

FORMATH TACHIKAWA 2010
Program: March 13 (Sat) - 14 (Sun)

Date	March 13, 2010 (Sat)		
12:50 ~ 13:00	Opening	Naoto Matsumura	Mie Univ.
1.	Carbon Issues	Coordinator Atsushi Yoshimoto	ISM
13:00 ~ 13:25	The implications of carbon markets for global timber trade	Brent Sohngen	Ohio State Univ.
13:25 ~ 13:50	REDD development in Cambodia	Ty Sokhun	Cambodia Forestry Admin.
13:50 ~ 14:15	Potential carbon sinks in tropical forests under the REDD-plus mechanism	Nophea Sasaki	Univ. of Hyogo
14:15 ~ 14:35	Coffee Break		
2.	Ecology & Landscape Management	Coordinator Masashi Konoshima	Tohoku Univ.
14:35 ~ 15:00	Field Application of a Forest Landscape Zoning Method	Hee Han	Seoul Nat'l Univ.
15:00 ~ 15:25	Developing a habitat suitability index model for white-backed woodpecker (<i>Dendrocopos leucotos</i>) in south Korea	Ara Seol	Seoul Nat'l Univ.
15:25 ~ 15:50	Harvest scheduling for strip shelterwood system	Robert Marušák	Czech Univ.
15:50 ~ 16:10	Coffee Break		
3.	Monitoring & Survey	Coordinator Takuya Hiroshima	Univ. of Tokyo
16:10 ~ 16:35	Risk assessment of wind disturbance in individual tree level based on multitemporal airborne LiDAR data: A case study in Jingu Shrine Forest, Mie Prefecture, Japan	Satoshi Tsuyuki	Univ. of Tokyo
16:35 ~ 17:00	Using global positioning system (GPS) technology for tree marking in a natural forest under single-tree selection system	Toshiaki Owari	Univ. of Tokyo
17:00 ~ 17:15	Coffee Break		
4.	Stochastic Modeling	Coordinator Naoto Matsumura	Mie Univ.
17:15 ~ 17:35	Comparison of stochastic price models in Finnish stumpage market	Saeed Bayazidi	Univ. of Helsinki
17:35 ~ 17:55	Searching for structural change in market-based log price with regard to the estimated parameters	Atsushi Yoshimoto	ISM
17:55 ~ 18:25	Keynote Lecture Estimation issues in stochastic market modeling	Juan Carlos Jimenez	ICIMAF
18:30 ~ 20:30	Research Discussion & Meeting		

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Date	March 14, 2010 (Sun)		
5.	Forest Damage	Coordinator Hidesato Kanomata	FFPRI
9:30 ~ 9:55	Forest resource distribution map on mass mortality of oak trees (Japanese oak wilt) (in Japanese)	Hiroshi Kondoh	FFPRI Kyushu
9:55 ~ 10:20	Wind damage prediction model for Tomakomai National Forest based on the wind damages by Typhoon 200418	Masayoshi Takahashi	FFPRI Hokkaido
10:20 ~ 10:45	Remotely sensed change detection based on spectral shape for the wind damaged forest (in Japanese)	Tsuyoshi Kajisa	Kyushu Univ.
10:45 ~ 10:55	Coffee Break		
6.	Growth Modeling I	Coordinator Takuya Hiroshima	Univ. of Tokyo
10:55 ~ 11:20	The application of “Harvesting cash forecast system” for jointly implemented harvesting areas	Tohru Nakajima	Univ. of Tokyo
11:20 ~ 11:45	Parameterization of a carbon cycle model based on long-term permanent plot data: With the consideration of canopy structure (in Japanese)	Yasushi Mitsuda	FFPRI
11:45 ~ 12:10	Bayesean method for predicting forest tree growth curve	Yoshiyuki Ninomiya	Kyushu Univ.
12:10 ~ 13:00	Lunch Break		
7.	Carbon & Policy	Coordinator Masashi Konoshima	Tohoku Univ.
13:00 ~ 13:25	Analysis on forest owners' intention to harvest and replanting their planted forests (in Japanese)	Hiroyasu Oka	FFPRI
13:25 ~ 13:50	Promotion policies for utilizing electricity from woody biomass in Austria and Japan (in Japanese)	Hiroko Eto	Univ. of Hyogo
13:50 ~ 14:15	Public perception on global climate change mitigation – an application of ICT tools	Chay Sengtha	Univ. of Hyogo
14:15 ~ 14:25	Coffee Break		
8.	Economic Analysis	Coordinator Yasushi Mitsuda	FFPRI
14:25 ~ 14:50	Impacts of China's changes on Japan and other main countries	Yufu Zhang	FFPRI Hokkaido
14:50 ~ 15:15	Poverty and commercialization of NTFPs	Alejandro Lopez-Feldman	CIDE
15:15 ~ 15:40	Carbon sequestration and the optimal forest harvest decision: a dynamic programming approach considering biomass and dead organic matter	Patrick Asante	Univ. of Alberta
15:40 ~ 15:50	Coffee Break		
9.	Growth Modeling II	Coordinator Nophea Sasaki	Univ. of Hyogo
15:50 ~ 16:15	Growth modeling in complex forest systems: CORKFITS a tree spatial growth model for cork oak woodlands	Nuno de Almeida Ribeiro	Univ. of Evora
16:15 ~ 16:40	Software development for forest growth models and management. Corkfits: web based growth simulator	Peter Surovy	Univ. of Evora
16:40 ~ 17:05	Yield prediction of <i>Acacia mangium</i> plantation in Southeast Asia	Naoto Matsumura	Mie Univ.
17:05	Closing	Atsushi Yoshimoto	ISM