinn, J. Raison. Fostering stakeholder input to advanced development of scientifically based indicators. 3. B. Finegan, J. J. Arce Campos. A neotropic perspective. 4. Alain Franc, D. Flinn, D. Dykstra. Fostering science input to advanced development of indicators for managers. 5. D. Dykstra. Revising forest policy at the World Bank : a contribution to forest sustainable management?	Alain Franc Dennis Dykstra	PH3
Mo 7 14:00-16:15	B3	Forests and society needs. Services 1. Tuija Sievanen, Sjerp de Vries, Gianfranco Scrinzi, Antonio Floris. The recreational functions of European forests 2. H. Kenneth Cordell, Perry Brown, James Burchfield. Social functions of North American forests 3. Taichi Ito, Seong-Il Kim, Jenny Lai Ping Wong. Amenity resources and other services of Asian forests	Perry Brown Tuija Sievänen	PH4

Mo 7 14:00-16:15	C1	Changes in environment and society. Environment change and forests 1. T. Karjalainen, M. Apps. Carbon sequestration in the global forest sector. 2. David Brand. The combined challenge of forestry and terrestrial carbon management. 3. Florencia Montagnini. Perspectives for environmentally friendly management systems in tropical forestry. 4. Bov B. Eav, Richard A. Birdsey, Linda S. Heath. The Kyoto protocol and forestry practices in the US.	Bryce Stokes John Innes	PH 5
Tu 8 10:00-12:30	A2	Sustainable management of natural resources. Fire and forests 1. Johann G. Goldammer. The fire and smoke episode of 1997- 98 in south-east Asia: implications on regional and global fire research programmes. 2. Adriana G. Moreira, Daniel C. Nepstad. Forest fires in tropical America: challenges for research. 3. Brian J. Stocks, Susan G. Conard. Forest fire research in north America and Russia. Past accomplishments and future trends 4. Ertugrul Bilgili, Johann G. Goldammer. Fire in the Mediterranean basin: towards an interdisciplinary science programme Posters. Fire, weather and behaviour 1. Bulent Saglam, Ertugrul Bilgili. Fire occurrence in relation to weather conditions 2. Ronaldo Viana Soares, Otavio Bezerra Sampaio. Performance of the Monte Alegre formula on fire danger evaluation in different regions of Brazil 3. Shoji Inoue. An analysis of forest fire behaviour based on estimation of wind direction and wind velocity at the time of the fire 4. A. P. Sapozhnikov. About necessity of new approach to pyrological estimation of forests 5. A. V. Volokitina, L. Ph. Nozhenkova, M. A. Sofronov, D. I. Nazimova. Prognosis of emergency situations under wildland fires Posters. Fire effects, ecology and country profiles 1. K. Owusu-Afriyie, Joshua Ayarkwa. Seedling survival, mortality and regeneration after fire in a tropical high forest in Ghana 2. Ranjith B. Mapa. Effect of fire on soil properties in pine and natural forest in Sri Lanka 3. Mathew, P. Rugmini, C. F. Binoy. Impact of fire on forest insect species diversity: a study in the Silent Valley National Park, India 4. André M. Tandjekpon. Influence des feux de brousse sur la dynamique des forêts sèches. Cas des formations forestières dégradées du Nord-Bénin 5. H. H. Liwangsa, N. Hajimasrie, Z. Saridi. Forest plantation fire: the SAFODA experience (Sabah Forestry Development Authority). 6. Ronaldo Viana Soares. Wildfire occurrence in a forest district and other Brazilian protected areas 7. Daniel Otu. Natural regeneration of <i>Tectona grandis</i> and <i>Gemlina arborea</i> after fire in Ikrogon Forest reserve, Cross River State, Nigeria 8. Yamaguchi Tsunashi, Tsuyuki Satoshi, H. Siswanto, Y. Ruslim. Assessment of forest fire impacts in East Kalimantan using satellite remotely sensed data	Johann Goldammer Brian J. Stocks	PH 5 (250) 17 posters

		9. Angelo M. Carvalho Oliveira, Jaime Sales Luis. Growth and development of a maritime pine stand after fire. 10. I. D. Pande, S. Pande. Sustainable management of natural resources. 11. A. Surep. Monitoring and assessing forest fires using NOAA-AVHRR data with special emphasis on Borneo. 12. E. S. Arzybashev. Forest fires in Russia		
Tu 8 10:00-12:30	A 7	Sustainable management of natural resources. Role of forestry in landscape rehabilitation 1. Nik Muhamad Ab. Majid. The role of forestry in landscape rehabilitation. The Malaysian experience. 2. Florencia Montagnini. Strategies for the recovery of biodiversity in deforested landscapes 3. Ruediger Detsch and Ulrich Ammer. Multifunctional rehabilitation of Forests in Central Europe 4. Reinhard Lassig. Restoration of wind-thrown forests and its protective function in mountain regions 5. Liisa Tyrvaainen and Liisa Tahvanainen. Landscape visualisation in rural land-use planning	David Lamb Ulrike Proebstl	PH 3
Tu 8 10:00-12:30	B 1	Forests and society needs. Wood products 1. William F. Hyde. The economic and social value of plantation wood. 2. Don K. Lee. Plantations for fuelwood production 3. Jim L. Bowyer. Plantation grown wood and the environment. 4. Jim Ball. A world view of plantation grown wood.	Bob Youngs John Youngquist	PH 4
Tu 8 10:00-12:30	C 2	Changes in environment and society. Societal change and forests. 1. Ingrid Kissling-Naef, Max Krott, New public management and the change of forest institutions 2. Dave Humphreys, The dynamics of international forest regimes by the example of the Intergovernmental Forum on Forests 3. Paul V. Ellefson, Robert J. Moulton, Michael A. Kilgore, Institutional response to fragmentation of public programs focused on forest resources: experiences of State Governments in the United States 4. Freerk Wiersum, Forest Policy development between globalisation and localisation 5. Pentti Hakkila, Changes in forest work in the Nordic Countries 6. Elias Apud, Sergio Valdes. Ergonomic research in developing countries as a contribution to increase productivity and social development.	Max Krott Frits Staudt	PH 2
We 9 10:00-12:30	A 5	Sustainable management of natural resources. Sustainable forest management and productivity 1. John Youngquist. World timber resources and processing facilities 2. Klaus von Gadow. Principles of sustainability control 3. S. Appanah, K. D. Baskaran, J. M. Dahlan. Sustainable forest production in the humid tropics of South-East Asia. Sustainable forest production in the humid tropics of South-East Asia 4. J. Puumalainen. Sustainability of raw material supply. Research perspectives of a multinational forestry corporation Discussion Paper presentation continues 1. S. C. Chen. Sustainable timber supply. A government perspective.	Klaus von Gadow John Youngquist	PH 2 (250) 1 poster

		2. W. K. Lee. Sustainability of raw material supply in Asia. 3. R. Haynes, J. Stevens, J. Barbour. Criteria and indicators for sustainable forest management 4. R. Davis, R. Paivinen. Forest Resources Assessment 2000 Poster Sen Wang. The determinants of silvicultural investment in British Columbia. An economic and policy perspective		
We 9 10:00-12:30	B2	Forests and society needs. Non-wood products (NWP) 1. Abdul Latif Mohmod, NWP oriented need-based sustainable forest management: implementation mechanism. 2. James L. Chamberlain, Robert Bush, A.L. Hammett, An eastern United States perspective of issues affecting the management of public forests for non-timber products 3. Devi Tewari, Hiccups for inequitable distribution of profits for NWP and remedies. 4. Ana Doris Capistrano, NWP based enterprises for community development.	Cathy Wang Dr Shiva Dr Shankar	PH3
We 9 10:00-12:30	C4	Changes in environment and society. Forest chronosequences: a tool for assessing long term sustainability 1. Jean Paul Lacroix, Jacques Ranger. Budgets of water and nutrients for a eucalypt rotation in Congo. 2. Klaus Katzensteiner. Nutrient cycling in a chronosequence of Norway spruce (<i>Picea abies</i> Karst.) on shallow calcareous soils in the Northern limestone Alps (Austria). 3. Wolfgang Schaaf. Chronosequence studies of forest ecosystem development on post-lignite mining sites 4. Hillevi Eriksson, Kaj Rosen, Anita Lundmark-Thelin. Runoff chemistry during pre- and post harvest phases in a representative Scandinavian forest. 5. Etienne Dambrine, Jacques Ranger, C. Nys. Variations in nutrient cycling in forest chronosequences. Indicators of forest sustainability.	Alain Franc Jose J. Arce Campos Jacques Ranger Etienne Dambrine	PH4
We 9 10:00-12:30	E1	The global vision of forests and society. Interaction between forest science and forest policy 1. Robert Lewis, Jr. The role of science in forest policy development 2. Rosalba Ortiz, Jose J. Arce Campos. Decision making mechanisms applied to the payment of environmental services. A case study for forest ecosystems in Costa Rica 3. Gay A. Bradshaw. Uncertainty as information. Narrowing the science-policy gap 4. August Temu. Forest science influencing forest policy in Africa 5. Eeva Hellstrom. Forest discussion forums as modern policy means. Bridging research, practice and policy making	Niels Elers Koch Birger Solberg	PH5
Fr 11 10:00-12:30	A4	Sustainable management of natural resources. Impact of forest pests and air pollution on forest sustainability 1. Bill Mattson. Insects. 2. Kazuo Suzuki. Pine wilt disease. 3. K. Percy, D. Karnosky, J. Innes. Potential roles of global change in forest health during the 21st century. 4. M. B. Awang, A. M. Abdullah, M. N. Hassan and M. K. Yusof. Smoke emissions from 1997 forest fire in Southeast Asia. 5. Mike Wingfield. Forest pathogens, forests and society	David Karnosky John Innes	PH2

Fr 11 10:00-12:30	B4	Forests and society needs. Evaluation of technologies for society needs 1. Hans R. Heinimann. Sustainable development. Transferring the concept to the levels of operations and technology 2. Antti Peltola. Technological advance. Autonomous systems as a basis of future forest operations technology 3. Pertti Harstela. Strategies to choose the level of technology 4. Junia Rodriguez de Alencar A. Casimiro Herruzo, V. A. Hoefflich, E. Batista de Oliveira. Economic evaluation of technology management in the forest sector 5. Staffan Berg. Environmental performance. From good feelings to hard facts 6. Olli Eeronheimo. The role of wood procurement and quality management 7. Wilbard Abeli. Human factors development. A developing countries perspective	Hans Heinimann Loren Kellogg	PH 3 (250) Posters in the room
Fr 11 10:00-12:30	D1	Cultural diversity in forest management. Agroforestry 1. Markus Walsh, Keith Shepherd, Richard Coe. Advances in decision support for targeting agroforestry interventions in landscapes. 2. Jerry Vancley, Robert Muetzelfeldt, Francois Bousquet. FLORES: Helping people to realise sustainable futures 3. F Bousquet, C Le Page, M Antona and P Guizol. Scaling household decisions to explain community use of trees and their environmental impacts. 4. Peter Thorne, Fergus L Sinclair, Daniel H Walker. The interactive role of fodder trees in hillside landscapes. Using fuzzy sets to combine farmers' knowledge with science. 5. Tony Simons or nominee. The future for trees is on farms. Tree domestication in Africa. 6. Daniel Auclair et al. Trees on farms in industrialised countries. Silvicultural, environmental and economic issues. Or "Trees on farms in Europe. Silvicultural, environmental and economic issues" 7. John Beer, A Schlönvoigt, M Ibrahim. Timber production in tropical agroforestry systems of Latin America. Or "Shade trees amongst perennial crops. The national and regional importance of the timber resource" 8. Celia Harvey et al. The importance of trees retained on pastures for local and regional biodiversity.	Fergus Sinclair Prem Khosla	PH 4
Fr 11 10:00-12:30	E2	The global vision of forests and society. Networking and international cooperation 1. Ruben Guevara, John Beer. Priority themes in Tropical America for agricultural/forestry development. Importance of networking. 2. Glenn Galloway. Operational networking. An executive mechanism to promote tropical forest management. 3. Timo Tahvanainen, Paavo Pelkonen. Global expertise for solving local problems. Web based distance learning technology in transferring know-how and constructing expert networks. 4. Lauri Valsta, Alois Kempf, Luis Ugalde Arias. IUFRO's new era of scientist communication. 5. Manoel Sobral Filho. ITTO initiatives for networking in forestry. 6. C. T. S. Nair, O. Souvannavong. FAO initiatives for networking in forestry.	Lauri Valsta Ruben Guevara	PH 5

Sa 12 10:00-12:30	A3	Sustainable management of natural resources. Management and conservation of forest gene resources 1. George L. Peterson. Management and conservation of forest gene resources: social and economic considerations 2. Hosny El-Lakany. International action in the management of forest genetic resources: status and challenges. 3. Outi Savolainen. Guidelines for gene conservation from the viewpoint of population genetics. 4. Per Stahl, V. Koski. Impacts of silviculture and forest management on genetic diversity 5. Abdou-Salam Ouedraogo. In situ conservation, genetic management and sustainable use of tropical forests 6. David F. Karnosky. Impacts of air pollution and climate change on forest tree populations.	Veikko Koski	PH 2
Sa 12 10:00-12:30	C3	Changes in environment and society. Interaction between environment and urban society 1. Kjell Nilsson. Introduction 2. John F. Dwyer, Gina M. Childs. Forestry in urban and urbanising areas. 3. Cecil C. Konijnendijk. The urbanisation of forestry. Towards better incorporation of urban values into a once rural profession. 4. Miyan R. Ahmed. Urban Social Forestry Programme (USFP) development and management. Greening our city through community participation 5. John Loomis. How do people love their forests. Let me count the ways 6. Sjerp de Vries. Regional differences in the demand for and supply of nature-based recreation within the Netherlands. 7. Elery Hamilton-Smith. Recreational in Tasmanian forests. Long term trends in recreational and related visits.	John Dwyer Kjell Nilsson	PH 3
Sa 12 10:00-12:30	D2	Cultural diversity in forest management. Forests in sustainable mountain development 1. Martin F. Price. Why are mountain forests important for sustainable development? 2. Peter Brang. Resistance and resilience. Useful concepts in the sustainable management of mountain forest ecosystems. 3. Atul & Rameshwar. Indigenous agroforestry technologies for sustainable Himachal Himalayan development 4. Ming-Jen. Lee. Forest and mountain development in Taiwan. 5. Andreas Ottitsch, Gerhard Weiss. Comparative analysis of mountain forest policies in Europe	Martin Price Don Lee	PH 4
Sa 12 10:00-12:30	E3	The global vision of forests and society. Regional scenarios in management of forest resources in the tropics 1. Markku Kanninen. Introductory 2. M. A. A. Razak: Southeast Asia. 3. Ronnie Camino: Latin America 4. Stephen Dada. Forest resources management in Africa. Evaluation, achievements, challenges and future.	Cathy Wang Cesar Sabogal	PH 5

グループセッション・プログラム

Day, Time	Unit	Topic	Coordinators	Room size	Room Equipt
Group sessions					
Mo 7, 16:30-18:00	1.09.00	Short-rotation forestry for biomass production	Lars Christersson	< 100	
"	1.15.00	Agroforestry	Fergus Sinclair Sara Scherr	< 100	
"	1.17.01	Rehabilitation of mined lands (I)	Reinhard Hüttl	< 100	
"	2.02.00 2.08.00	Future of breeding and plantations in a sustainability-oriented world (I)	Csaba Matyas	100	
"	2.09.00	Seed physiology and technology.	George Edwards	50	
"	4.02.00 4.11.00	Forest resources assessment 2000	Risto Paivinen Robert Davis	400	
"	4.01.04	Using models for forest growth and stand dynamics to evaluate sustainability (I)	Margarida Tomé	100	
"	5.01.00	Wood quality	John Phelps		
"	5.02.00	Timber engineering	Preben Hoffmayer		
"	5.03.00	Protection of wood from decay and fire	Robert White (Susan Le Van)		
"	6.12.03	Sustainable land use as precondition for sustainable forestry	Hans Essmann	70	
"	6.16.00	Examples of forest sector issues	Richard Haynes	70	
"	7.03.03	Insect pest problems in replanted forests (I: Part II on Wednesday 9)	Keith Day Scott Salom		
"	8.01.00	Ecosystems	Emil Klimo Folke Anderson	100	
"	8.06.00	Wildlife	Vinod B. Mathur	100	
"	8.09.00	Human impacts on tropical rain forests with long term view	Makoto Tani Fukuyama	PH 2	
"	TF 1	Environmental Change.	John Innes	80	
"	TF 3	Sustainable forest management. Panel discussion: C. Buchanan, Peter Meyer	Alain Franc FAO	200	
Mo 7, 16:30-18:00	TF 8	Interface between forest science and policy making.	Richard Guldin		
Poster/panel discussions					
Tu 8, 14:00-16:15	8.05.00	Forest fires (II). Southeast Asia	Brian Stocks Johann Goldammer	PH 5	17 posters
Group sessions					
Tu 8, 16:30-18:15	1.17.01	Rehabilitation of mined lands (II)	Reinhard Hüttl	< 100	
"	1.07.09	Silviculture in Latin America	Gonzalo de Las Salas	< 100	
"	2.02.00 2.08.00	Future of breeding and plantations in a sustainability-oriented world (II)	Csaba Matyas		

Tu 8, 16:30-18:15	2.04.01	Conservation and management of forest gene resources.	Scott Schlarbaum	80	
"	3.02.00	Effects of nursery and silvicultural operations on the environment and society	Mike Menzies, Dag Fjeld, Ken McNabb	50	
"	3.10.00	Harvesting, wood delivery and utilisation (I)	Loren Kellogg, Daniel Guimier, Sigurd Ole Rudd	100	
Tu 8, 19:30-22:00	4.01.03	Planning of long-term observations	Alan Thomson Andreas Zingg Michael Kohl		
Tu 8, 16:30-18:15	4.01.08	Environmental effects on forest growth and stand dynamics. RECOGNITION = European Union project	Heinrich Spiecker	150	
"	4.01.00 4.02.00 1.07.00	Using growth models for better forest management in the tropics	J. P. Skovsgaard Jerry Vanclay	150	
"	4.02.05	Remote sensing and forest monitoring	Tomasz Zawila		
"	5.04.00	Wood processing into the next millenium	Howard Rosen		
"	5.05.00	Composite and reconstituted products	David Plackett		
"	5.06.00	Properties and utilisation of tropical woods	L. T. Hong		
"	6.01.00	Integration of nature-based recreation and tourism with sustainable use of natural resources	Tuija Sievanen	70	
"	6.06.00	Research driven by scientists' wish or society's demand?	Denver Burns	70	
Tu 8, 16:30-18:15	6.11.01	Poverty and management of forest resources	Alain Bertrand	70	
"	6.14.00	Urban forestry	Kjell Nilsson	70	
"	8.02.00	Site (I)	James Boyle C. Tattersall Smith		
"	8.05.00	Forest fire (II). South-east Asia and other tropical regions	Brian Stocks Johann Goldammer	PH 5	17 posters
"	8.07.00	Biodiversity	Francisco Dallmeier Alex Mossler	100	
"	8.08.00	Forest and climate	G. Scarascia-Mugnozza Deying Xu	100	
"	TF 6	Internet Resources (IUFRO Net).	Lauri Valsta		
Business/satellite meetings					
Tu 8, 19:30-22:00	1.00.00	Business meeting	Lisa Sennerby-Forsse John Parrotta Menachem Sachs		
"	2.02.23	Business meeting	Jusheng Hong		
"	2.08.05	Business meeting	Kim Steiner		
"	2.09.00	Business meeting	George Edwards		

Tu 8, 19:30-22:00	3.00.00	Divisional meeting. Presentation of awards and election of officers for 2001-2005 Divisional workshop. Possible restructuring of Division 3	Dennis Dykstra, William Cordero, Hans R. Heinemann, Esko Mikkonen, Loren Kellogg.	200	
"	4.02.00	Business meeting	Gyde Lund Risto Paivinen		
"	4.04.00	Business meeting	John Innes		
"	5.00.00	Business meeting	John Youngquist Cathy Wang		
"	6.12.00	Business meeting	Ilpo Tikkanen	70	
"	6.13.00	Business meeting	Franz Schmithusen	70	
"	6.15.00	Business meeting	Siegfried Lewark	70	
Tu 8, 19:30-22:00	6.16.00	Business meeting	Richard Haynes	70	
"	6.17.00	Business meeting	Per Olov Nilsson	70	
"	7.00.00	Business Meeting	David Karnosky		
"	8.01.03	Business meeting	Tom Crow	25	
"	8.03.00	Business meeting	Barry Fahey	100	
"	TF 3	Business session	Alain Franc		
"	CIFOR	The future of tropical forestry research	Jeff Sayer Michael Hailu	200	LCD Overh.
"	IFS	Satellite meeting	Sabine Bruns Per Ekman		
"	APAFRI	Satellite meeting	Mohd Nor Salleh Kamir Awang	50	
"	ITTO	Satellite meeting	Efransjah		
"	ISTS	Satellite meeting. Indian Society of Tree Scientists	Prem Khosla Ravinder Kohli	100	
Poster/panel discussions					
We 9, 14:00-16:15	1.09.00	Short-rotation forestry for biomass production.	Lars Christersson	PH 2 250	10 posters
Wednesday 9 14:00-16:15	1.17.03	Tropical forest restoration. Poster Panel Discussion (I)	David Lamb K. K. N. Nair	PH 4 250	7 posters
"	8.05.00	Forest fire (III). Temperate and boreal forests. General discussion Susan G. Conard, Brian J. Stocks. Fire in temperate and boreal forests. Global change, fire management, and sustainability	Brian Stocks Johann Goldammer	PH 5	17 posters
Group sessions					
We 9, 16:30-18:15	1.17.03	Tropical forest restoration. Poster/panel discussion (II)	David Lamb K. K. N. Nair	PH 4 250	7 posters
"	2.01.00	Physiology of tropical and temperate trees	Bob Luxmoore	80	
"	2.01.17	Vegetative propagation	Olivier Monteuiis	50	
"	2.10.00	Legislation on forest reproductive material. Panel discussion	Hans Muhs	100	

We 9, 16:30-18:15	3.05.00	Forest operations in the tropics	Bryce Stokes, Froylan Castaneda, Elias	50	
"	3.07.00	Ergonomics (I)	Frits Staudt, John Garland, Marjan Lipoglavsek	100	
"	4.02.00	Tree resources outside forests	August Temu	150	
"	4.04.00	Advances in combining productivity and sustainability in forest management (I)	Lauri Valsta	150	
"	4.04.02 4.13.00	Sustainable forest management under conditions of growing global pressures	Hans Jobstl Maurizio Merlo	150	
"	5.07.00	Energy and chemicals from forest biomass	Paul Fung Mike Connor		
"	5.08.00	Production and utilization of bamboo and related species. Challenges for the new millennium	Abdul Latif Mohmod		
"	5.09.00	Tree ring analysis	Rupert Wimmer		
"	6.06.02	How are innovations applied in sustainable forestry	Cynthia L. Miner	70	
We 9, 14:00-16:15	6.07.00	Tropical forest history	Elisabeth Johann	50	
We 9, 16:30-18:15	6.03.02	Forest terminology: living expert knowledge. How to get society to understand forest terminology.	Michele Kaennel- Dobbertin Renate Pruller	PH 3	LCD+2 poster panels
"	7.02.10	Epidemic factors of pine wilt	Kazuyochi Futai Kazuo Suzuki		
"	7.03.03	Insect pest problems in replanted forests (II)	Keith Day Scott Salom		
"	7.03.07	Biological invasions as agents of global change. Part I, Ecology	Hugh Evans		
"	8.00.00	Review and perspective of Research Groups	Kyoji Sassa	PH 3	20 posters
"	TF 3	Criteria and indicators for sustainable forest management. A tropical perspective at the stand level	Alain Franc Dennis Dykstra or David Flinn	100	
"	TF 7	Global Forest Information Service	Risto Paivinen		
Business/satellite meetings					
We 9, 19:30-22:00	2.02.15	Business meeting	Scott Schlarbaum		
"	2.08.00	Business meeting	Huoran Wang		
"	3.02.00	Business meeting	Mike Menzies	50	
"	3.04.00	Business meeting	Esko Mikkonen	50	
"	3.07.00	Business meeting	Frits Stauds	50	
"	3.10.00	Business meeting	Loren Kellogg	100	
"	4.00.00	Business meeting	Klaus von Gadow	100	
"	5.01.00	Business meeting	John Phelps		
"	5.02.00	Business meeting	Preben Hoffmeyer		
"	5.03.00	Business meeting	Susan Le Van		

We 9, 19:30-22:00	5.04.00	Business meeting	Howard Rosen		
"	5.05.00	Business meeting	David Plackett		
"	5.06.00	Business meeting	L. T. Hong		
"	6.01.00	Business meeting	Tuija Sievanen	70	
"	6.03.00	Business meeting	Alois Kempf	70	
"	6.06.00	Business meeting	Denver Burns	70	
"	6.07.00	Business meeting	Elizabeth Johann	70	
"	6.11.00	Business meeting (would like 4 small room for breaking up the meeting)	Harold F. Kaiser	100	
"	8.00.00	Environment forest science in the 21 st Century. Panel Discussion and business meeting	Kyoji Sassa	PH 3 250	20 posters
"	AFORNET	Business meeting	Peter Wood	50	
"	WFSE	Satellite meeting. World Forests, Society and Environment	Matti Palo		
We 9, 19:30-22:00	W&F	Satellite meeting. Women and Forestry. Preparation of the Friday session	Ann-Merete Furuberg-Gjedtjernet Gun Lidestav Dianne Wasterlund		
Group sessions					
Fr 11, 14:30-16:15	1.07.00 1.15.00 1.17.00	International markets for carbon sequestration from tropical forests. Panel discussion	Sara Scherr	100-150	
"	1.07.17	International Working Group on Diptero-carps	Gema Maury-Lechon B. Kamaluddin	< 100	
"	2.02.00 2.08.00	Genetic improvement	Khongsak Pinyopusarerk	50	
"	3.06.00	Forest operations under mountainous conditions	Hans R. Heinemann, Willbard S. Abeli, John Sessions, Stanislav Sever	100	
"	3.08.00	Small-scale forestry	Pentti Hyttinen, Yoshinao Murashima, Hans-Ulrich Sinner		
"	4.02.00 4.11.00	Design of small and large scale multipurpose forest inventories	Michael Kohl Gyde Lund	150	
"	4.02.03 4.02.06	Update calibration and enhancement of forest inventories through the inclusion of remotely sensed data (I)	Steen Magnussen Chris Brack	200	
"	4.12.00	Integration of GIS and remote sensing for assessment of forests and landscapes (I)	Barbara Koch Mathias Schardt, Dr. Hussin	100	
"	5.10.00	Forest products marketing	Heikki Juslin		
"	5.11.00	Non-wood forest products	Syama P. Raychaudhuri		
"	6.03.00	Forest information services for foresters and society	Alois Kempf	70	

Fr 11, 14:30-16:15	6.11.04	Bridging the gap between monetary and non-monetary valuation of environmental amenities	Linda Langner	70	
"	6.13.00	The response of law to changing social demands on forests and the environment	Franz Schmithuesen Peter Herbst Eduardo Rojas Briaies William C. Siegel	70	
"	7.03.07	Biological invasions as agents of global change. Part II, Management	Andrew Liebhold		
"	8.00.00	Forest environment in general (I)	Alain Franc	100	
"	8.04.00	Natural disasters	Albert Gottle Hideaki Marui	100	
"	TF 5	Water and forests (continuation sub-pleinary A 1)	Rob Vertessy	PH 2	
"	SPDC	BIO-REFOR Workshop	Bob Szaro	100	
"	IRP	International Research Policy: Panel discussion Forestry and wood industries Panel members: Yves Birot, Jane Clark, Robert Lewis, Jag Maini, Peter Poschen, Jeff Sayer and Jacques Valeix.	Jeff Burley		
Group sessions					
Fr 11, 16:30-18:15	1.07.00	Tropical silviculture	Gonzalo De Las Salas Henri-Felix Maitre	< 100	
"	2.02.00 2.08.00	Genetic variation.	Huoran Wang	50	
"	3.04.00	Operational planning and control. Work study	Esko Mikkonen, David B. Field, Robert McCormack, Maarten Nieuwenhuis	50	
"	3.09.00	Economics and harvesting of thinning	Pieter Kofman, Risto Lilleberg, John Lyons, Rafaelle Spinelli,	50	
"	3.11.00	Forest operations and environmental protection	Risto Lauhanen, Perminio Costa Filho, Jusoff Kamaruzaman, Iwan Wasterlund, J. A. Zabkiewicz	50	
"	4.02.01	Forestry products collection and sustainable forest management (I)	Mohammed Ellatifi	100	
"	4.04.00	Advances in combining productivity and sustainability in forest management (II)	Lauri Valsta	150	
"	4.12.00	Integration of GIS and remote sensing for assessment of forests and landscapes (II)	Barbara Koch Mathias Schardt, Dr. Hussin	100	
"	5.04.07	Adhesives and wood gluing	John Youngquist		
"	5.12.00	Sustainable wood industry	Jamie Barbour		
"	6.01.00	Nature experiences and sustainable management of landscapes and recreation resources.	Ulrike Proebstl		

Fr 11, 16:30-18:15	6.07.00	Social changes and forests	Elisabeth Johann		
"	6.15.00	Reconsidering study objectives and teaching methods	Siegfried Lewark	70	
"	6.11.07	Social science contribution to wildlife protection	Anne P. Hoover	70	
"	7.01.02	Mechanisms of tree resistance to phytophagous insects.	Francois Lieutier, Mike Wagner		
"	7.04.00	Air pollution. Summary of Edinburgh, Scotland meeting and an opportunity to discuss air pollution problems in Southeast Asia	Kevin Percy David Karnosky		
"	8.00.00	Forest environment in general (II)	Muhammed K. Musa	80	
"	8.03.00	Water quality	Barry Fahey Zulkifi Yusop		
"	SPDC	BIO-REFOR Workshop	Bob Szaro	100	
Business/satellite meetings					
Fr 11, 19:30-22:00	1.05.05	Business meeting	Jens Peter Skovsgaard	< 100	
"	1.06.00	Business meeting	Robert Rogers	< 100	
"	1.15.00	Business meeting	Fergus Sinclair	< 100	
"	2.00.00	Business meeting	Eric Teissier du Cros Bob Luxmoore Ladislav Paule	100	
"	3.05.00	Business meeting	Bryce Stokes	50	
"	3.06.00	Business meeting	Hans R. Heinimann	100	
"	3.08.00	Business meeting	Pentti Hytinen	50	
"	3.09.00	Business meeting	Pieter Kofman	50	
"	3.11.00	Business meeting	Risto Lauhanen	50	
Fr 11, 19:30-22:00	4.00.00	Business meeting. Creating a new Research Group 4.14.00 : Ecosystem - based management of forested Landscapes	Rodolphe Schlaepfer		
"	5.07.00	Business meeting	Paul Fung		
"	5.08.00	Business meeting	Songkramm Thammicha		
"	5.09.00	Business meeting	Rupert Wimmer		
"	5.10.00	Business meeting	Heikki Juslin		
"	5.11.00	Business meeting	Syama Prasad Raychaudhuri		
"	5.12.00	Business meeting	Jamie Barbour		
"	6.00.00	Business meeting	Niels Elers Koch	100	
"	8.01.00 EFERN	Business meeting	Emil Klimo Folke Andersson	100	
"	8.04.00	Business meeting	Albert Gottle	100	
"	TF 2	Business meeting	Martin Price		
"	TF 7	Business meeting. Demonstration of GFIS	Risto Paivinen		

Fr 11, 19:30-22:00	CFA	Satellite session. Commonwealth Forestry Association			
"	W & F	Satellite session. Panel discussion How can gender research contribute to a more sustainable forest management? Panel members: Siegfried Lewark, Cecile Fassaert, Madhu Sarin, Peter Poschen, Berit Verstad	Ann-Merete Furuberg, Gjerdtnet Gun Lidestav Dianne Wasterlund	50	

Group sessions

Sa 12, 14:00-16:15	2.04.02	Genetics and traits	Ladislav Paule	50	
"	3.07.00	Ergonomics (II)	Frits Staudt, John Garland, Marjan Lipoglavsek		
"	3.10.00	Harvesting, wood delivery and utilisation (II)	Loren Kellogg, Daniel Guimier, Piotr Paschalis Sigurd Ole Rudd		
"	4.01.04	Using models for forest growth and stand dynamics to evaluate sustainability (II)	Margarida Tomé	100	
"	4.02.01	Forestry products collection and sustainable forest management (II)	Mohammed Ellatifi	100	
"	4.02.03 4.02.06	Update calibration and enhancement of forest inventories through the inclusion of remotely sensed data (II)	Steen Magnussen Chris Brack	200	
"	4.02.07	Scenario approaches, models and assumptions behind the forestry analysis used in regional, national and global policy making	Tuula Nuutinen	200	
"	4.11.02	New developments in data management and modelling	Keith Rennolls		
"	5.04.00 5.05.00	Innovations in wood bonding and utilisation of wood residues	Howard Rosen David Plackett		
"	6.06.03	Targeting the real forest managers	James E. Johnson		
"	6.12.02	What's behind the words "Public Participation"?	Peter Kanowski	70	
"	6.16.00	Modelling forest managers environmental decisions	Richard Haynes	70	
"	7.02.07	Impacts of diseases on the sustainability of tropical forests	Jyoti K. Sharma Michael J. Wingfield		
"	7.02.10	Global spreading of pine wilt	Kazuyoshi Futai Kazuo Suzuki		
"	7.03.00	Review of recent developments in the management of major tropical forest insect pests. Theory and practice	K. S. S. Nair		
"	8.00.00	Forest environment in general (III)	Kyoji Sassa	PH 5	
"	8.02.00	Site (II)	James Boyle C. Tattersall Smith	100	
"	8.03.00	Forest hydrology	Barry Fahey, Roy C. Sidle	8	

Sa 12, 14:00-16:15	TF 2	Forest in sustainable mountain development.	Martin Price	PH 4	
"	TF 4	Gene conservation and management.	Veikko Koski Per Ståhl	80	

会費納入・研究者登録のお願い

IUFRO-Jの活動は会費収入で運営されております。健全な会の運営のために、会費納入をお願いいたします。

A, B 会員におかれましては、会費納入と合わせて研究者（会則第5条）、連絡員（付則1）の登録（事務局への連絡）をお願いいたします。

納入方法

郵便局振込の場合

郵便振替口座：00190-3-159224

名 義：IUFRO-J 事務局

銀行振込の場合

関東銀行牛久支店 普通預金口座 697583

名 義：IUFRO-J事務局 ユフロ・ジ・フロンティア 大貫仁人 オオノニヒト

注意：-（ハイフン）をお忘れなく

事務局としては、できるだけ郵便振替のご利用をお願いいたします。

IUFRO-J News No. 68

平成12年1月31日

国際林業研究機関連合-日本委員会事務局

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〔編集・発行〕