

**The 7th Symposium  
 – FORMATH KOBE 2007 INTERNATIONAL –  
 on Forest Resource Management and Mathematical Modeling**

Date: 17-18 March 2007

Venue: Graduate School of Applied Informatics, University of Hyogo,

**Program**

Date and Time		Title	Name	Affiliation	Language
<b>2007/3/17</b>					
Start	End				
9:00	10:00	<b>Registration &amp; Opening</b>			
		<b>Session 1: Carbon related modeling</b>	Moderator	<b>H. Kondoh</b>	
10:00	10:25	Potential Utilization of Forest Biomass as an Option for Carbon Emission Reduction in Hyogo Prefecture —Present Status and Prospect—	Hiroko Etoh	University of Hyogo	Japanese
10:25	10:50	Potential Carbon Sequestration in Japanese Forests during the First Commitment Period of the Kyoto Protocol	Shengxi Son	University of Hyogo	Japanese
10:50	11:15	Potential Reduction of Carbon Emissions in Japanese Forest Sector during the First Commitment Period	Nophea Sasaki	University of Hyogo	English
11:15	11:25	<b>Break</b>			
		<b>(Continued)</b>			
11:25	11:50	Potential Impacts of Illegal Logging on Carbon Emissions in Cambodia	Tatsuya Sera	University of Hyogo	Japanese
11:50	12:15	Carbon stock estimates for Acacia mangium forest in Malaysia and Indonesia	Naoto Matsumura	Mie University	Japanese
12:15	13:15	<b>Lunch Break</b>			
		<b>Session 2: Growth Modeling</b>	Moderator	<b>N. Matsumura</b>	
13:15	13:40	Developing a simulation model for harvest income using Local Yield table Construction System (LYCS)	Tohru Nakajima	University of Tokyo	English

13:40	14:05	A preliminary analysis of diameter growth using distance-dependent competition indices	Yasushi Mitsuda	Forestry and Forest Products Research Institute	English
14:05	14:30	Analysis of grouped growth patterns in even-aged sugi forest stand within the framework of mixture model	Hirokazu Yanagihara	Hiroshima University	Japanese
14:30	14:40	<b>Break</b>			
		<b>Session 3: Harvest Scheduling</b>	<b>Moderator</b>	<b>A. Yoshimoto</b>	
14:40	15:05	Modeling timber and non-timber tradeoffs in spatial forest planning	Sandor Toth	Oklahoma State University	English
15:05	15:30	Cutting possibilities forecasting	Robert Marusak	Czech University of Life Sciences in Prague	English
15:30	15:55	Spatial Endogenous Fire Risk and Efficient Fuel Management and Timber Harvest	Masashi Konoshima	Oregon State University	English
15:55	16:05	<b>Break</b>			
		<b>Session 4: Economics &amp; Marketing</b>	<b>Moderator</b>	<b>H. Kanomata</b>	
16:05	16:30	Existence of the Law of One Price for Japanese Timber Products	Kiyoshi Yukutake	University of Miyazaki	English
16:30	16:55	3次元図表による拡張型比較生産費モデルの考察 (Considering the modified Ricardian model for comparative cost analysis by 3D diagrams)	Yozaburo Ejiri	Iwaki Meisei University	Japanese
16:55	17:20	Market benefits of chain-of-custody certification: perspectives of Japanese suppliers	Toshiaki Owari	The University of Tokyo	English
17:20	17:30	<b>Break</b>			
		<b>Session 5: Poverty &amp; Forestry</b>	<b>Moderator</b>	<b>N. Sasaki</b>	
17:30	17:55	Roles of NTFPs in Poverty Alleviation in Cambodia - A Case Study in Phnum Kok Forest Community	Sophanarith Kim	Shinshu University	English
17:55	18:20	Capturing Nested Spheres of Poverty: A Model for Multi-dimensional Poverty Analysis and Monitoring	Wil de Jong	Kyoto University	English
19:00	21:00	<b>Symposium Party: 十六長屋</b>			

<b>2007/3/18</b>					
		<b>Session 6: Environment &amp; Forestry</b>	Moderator	<b>T. Hiroshima</b>	
9:00	9:25	Planned Adaptation to Climate Change: An Application in Forest Conservation	Kevin Crowe	Lakehead University	
9:25	9:50	A Study on the Environmental Consciousness of China in comparison with Japan	Shourong Wu	Tokyo University of Agriculture	
9:50	10:00	<b>Break</b>			
		<b>Session 7: Landscape Modeling</b>	Moderator	<b>H. Kondoh</b>	
10:00	10:25	G I S を用いた森林分布の連続性に関する評価手法の開発 – 京都府木津町内の森林を対象として – (Development of Evaluation Method about Continuousness of Forest Distribution by using GIS – A case study in Kizu Town, Kyoto Prefecture)	Tsutomu Okuda	Kyoto Prefectural University	Japanese
10:25	10:50	京都市宝ヶ池周辺丘陵地でのエコトープ分析 (Ecotope Analysis at Hilly Zone in and around Takaraga-Ike Area, Kyoto)	Misako Fujiwara	Kyoto Prefectural University	Japanese
10:50	11:15	リモートセンシングデータを用いたスギ林冠雪害の発生に関与する地形因子の評価 (Application of remotely sensed data to the assessment of terrain factors affecting snow-accretion damage in Japanese cedar forests)	Kotaro Zushi	Toyama Forestry and Forest Products Research Center	Japanese
11:15	11:25	<b>Break</b>			
		<b>Session 8: Thoughts &amp; Practices</b>	Moderator	<b>N. Matsumura</b>	
11:25	11:50	Modernization of intelligence in Forest Management Science in Terms of Mathematical Formulation	Mitsuhiro Minowa	Tokyo University of Agriculture	English
11:50	12:15	日本における森林資源管理の問題点 (Current Issues of Forest Management in Japan)	Hirokazu Yamamoto	The University of Tokyo	Japanese
12:15	12:40	Analysis on the reverted mean of log price dynamics through stochastic modeling	Atsushi Yoshimoto	Tohoku University	English
	<b>12:40</b>	<b>End: Closing Remark</b>	Atsushi Yoshimoto		