

## International Seminar on Forest Resource Management in Cambodia

Date: August 23-25, 2011

Venue: Sunway Hotel, Phnom Penh, Cambodia

Sponsor: Risk Analysis Research Center, The Institute of Statistical  
Mathematics

Co- Sponsor: Tohoku University, Ecosystem Adaptability Global COE  
Organized by: Institute of Forest and Wildlife Research and Development of the  
Forestry Administration

### Tentative Programme

Date	Time	Subject	Responsible
Tuesday, 23 August 2011	08:00 – 08:30	Registration	Organisers
	Opening session 08:30 – 09:30	Welcome remarks by host organization	Dr. Ou Sirita, Deputy Head of FA Prof. Atsushi Yoshimoto
	08:30 – 09:30	Welcome remarks by sponsor organization  Opening remarks	H.E. Chheng Kimsun, Head of FA
	09:30 – 10:00	Group Photo	All participants
	10:00 – 10:30	Coffee/Tea	
	<b>Introduction session</b> 10:30 – 11:00	Introduction <ul style="list-style-type: none"> <li>• Introduction of participants</li> <li>• Objectives, expected results and programme</li> <li>• Organisational matters</li> </ul>	Dr. Sokh Heng
	<b>Morning Lecture</b> 11:00 – 12:00	Forestry and Carbon Cycle Modeling a) Reference Emission Level for Avoided Deforestation b) Reference Emission Level for Avoided Forest Degradation	Ass. Prof. Nophea Sasaki, Univ. of Hyogo
	12:00 – 13:00	Lunch	
	<b>Afternoon Lecture</b> 13:00 – 15:00	Mathematical Programming for Forest Resource Management a) Dynamic programming b) Linear programming c) Integer programming	Prof. Atsushi Yoshimoto, Institute of Statistical Mathematics
	15:00 – 15:30	Coffee/Tea	
	<b>Afternoon Lecture</b> ctd. 15:30 – 16:00	Introduction of forest research activities of the Institute of Forest and Wildlife Research and Development	Dr. Sokh Heng, Acting Director of Institute of Forest and Wildlife Research and Development
	<b>Afternoon Lecture</b> ctd. 16:00 – 16:30	Introduction of forest research activities of the RUA	Prof. Von Monin, Dean of University of Forest, RUA

	<i>Afternoon Lecture</i> ctd. <b>16:30 – 17:00</b>	Introduction of forest research activities of the RUPP	Prof. Seak Sophat, Royal University of Phnom Penh
	<i>Afternoon Lecture</i> ctd. <b>17:00 – 17:30</b>	Introduction of forest research activities of the CDRI	Dr. Koy Ra, Programme Manager, Cambodia Development Research Institute
	<b>17:30 – 20:00</b>	Discussion for Collaboration (dinner incld.)	Prof. Atsushi Yoshimoto

Date	Time	Subject	Responsible
<b>Wednesday,</b> 24 August 2011	<b>08:30 – 09:00</b>	Registration	Organisers
	<i>Morning Lecture</i> <b>08:30 – 10:00</b>	Introduction of Statistical Analysis for Forest Growth Dynamics a) Single growth equation b) Estimation & inference c) Cox analysis	Prof. Ken-ichi Kamo, Sapporo Medical University
	<b>10:00 – 10:30</b>	Coffee/Tea	
	<i>Morning Lecture</i> <b>10:30 – 12:00</b>	Simulation & GIS application for Forest Resource Management & Economic Analysis a) Application of GIS for spatial forest management b) Simulation model for managing forest under the risk of natural disturbances (Fire, Invasive species) c) Simulation model of land use changes	Prof. Masashi Konoshima, University of the Ryukyus
	<b>12:00 – 13:00</b>	Lunch	
	<i>Discussion session</i> <b>13:00 – 15:00</b>	Group discussion (two groups) • Strength and Weakness in forest research in Cambodia • Potential research cooperation	All participants
	<b>15:00 – 15:30</b>	Coffee/Tea	
	<i>Discussion session</i> <b>15:30 – 17:00</b>	Discussion (plenary session) • Presentation of result from group One • Presentation of result from group Two	Group leader
	<b>17:00 – 19:30</b>	Discussion for Collaboration	Prof. Atsushi Yoshimoto

Day 25<sup>th</sup> August 2011: Field Excursion

Departure: Hotel lobby

Time: 8:30am

Destination: Kompong Chnang

Number of participants: 25 persons on a first come first serve basis by registration