



2007 IUFRO ALL Division 5 Conference, Taipei

FOREST PRODUCTS AND ENVIRONMENT: A PRODUCTIVE SYMBIOSIS

29 October – 2 November, 2007, Taipei Grand Hotel

FINAL REPORT



by

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Local Arrangements, IOC
Chief Coordinator, LOC

31 December 2007

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I. Name of the Conference

2007 IUFRO All Division 5 (Forest Products) Conference, Taipei

II. Venue

The Taipei Grand Hotel

1 Sec.4, Zhongshan N. Rd., Taipei 10461, Taiwan

Tel: + 886 2 2886 8888; Fax: +886 2 2885 2885

Website: <http://www.grand-hotel.org/newsite/html/c/cindex.htm>

III. International Organizing Committee

Conference Chair	Chris RISBRUDT (USA)
Scientific Committee	Mahabala BHAT (India)
	Dave COWN (New Zealand)
	Bernard DAWSON (New Zealand)
	Song-yung WANG (Taiwan)
	Andrew WONG (Malaysia)
	Bob YOUNGS (USA)
Local Arrangements	Susan J.S. SHIAU (Taiwan)
Scientist Assistance Program	Mahabala BHAT (India)
	Jerrold E. WINANDY (USA)
	Andrew WONG (Malaysia)

IV. Local Organizing Committee

(Ordered by the first letter of last names)

Bin CHANG	Sheau-horng LIN
Peter Shang-tzen CHANG	Marshall Ren-Jye SHIAU
Chih-jen CHANG	Susan Jen-shiuan SHIAU
Wei-i CHANG	Hong-ding SOONG
Justin CHEN	Eric Hsien-shao TSAO
Tsai-yung CHEN	Eugene I-chen WANG
Yen-chang CHEN	Ya-Nan WANG
Chih-lung CHO	Yi-chung WANG
A Ching JAWN	Ying-shen WANG
Hen-biau KING	Min-chyuan YEH
Haw-farn LAN	Hsiu-hwei WENG (assistant)

The Logistics compaying compay:

Willy Event Consultants Co., LTD. PCO.

14F-4, No. 230, Sec. 5, Nanjing E. Rd., Taipei City 10570, Taiwan

Tel: +886 2 2766 5367; Fax: +886 2 2756 3323

Website: <http://www.willypco.com.tw/>

V. Registration fees

	Regular fee	Accompany person(s) fee	Student fee	Daily fee
Registration fee				
Before June 30 th , 2007				
TWD*	15,050	8,250	6,700	3,300
USD*	460	250	205	100
After June 30 th , 2007				
TWD	18,425	11,550	10,050	6,600
USD	560	350	305	200
Fee coverage				
A name badge	✓	✓	✓	✓
A conference package	✓	✓	✓	✓
Entry to sessions	✓		✓	✓
Lunches and snacks	✓		✓	✓
In-congress tour	✓	✓	✓	✓ (on Wednesday, October 31 st)
Welcome reception banquet	✓	✓	✓	
Farewell banquet	✓	✓	✓	
Accompany person(s) tours		✓		

* TWD = New Taiwanese Dollars; USD = American Dollars.

✓ = included

VI. Conference attendees

Nationality	No.	Nationality	No.	Nationality	No.
Argentina	1	Indonesia	6	South Africa	2
Australia	3	Iran	7	South Korea	11
Austria	4	Italy	2	Sudan	1
Bangladesh	1	Japan	42	Sweden	3
Brazil	1	Kenya	1	Taiwan	80
Canada	13	Malaysia	21	Thailand	3
Chile	1	Moldova	1	Turkey	2
China	4	Nepal	3	Tunisia	1
Czech Republic	4	Netherlands	1	UK	3
Finland	3	New Zealand	8	Uruguay	1
France	12	Nigeria	2	USA	37
Germany	7	Norway	2	Vietnam	1
Hungary	1	Philippines	3	Venezuela	1
India	12	Slovak	1		

There were a total of 371 people registered and 316 people (306 delegates and 10 accompanying persons) coming from 42 countries in the conference really attended at the conference.

VII. Conference presentations

There are a total of 6 full papers and 358 abstracts included in the conference proceedings and the CD. The following presenters/presentations were actually presented in the conference.

A. Keynote and sub-keynote speeches

No.	Full name	Speech title	Session
1	Howard N. ROSEN	Forest Products and the Environment: A Productive Symbiosis	Opening ceremony
2	Min-Chyuan YEH	Taiwan Forestry – Current Status and Strategy to Global Warming	Opening ceremony
3	SALLEH Mohd Nor	Forest Products: Need for a Rethink	Plenary # 1
4	Alfred TEISCHINGER	Wood and Competing Materials	Plenary # 2
5	Jack CHEN	A Discussion on the Development of the Furniture Industry & Ecological Environmental Symbiosis	Plenary # 3
6	R. James BARBOUR	The Role of Wood Products in Meeting Ecological Objectives of Sustainable Forest Management	Plenary # 4
7	Ute SEELING	Forest Products and Environment – A Productive Symbiosis	Plenary # 5
8	Robert L. YOUNGS	IUFRO and the Challenge of Change	Closing ceremony
9	Xavier DEGLISE	A Scientific Itinerary: Physical Chemistry to Wood Science	Special session

B. Oral presentations: 206 presentations

C. Poster presentations: 101 presentations

VIII. Conference programme:

- 1 Opening ceremony
- 5 Plenary sessions
- 1 Special session
- 45 RG/WP sessions
- 1 Poster session (All the posters were presented through the whole conference period)
- 2 RG Business meeting sessions (a total of 12 group meetings)
- 1 Report back and resolutions
- 1 Closing ceremony
- 1 In-congress half-day field trip



2007 D5 IUFRO All Division 5 Conference

FOREST PRODUCTS AND ENVIRONMENT : A PRODUCTIVE SYMBIOSIS

October 29th - November 2nd, 2007 Grand Hotel, Taipei, Taiwan

PROGRAM SUMMARY TABLE						
Time	Sunday (Oct 28)	Monday (Oct 29)	Tuesday (Oct 30)	Wednesday (Oct 31)	Thursday (Nov 1)	Friday (Nov 2)
0800-0830		Registration continued (0800-1700 Monday-Friday)	All Plenary sessions start at 0845			
0830-0900			Plenary # 2 (International Reception Hall)	Plenary # 3 (International Reception Hall)	Plenary # 4 (International Reception Hall)	Plenary # 5 (International Reception Hall)
0900-0930		OPENING CEREMONY (10F Auditorium)	Break			
0930-1000			Research Group /Working Party # 3 5.03/IRG A (Room 110)	SPECIAL SESSION IAWS Academy Lecture (International Reception Hall)	Research Group /Working Party # 6 5.01.06 (Room 106)	Research Group /Working Party # 9 5.02 E (Room 106)
1000-1030		Break (15 mins)	5.04.06 (Room 106)	Break	5.03/IRG C (International Reception Hall)	5.03/IRG E (Room 105)
1030-1100	1045-1100	Plenary # 1 (10F Auditorium)	5.05 B (Room 105)	Research Group Business Meetings: 5.07, 5.10, 5.11, 5.12, 5.14, P&P (International Reception Hall)	5.04.08 (Room 101)	5.05 D (International Reception Hall)
1100-1130			5.07 B (International Reception Hall)		5.07 C (Room 110)	5.07 D (Room 110)
1130-1200	1145-1200	Group Picture	5.12 B (Room 101)		P&P C (Room 105)	5.11 B (Room 101)
1200-1300		Lunch				
1300-1330	Registration	Research Group /Working Party # 1 5.01.00 (Room 106)	Research Group /Working Party # 4 5.01.01 (Room 110)	Field trip	Research Group /Working Party # 7 5.02 D (Room 110)	Research Group Business Meetings: 5.01, 5.02, 5.03/IRG, 5.04, 5.05, 5.06 (International Reception Hall)
1330-1400		5.05 A (International Reception Hall)	5.02 B (International Reception Hall)		5.03/IRG D (Room 105)	Break
1400-1430		5.07 A (Room 110)	5.10 A (Room 106)		5.05 C (International Reception Hall)	Research Group Reporting Back + Resolutions (International Reception Hall)
1430-1500		5.11 A (Room 101)	IAWA B (Room 101)		5.06 B (Room 106)	Break
1500-1530		Break			Break	Break
1530-1600		Research Group /Working Party # 2 5.02 A (International Reception Hall)	Research Group /Working Party # 5 5.01.02 (Room 106)		Research Group /Working Party # 8 5.01.07 (Room 101)	Break
1600-1630		5.04.00 (Room 110)	5.02 C (International Reception Hall)		5.04.12 (Room 110)	CLOSING CEREMONY (International Reception Hall)
1630-1700		5.06 A (Room 106)	5.03/IRG B (Room 105)		5.10 C (Room 106)	
1700-1730	IOC Pre-Conference Meeting (Room 109)	5.12 A (Room 105)	5.04.07 (Room 110)		5.12 C (Room 105)	
1730-1800		IAWA A (Room 101)	5.14/SWST (Room 101)		P&P D (International Reception Hall)	
1800-1830	Ice Breaker				Joint Happy Hour/ Poster Session (East & West Corridor)	
1830-1900						
1900-1930		Welcome Reception Banquet (Yuan Shan Club)	Mayor's Banquet (Taipei City Hall Banquet Hall)			Farewell Banquet (Shiang Garden Restaurant)
1930-2000				IAWA Business/Social Dinner Meeting (1930~)	IAWS, IRG Business/Social Dinner Meetings (2000~)	
2000-2030						
2030-2100						

IX. Conference expenses:

		Expense	Detailed description	Income (TWD)	Cost (TWD)	Note
1		Venue	Sub-total		981,550	
1	1	Secretariat room	1 room x 6 days		0	Provided by the Taipei Grand Hotel for free
1	2	Preview room	1 room x 6 days		61,200	
1	3	Auditorium	1 room x 0.5 day		46,750	Opening ceremony + Plenary session 1
1	4	International Reception Hall	1 room x 4.5 days		469,200	
1	5	Session rooms	4 rooms x 3 days		216,240	
1	6	East and West Corridor	1 area x 6 days		180,000	
1	7	Room 106	1 room x 1 day		8,160	
2		Equipments	Sub-total		583,000	
2	1	LCD Projector	1 x 1 day + 4 x 5 days		139,250	
2	2	Screen (Auditorium + IRH)	1 x 1 day + 1 x 5 days		12,000	
2	3	Screen (session rooms)	4 x 4 days		0	Provided by the Taipei Grand Hotel for free
2	4	Microphone (Auditorium)	2 x 32 hrs		4,200	Opening ceremony
2	5	Microphone (IRH + session rooms)	5 x 32 hrs		0	Provided by the Taipei Grand Hotel for free
2	6	Computer	32 x 1 conf. period		168,000	
2	7	Printer	2 x 1 conf. period		10,500	
2	8	Copy machine (fax included)	1 x 1 conf. period		10,500	
2	9	LCD selector	5 x 1 type		5,250	
2	10	Walky-talky	10 x 1 conf. period		2,625	
2	11	Lazer pointer	5 x 1 conf. period		9,870	
2	12	Wireless & lines	1 x 1 conf. period		47,250	
2	13	RFID Reader	5 x 1 conf. period		7,875	
2	14	Visual Communication lines	6 x 5 days		18,000	
2	15	Visual Communication set up	3 x 1 day		31,500	
2	16	Wite board	1 x 1 conf. period		3,000	
2	17	Electricity	1 x 1 conf. period		8,180	
2	18	Vedio and audio	3 x 1 time		78,750	
2	19	Music equipments	1 x 1 time		26,250	
3		Venue set up	Sub-total		541,440	
3	1	Registration area	1 x 1 conf. period		52,500	
3	2	Decoration for ceremonies and banquets	1 x 1 conf. period		20,000	
3	3	Table flowers	5 x 1 conf. period		0	Provided by the Taipei Grand Hotel for free
3	4	Chest flowers	10 x 1 day		1,800	
3	5	Plants (Taiwan native species)	1 x 1 conf. period		30,000	
3	6	RFID system and tech.	1 x 1 conf. period		58,800	
3	7	Poster panels	134 x 1 conf. period		140,700	

		Expense	Detailed description	Income (TWD)	Cost (TWD)	Note
3	8	Electricity set up for the poster area	1 x 1 conf. period		36,250	
3	9	Lights for posters	134 x 1 conf. period		28,140	
3	10	Platform for banquets	3 x 1 conf. period		173,250	
4		Printing	Sub-total		465,250	
4	1	Conference programme	500 unit		136,500	
4	2	Conference proceedings	500 unit		288,750	
4	3	Conference CD	1000 unit		40,000	
5		Food	Sub-total		829,940	
5	1	10/28 Ice breaker	150 people x 1 time		57,750	
5	2	11/1 Happy hour	200 people x 1 time		77,000	
5	3	Coffee break	9 times		303,600	
5	4	Lunch (attendees + staff)	6 days		391,590	
6		Website	Sub-total		446,250	
6	1	Conference website updates (1/1~11/1/2007)	1 unite		320,250	
6	2	Online registration system (1/1~11/30/2007)	1 unite		31,500	
6	3	RFID registration system design	1 unite		94,500	
7		Transportation	Sub-total		351,900	Partially supported by registration fee (TWD 92,343)
7	1	Rental buses (In-congress field trips)	7 x 0.5 day		73,500	
7	2	Insurance and admission tickets (field trips)	222 people x 1 time		177,600	This item is supported by other fund resources
7	3	Shuttles for Mayors banquet	10 x 1 run		63,000	This item is supported by other fund resources
7	4	Shuttles for Farwell banquet	6 x 1 run		37,800	Partially supported by other fund resources (TWD 18,957)
8		Other expenses	Sub-total		5,858,797	
		TOTAL CONFERENCE EXPENSES			9,798,570	
		REGISTRATION FEE INCOME		3,939,773		
		DIFFERENCES*			5,858,797	

		Expense	Detailed description	Income (TWD)	Cost (TWD)	Note
8		Details of other expenses	Sub-total		5,858,797	These items are supported by other fund resources
8	1	Printings (4th Announcement, invitation cards, certificates of attendance, certificates of acknowledgement, conference stikers, conference envelopes, all kinds of posters, brochures, name badge, etc...)			588,990	
8	2	Welcome banquet (venue + meal/ drink + performance)	1 time		360,548	
8	3	Mayor's banquet (venue + meal/ drink + performance)	1 time		355,163	
8	4	Farwell banquet (venue + meal/ drink + performance)	1 time		336,240	
8	5	Performance for Closing ceremony	1 time		40,000	
8	6	Subsidies to CFPA guests			326,276	
8	7	Temp payment (hourly)	1 conf. period		36,800	
8	8	Secretariate and other labors	1 x 1.5 years		720,000	
8	9	Conference souvenir	8 types		307,750	The cost does not include the souvenir products (3 types) directly provided by the sponsors.
8	10	Consultant	1 time		300,000	
8	11	Miscellaneous expenses	2 years		510,112	
8	12	Administration & affairs	1 x 2 years		1,976,918	

* The differences (other expenses) are supported by other fund resources in Taiwan. They include governmental organization, NGOs, companies, and personal donations. The support does **NOT** include the SAP funds.

X. Scientist Assistance Program (SAP)

The IUFRO Scientist Assistance Program (SAP) is established to financially assist developing country IUFRO scientists and other deserving applicants to present their research work at IUFRO scientific meetings abroad while providing networking opportunities among peer scientists from various regions “under one roof”. The SAP selection sub-committee of the conference International Organizing Committee comprised Dr Andrew Wong, Dr Jerry Winandy and Dr K.M Bhat. Successful candidates were selected based on a selection criteria adopted mainly by IUFRO.

Among the delegates, 70 attendees comprising of keynote speakers, scientists, young scientists, and students normally from developing countries were financially supported by the Scientist Assistance Program (SAP), by sponsoring their conference registration fees and partial subsistence costs incurred during the conference to most of the recipients, i.e. accommodation, public transportation and meals. Please refer to the table below for the details of the SAP funds.

Sponsor	SAP/YSP Fund (USD)	No. of mainly support (the fund is the only or the highest support to the recipient)	No. of partially support (the fund is given with support from additional donors)
USDA-Forest Service	20,000	22	6
Korea Forest Research Institute (KFRI)	10,000	14	0
Asia Pacific Association of Forestry Research Institutions (APAFRI)	3,000	3	0
Society of Wood Science and Technology (SWST)	3,000	5	0
International Academy of Wood Science (IAWS)	1,000	1	0
Food and Agriculture Organization of the United Nations (FAO)	10,000	10	4
Chinese Forest Product Accusation (CFPA)	10,000	15	2
TOTAL	57,000	70	-

XI. Sponsors

A. International sponsors

Asia Pacific Association of Forestry Research Institutions
 Food and Agriculture Organization of the United Nations
 International Academy of Wood Science
 International Association of Wood Anatomists
 International Research Group on Wood Protection
 Korea Forest Research Institute
 Society of Wood Science and Technology
 USDA Forest Service

B. Local (Taiwan) sponsors

B-1. Public organizations

Council of Agriculture Executive Yuan
 Forestry Bureau, Council of Agriculture, Executive Yuan
 Ministry of Economic Affairs, Republic of China
 Ministry of Education
 Ministry of Foreign Affairs Republic of China
 National Chiayi University
 National Science Council

National Taiwan University
Taipei City Government
Taiwan Forest Research Institute
Tourism Bureau, Republic of China

B-2. Others

Asia Plywood Corporation
Bamboola D & C Factory
Chen Ten Shin Cultural and Educational Foundation
Cheng Loong Corp
Chuyan Mau Products Co.,Ltd.
Ding Sharn Enterprise Co., Ltd.
Ecomax Textile Co., Ltd.
Enmart Products Co., Ltd.
Hua Shing Wood House
Kkmp Materials Protection Co., Ltd.
Kuan Yuan Paper Mfc. Co., Ltd.
Kuen Jin Wood Industry Corp Co., Ltd.
Long Hoh Enterprise Co., Ltd.
Mr. James Hung
Prime Fortune Co., Ltd.
Refroestation Association Republic of China
Sun Hai Cultural Foundation
Taiwan Paiho Limited
Taiwan Woodworking Machinery Association
Te Feng Lumber Co., Ltd.
Wand Tsai Industrial Co., Ltd
Yi Tsai Wood Co., Ltd.

XII. Conference photos:

A. Pre-conference IOC meeting

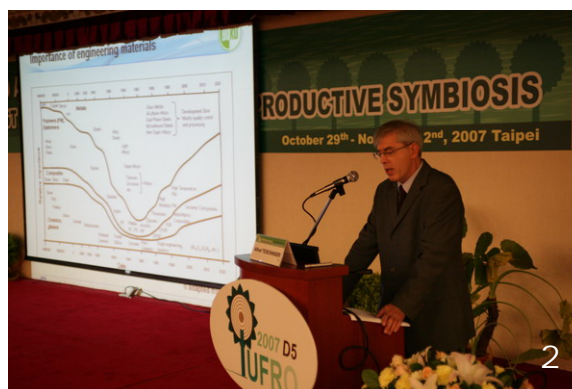


B. Opening ceremony



1. Dr Dave COWN, IUFRO Division 5 Coordinator, New Zealand
2. Dr Chris RISBRUDT, Conference Chair, USDA Forest Service Washington DC, USA
3. Dr Don K. LEE, IUFRO President, Seoul National University, Korea
4. The Deputy Minister Mr Jen-chyuan LEE, Council of Agriculture, Executive Yuan
5. The Chief of Department of Economic Development Mr Wan-fa LIN, Taipei City Government
6. Professor Ya-Nan WANG, President, IUFRO Taiwan Association
7. Address on the conference theme by Dr Howard N Rosen, IAWS
8. Keynote address by Professor Ming-Chyuan YEH, National Pingtung University of Science & Technology

C. Plenary sessions and the special session



1. Plenary #1: Dr. Salleh Mohd Nor, Vice President, Malaysian Academy of Sciences, Executive Director of TropBio Forest Sdn Bhd, Kuala Lumpur, Malaysia
2. Plenary #2: Prof. Dr. Alfred Teischinger, University of Natural Resources and Applied Life

Sciences (BOKU), Vienna, Austria

3. Plenary #3: Mr. Jack Chen, Chairman, Stylution International Corp.; Honorary Chairman, CAPFA (Council of Asia Pacific Furniture Association); Associate Professor, Department of Business Administration, Fu-Jen Catholic University, Taiwan
4. Special session: Prof. em. Xavier Deglise, President of IAWS (International Academy of Wood Science); LERMaB/University Henri Poincaré-Nancy1, France
5. Plenary #4: Dr. Jamie Barbour, Program Manager for Focused Science Delivery, USDA Forest Service, Pacific Northwest Research Station, Portland, Oregon, USA
6. Plenary #5: Dr. Ute Seeling, Assoc. Prof., PhD, University Freiburg, Germany, Kuratorium für Waldarbeit und Forsttechnik e.V. (KWF)

D. RG/WP sessions



E. Welcome banquet



F. Mayor's banquet



1. Mr. Chung-yih LIN, Taipei Deputy Mayor, Taipei City Government

G. In-congress half day tours

Tour A – Museum tour

Tour B – Temple tour

Tour C – Danshui Local Tour

Tour D – Yanmingshan National Park tour

Tour E – Paper factory and cultural tour

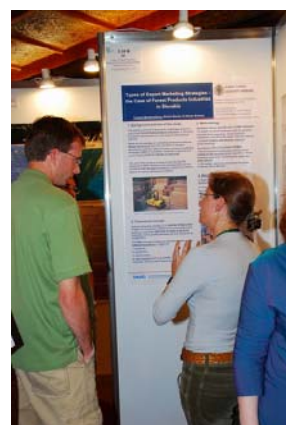
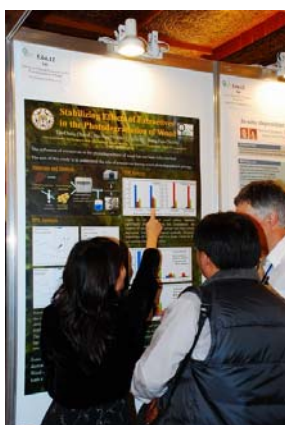


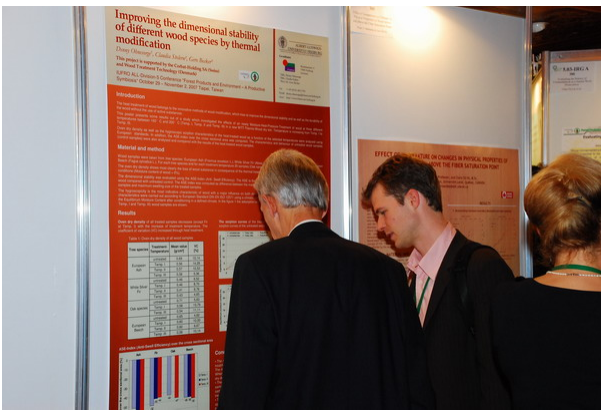


H. Business meeting and report back

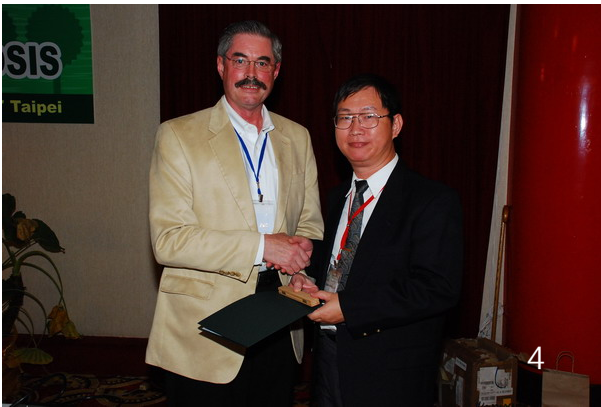


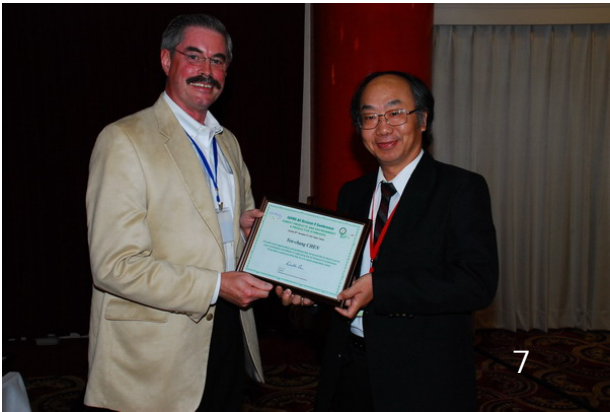
I. Poster session





J. Closing ceremony





1. Local Host: Address by Dr Hen-biau KING, Director, Taiwan Forest Research Institute
2. IUFRO appreciation to Dr. Bernie Dawson, Conference Scientist Committee (CSC)
3. IUFRO appreciation to Dr. Andrew Wong, Scientist Assistant Program (SAP)
4. IUFRO appreciation to Dr. Tsai-yung CHEN, the Former President of Chinese Forest Product Association, the host organization
5. IUFRO Appreciation to Dr. Sheau-horng LIN, the Local Organizing Committee member
6. Appreciation to the International Organizing Committee members (Dr. Robert Youngs)
7. Appreciation to the Local Organizing Committee members (Dr. Yen-chang Chen)
8. Poster award: Dr. Chunhua Zhang (the second from the right in the photo) (Title: The effect of the environmental stress on the wood formation in *Acacia mangium*)
9. Poster award: Mr. Tung-Lin Wu (Title: Manufacture of agroforest waste particle-plastic composites and its properties)
10. Poster award: Dr. H. C. Lai (Title: Influence of methanol soluble extractives on CCA treatability, fixation and leachability on Malaysian hardwoods)
11. Poster award: Mr. Denny Ohnesorge (Title: Improving the dimensional stability of different wood species by thermal modification)
12. Keynote address by Dr. Robert YOUNGS, Virginia Tech, USA

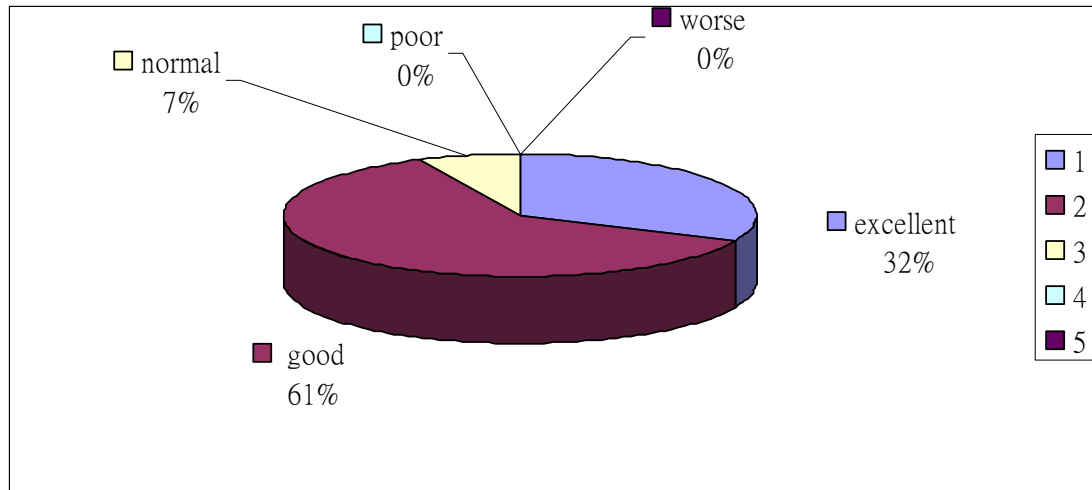
K. Farwell banquet



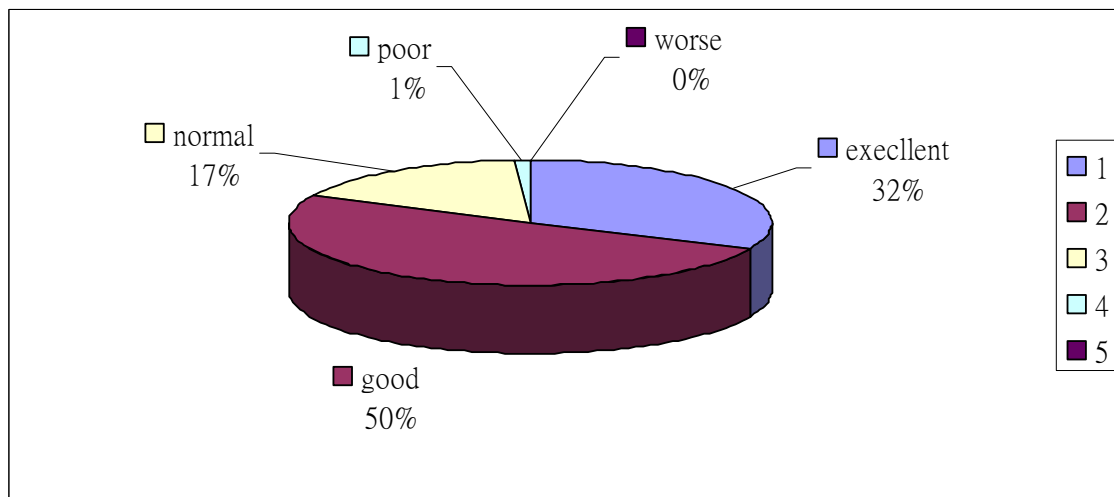
XIII. Conference evaluation

The result comes from 103 out of the 316 conference attendees (32.6%).

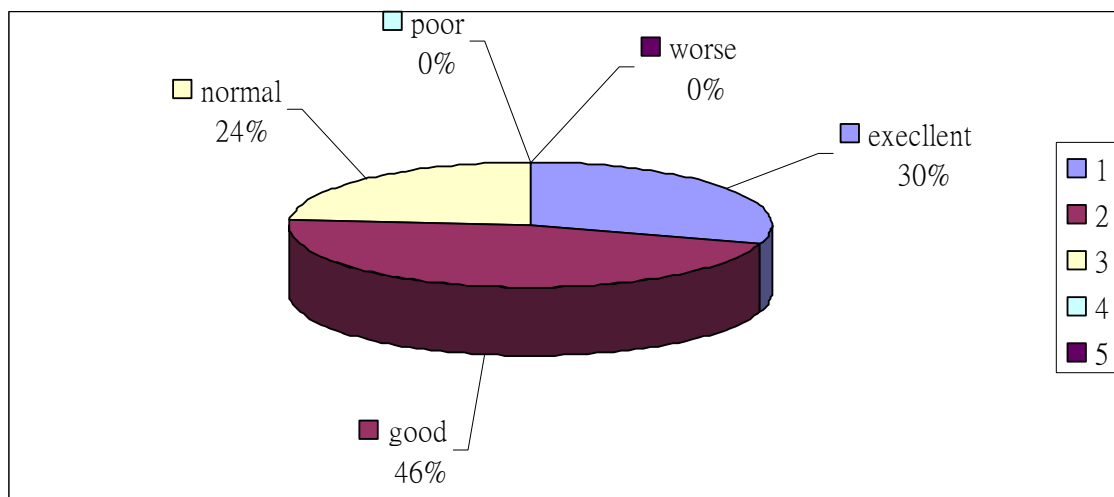
A. Overall evaluation



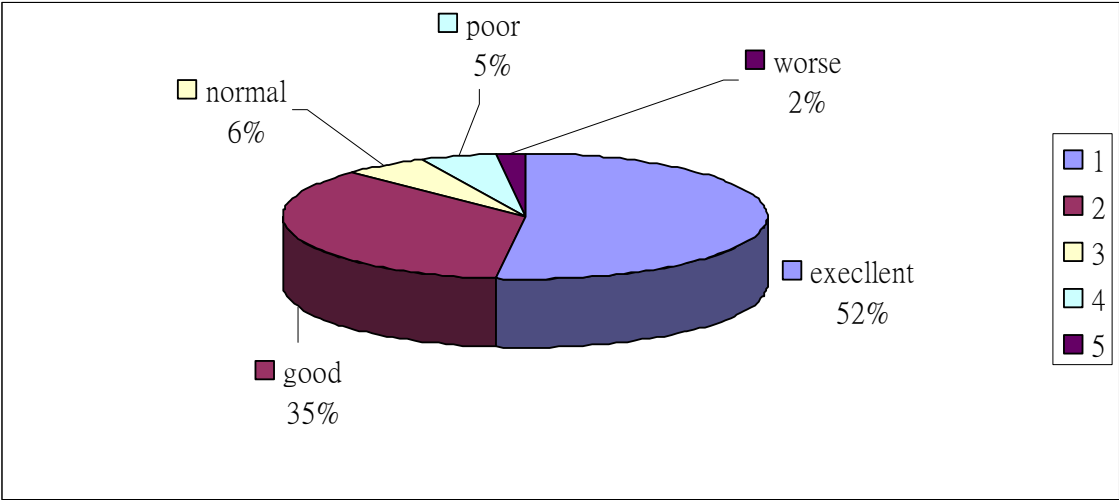
B. Event management



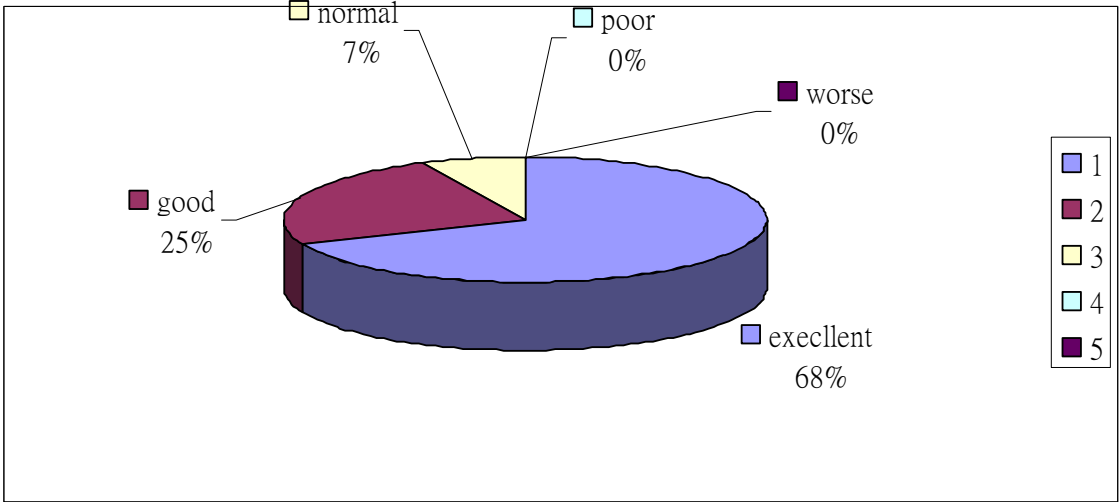
C. Decoration



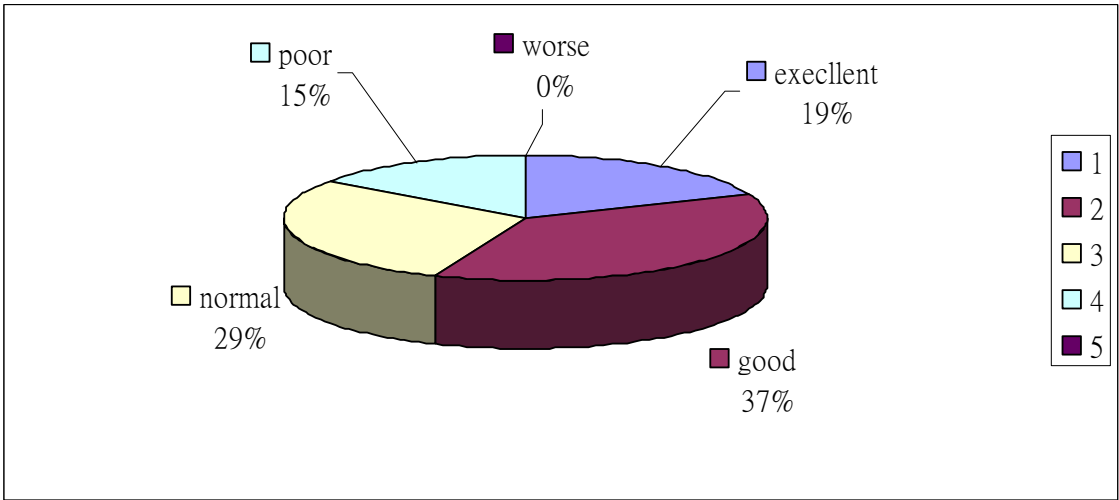
D. Registration and reception



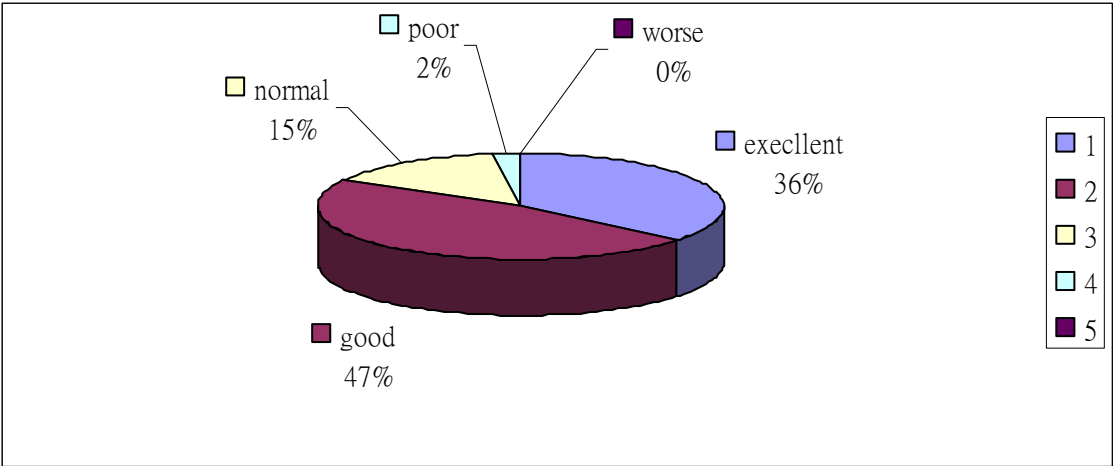
E. Hospitality



F. Food and beverage



G. Welcome reception program



Appendix A

Conference bag contains

1. Bag



2. Necklace



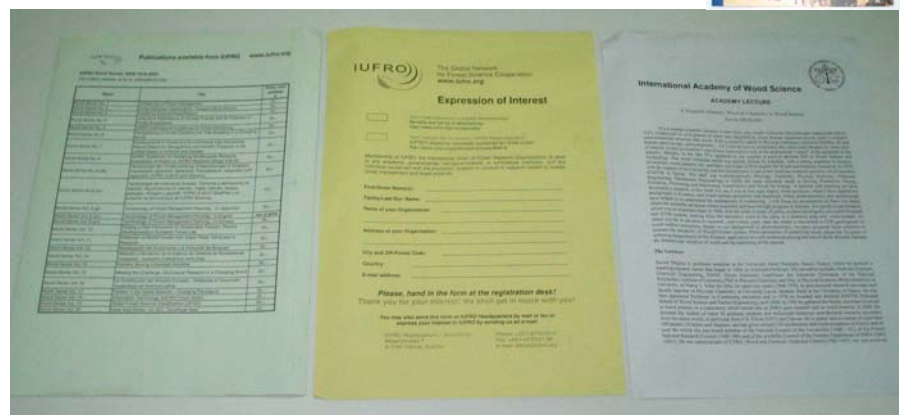
3. Utensil



4. Bamboo Charcoal



5. IUFRO and the special session (IAWS) handouts



6. LACOYA Polo



7. SWST handouts and a pencil



8. Taiwan paperweight (special guests only)



9. Bamboo charcoal gift box (special guest only)



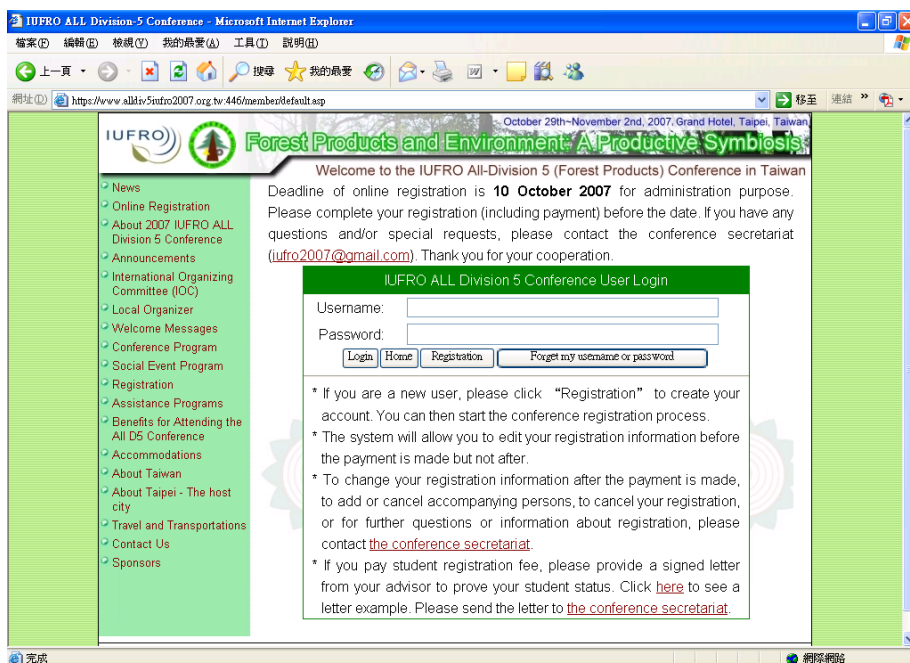
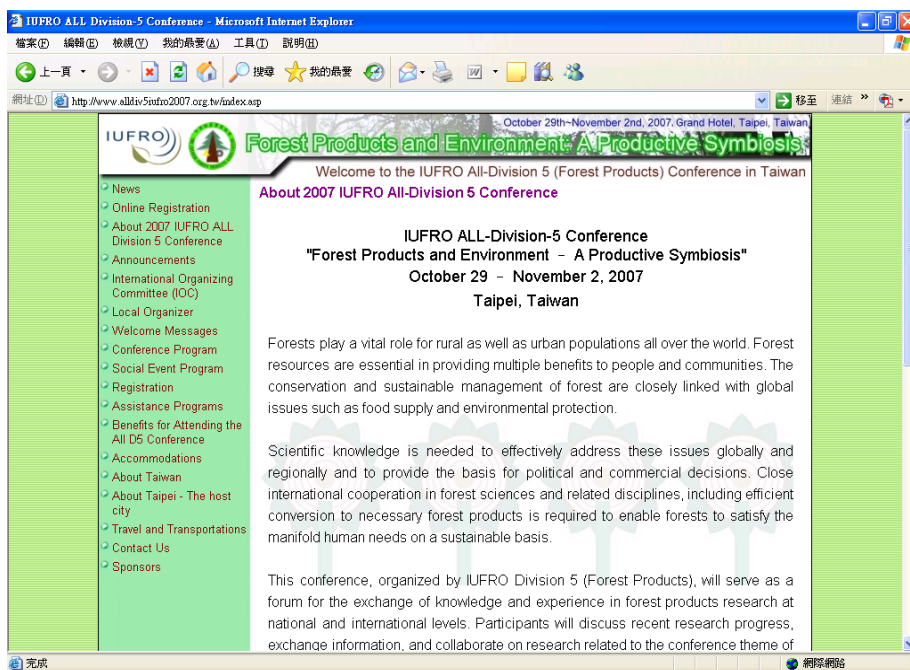
10. Paper finder (moderators only)



Appendix B

Conference website

<http://www.alldiv5iufro2007.org.tw>



Website contains:

- News
- Online Registration
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Appendix C

Post-conference tours

Tour A: Culture and Nature Trip (5 people attended)

Gathering time: 8:30 at the lobby of the Taipei Grand Hotel

Cost: TWD 9,400/ USD 285 per person (To an individual who requests for his/her own room, extra payment of TWD 2,600/ USD 80 is needed for the two nights.)

Cost includes: Coach (9-people cars), toll fees, drivers tips, parking fees, English guide, admission tickets, accommodations (the double-bed room for 2 nights), 5 meals (breakfast on 11/4, lunches on 11/3-5 and dinner on 11/3. The breakfast on 11/5 is included in the hotel and the dinner on 11/4 is on self at the night market), insurance, and administration fee.

Itinerary:

Day 1 Taipei → Taiwan Pinglin Tea Museum

(http://202.39.225.132/jsp/Eng/html/attractions/scenic_spots.jsp?id=R81) → Experiencing tea in Pinglin (lunch) → National Center for Traditional Arts (<http://www.ncfta.gov.tw/>) → Luodong Town (dinner) → Fu-shan

Day 2 Fu-shan Botanic Garden

(http://202.39.225.132/jsp/Eng/html/attractions/scenic_spots.jsp?id=1445), Fu-shan study site → Fu-shan Natural Education Center (lunch) → Meili Museum (<http://www.lml.com.tw/>) → Hualien City (night market for dinner)

Day 3 Taroko National Park (<http://www.taroko.gov.tw/fall/>) (lunch) → sightseeing of East Coast National Scenic Area (<http://www.eastcoast-nsa.gov.tw/en/index.php>) on the way back to Taipei (arriving in Taipei after 7 pm)

Tour B: Wood arts and Alishan Forest Trip (15 people attended)

Gathering time: 8:30 at the lobby of the Taipei Grand Hotel

Cost: TWD 9,500/ USD 288 per person (To an individual who requests for his/her own room, extra payment of TWD 3,000/ USD 92 is needed for the two nights.)

Cost includes: Coach, drivers and the tips, toll fees, parking fees, English guide, admission tickets, accommodations (two-bed rooms for 2 nights), 5 meals (lunches on 11/3-5 and dinner on 11/3-4. The breakfasts on 11/4-5 are included in the hotels.), insurance, and administration fee.

Itinerary:

Day 1 Taipei → Miaoli Wood Sculpture Museum (<http://wood.mlc.gov.tw/english/index.asp>) → Taichung City (lunch) → Chiayi → Chiayi Tower (<http://www.fm933.com.tw/tower/index.htm>, Chinese website) → Chiayi Garage Park of Alishan Railways (<http://www.mobile01.com/waypointdetail.php?id=1980>, Chinese

website) → Pei-men Station of Alishan Railways

(<http://www.cabcy.gov.tw/alishan/index.htm#>, Chinese website) → Chiayi Chinatrust Hotel (<http://www.chinatrust-hotel.com.tw/CRM/Default.aspx>)

Day 2 Chiayi → Alishan Visitor's Center (lunch) → To settle down at Alishan House (<http://www.alishanhouse.com.tw/index.asp>) → Alishan National Scenic Area (<http://www.ali.org.tw/>) (Visit Zhao-ping Station, Sister Lake, Mu-lan Park, Shou-zhen Temple, etc...) → Free time + dinner → Gau Shan Ching Hotel (<http://ganshan-rma.network.com.tw/>)

Day 3 Alishan House → Sunrise viewing in Zhushan → Zhushan forest trail → breakfast at the hotel → Fenquhu (http://www.ali.org.tw/en/att/att2.php?scenic_spot_id=17) → Fenqihu old street → lunch → back to Taipei (around 6pm)

Tour C: Chi-tou Forest & Sun Moon Lake Trip (10 people attended)

Gathering time: 8:30 at the lobby of the Taipei Grand Hotel

Cost: TWD 6,600/ USD 200 per person (To an individual who requests for his/her own room, extra payment of TWD 8,000/ USD 245 is needed for the two nights. To two people who requests for a two-double-bed room, extra payment of TWD 4,000/ USD 123 is needed for each person.)

Cost includes: Coach, drivers, toll fees, parking fee, English guide, admission tickets, accommodations (two-double-bed four-people room for two nights), 5 meals (lunches on 11/3-5 and dinner on 11/3-4. The breakfasts on 11/4-5 are included in the hotels.), and insurance.

Itinerary:

Day 1 Taipei → Zhushan → visit Bamboola Taiwan (http://www.ncafroc.org.tw/news/index_news.asp?ser_no=311) → Fong-huang Nature Education Park (lunch) (http://www.exfo.ntu.edu.tw/0ceducation/education_02.html#05, Chinese website) → Visit tea-making at the Park → Visit Wusiu Farm and bamboo charcoal (<http://www.wvsiv.idv.tw/>, Chinese website) → Dinner at Zi Lin Zhuang (<http://zlz.kpc.com.tw/>, Chinese website) → Chi-tou Forest Recreation Area

Day 2 Visit Chi-tou Forest Recreation Area (<http://homepage.ntu.edu.tw/~exfo/newchi-tou/set/index.htm>) (lunch) → Visit Shui-li Wood Utilization Center (http://www.exfo.ntu.edu.tw/0ceducation/education_06.html, Chinese website) → Dinner at Sun Moon Lack Youth Activities Center (<http://www.cycsml.com.tw/>, Chinese website)

Day 3 Sun Moon Lake National Scenic Area (<http://www.sunmoonlake.gov.tw/index/8.htm>) (lunch) → Formosan Aboriginal Culture Village (<http://www.nine.com.tw/>) (dinner) → back to Taipei around 9:30pm

Appendix D

IUFRO All Division 5 Forest Products Conference – Business Meeting

Minutes of the Report Back session

Friday Nov 2, 2007

Taipei Grand Hotel, Taiwan

David Cown, D5 Division Coordinator, call the meeting to order at 2:16pm on Friday Nov 2, 2007. He reported that our D5 meeting from Monday Oct 29 thru Nov 2nd was a success with 317 registrants from over 41 countries. It was pleasing that both Don Lee (IUFRO President) and Peter Mayer (IUFRO, Executive Director) were able to attend this meeting. Minutes of our last meeting in Rotorua, New Zealand in March 2003 were approved.

Research Group (RG) Reports:

5.01 and 5.02: Pekka Saranpaa.

Both RG's need to increase new membership, need to increase linkages between 5.01 and 5.02 and with 5.05 Composites. D5.01 needs to rewrite a thesis on Wood Quality and possibly consider reorganization of its Working Groups (WG) within the RG as some overlaps seem to exist. **They suggest an All-D5 RG coordinators meeting to coordinate the next All-D5 meeting.**

5.03: Andrew Wong.

5.03 intend to continue its coordination with IRG and to use email more effectively. **We request that our WG on Invasive Species be disbanded.** Future activities include a joint meeting with IRG in china in 2009, sessions at WFC XXIII in Korea in 2010, and formation of a linkage with 5.05 related to Durability of Composites. We envision that organic preservatives will continue to replace inorganic metal systems worldwide and hope to develop a global database of wood-destroying organisms.

5.04: Yves Fortin.

D5.04 needs to enhance communication, fill officer vacancies, and needs a more constructive website. One problem is that our many WG's co-sponsor meetings without good coordination. We are considering organizing an All-5.04 meeting. **Finally, we suggest Chile for our next D5 meeting.**

5.05: Marius Barbu.

5.05 organized four sessions. Internal communication within 5.05 needs to improve. We co-sponsored several EU and North American conferences in 2006-07 and look for stronger linkages with 5.03. Future topics will include nano-composites and lignocellulosic composites. Any meeting proceedings in the future should be digital. **Finally, we suggest Brazil for our next D5 meeting.**

5.06: GAN Kee Seng.

We have a new emphasis on improved plantation timber, but have only 5 members present. So we need to renew our membership and improve communication. We hope to hold a workshop in 2009.

5.07: KOI H.K.

5.07 organized 25 papers, mostly posters. We need to renew efforts in energy from biomass, need to improve internal communication within 5.07, and need to learn to form linkages with governmental

policy makers. 5.07 will help network with upcoming Biomaterials conference in Taipei.

5.10: NO Report

5.11: R.B.S. Rawat.

5.11 had a session with 5 papers and 10 posters. We need to revise and review our newsletter, improve internal communication via the internet, and link more strongly with 5.12 Marketing. **We suggest the next D5 meeting be held in either India, Malaysia, or Indonesia.** Non-wood forest products are commonly used and studied in Southeast Asia, but more worldwide research is needed.

5.12: Jamie Barbour.

5.12 organized three sessions with 12 presentations from 9 countries. 5.12 is considering organizing a virtual (internet-based) meeting in future. 5.12 needs to coordinate more with 5.01, 5.03, 5.05 on issues related to sustainability.

5.14: Rupert Wimmer.

5.14 would like to continue its linkage with the Society for Wood Science and Technology (SWST – www.swst.org) . All 5.14-SWST presentations will be published shortly on the SWST Website. D5.14 is investigating means to encourage student exchange and possible new methods of international academic accreditation.

OPEN DISCUSSION FROM FLOOR:

- The need was raised for all RG leaders to have web-based conference prior to organizing the next All-D5-meeting in 2012 or 2013.
- Next program include an initial briefing in opening session or overview in program that fully explains the RG structure within D5 and the scope and officers of each RG and WG.
- Suggestion to publish full papers, not just abstracts in proceedings. D. Cown suggested that appropriate papers from this current meeting be targeted as full papers to appropriate scientific journals. This could be arranged in advance as a topic for the pre-conference RG web-based meeting. For instance, D5.03 has networked with IRG (International Research Group on Wood Protection) to publish D5.03 papers.
- D. Cown thanked the entire D5 membership for all their support over these last few years during his tenure at D5 Coordinator. He thanked all the members of the local organizing committee for their efforts and great job in hosting this meeting. He informed the group that he, Chris Risbrudt and Mahabala Bhat would be stepping down before our next All-D5 meeting and asked people, to think about replacements ahead of the IUFRO Congress in 2009.
- All-D5 2007 Meeting officially closed at 5:15pm.

RECOMMENDATIONS

- WG on Invasive Species be disbanded (Wong).
- Two D5 members suggested a new Pulp and Paper Research Group be formed in D5. No objections were heard, so D. Cown will request formation of a such a new RG from current IUFRO members.
- Wood Culture Research Group be formed in D5. This group has already had two meetings in China. No objections were heard, so D. Cown will request formation of a such a new RG from IUFRO.
- RG's should each take the lead to get your RG-webpages more productive and keep them up-to-date.

- Arrangements to be made for D5-Meeting presentations on the IUFRO D5 website.
All-D5 RG coordinators to hold a web-based conference to coordinate the next All-D5 meeting.

Next D5 Meeting location suggestions:

Chile (Fortin)

UDSA – Madison FPL (Risbrudt)

Brazil (Barbu)

India, Malaysia, or Indonesia.(Rawat).

Expressions of interest requested from the above countries, at least initially from the above proposers.



D. Cown

D5 Co-ordinator

Thursday, November 22, 2007

Appendix E

The "Scientific Summary" for the IUFRO News

Scientific Summary Related to IUFRO News 11/12, 2007



Forest Products and Environment: A Productive Symbiosis

Dave Cown, (Coordinator, Div 5), and Howard Rosen (keynote speaker and former Coordinator of Div 5)

Symbiosis can be defined as a mutually beneficial relationship. Can there be a symbiotic relationship between forest products and the environment? This question was asked at the IUFRO All-Division 5 Conference held from October 29th to November 3rd, 2007 in Taipei. It reflects the increasing awareness of the role of trees and forests in meeting demands of society.

Multiple benefits of forests

There are several critical contemporary issues related to forest products and the environment. For example, the use of wood to provide energy is a worldwide need, since about half the wood consumed in the world provides energy - from fuel for a wood stove to input for an electric power plant. The use of forest products can also play a role in the storage of carbon to ameliorate climate change and reduction of forest fire risk. Finally, the use of wood compared to other raw materials, can have an environmental advantage. This is all well recognised by forest scientists, but the multiple benefits of forests and hence the importance of sustainable forest management also need to be promoted to the public and to policy makers. Obvious examples include the promotion of wood use for home construction and fittings, but also provision of water, food and energy in some parts of the world.

Science and industry

The conference Keynote Speakers represented a mix of science and industry, all addressing different aspects of dealing with forests and wood products in our daily lives. The topical nature of the conference theme was underlined by presentations on technical issues around conservation values of the



International and Local Division 5 Organising Committee Members in Taipei

diminishing forest resource, and the need to maintain diversity in an increasingly industrialised world. The forest products industries themselves can make major contributions to forest conservation by reducing greenhouse gas emissions by recycling, energy reduction, design efficiency and offsetting by tree planting. The forest industry can also benefit from adopting a global perspective and cooperating to create new innovative products such as nanomaterials with enhanced efficiency and performance.

Recommendations for IUFRO

Recommendations were made to expand the cover of Division 5 to include Pulp and Paper with a focus on tropical as well as temperate woods. Another topic discussed was the need to incorporate activities related to Wood Culture in a new Research Group as this would complement the other activities very well and support the beneficial nature of forestry and wood use around the world.

All-Division 5 Conference "Forest products and Environment: A Productive Symbiosis" from October 29th to November 3rd, 2007 in Taipei. The event is held every four years and this time the attendance reached 340, with representation from 40 countries. A total of 365 papers and posters were presented in Plenary, Sub-Plenary and Group sessions.

Further information on the meeting at: <http://www.iufro.org/science/divisions/division-5/50000/activities/>