Daily Program

Wednesday, Aug 30, 2023 (Conference Room, 1F, The First70 Hotel)	
9:00 – 10:00 AM	Registration Opens
10:00 – 10:10 AM	Welcome and Introduction
10:10 – 10:30 AM	Opening Remarks and Welcome Address ・ **Dr. Hyung-Soon Choi**, *Director at Warm and Temperate Research Center, National Institute of Forest Science, Korea* ・ **Prof. Atsushi Yoshimoto**, *Institute of Statistical Mathematics, Japan* ・ **Prof. Naoto Matsumura**, *Mie University, Japan* ・ **Prof. Chinsu Lin**, *National Chiayi University, Taiwan*
Session I Room: Conference room (1F) Moderator: **Asst. Prof. Hee Han**, *Seoul National University, Korea*	
10:30 – 11:10 AM	Assessing Cultural Ecosystem Services Supply and Demand Using Agent-Based Modeling* (**Mr. Moongi Choi**, *University of Utah, USA*)
11:10 – 11:50 AM	Forest Ecosystem Services of Gotjawal in Jeju island** (**Dr. Ara Seol**, *National Institute of Forest Science, Korea*)
11:50 – 1:30 PM	**Luncheon**
Session I Room: Conference room (1F) Moderator: **Prof. Masashi Konoshima**, *University of Ryukyus, Japan*	
1:30 – 2:10 PM	Estimate of Forest Soil Carbon Stock in Taiwan* (**Prof. Chen-Chi Tsai**, *National Ilan University, Taiwan*)
2:10 – 2:50 PM	A System-Based Approach to Mitigating Climate Change in the Swedish Forest Sector** (**Dr. Nicklas Forsell**, *International Institute of Applied Systems Analysis, Austria*)
2:50 – 3:30 PM	Evaluating Mangrove Ecosystems for Natural Carbon Sequestration in South Korea's Climate Strategy** (**Dr. Bora Lee**, *National Institute of Forest Science, Korea*)
3:30 – 4:00 PM	**Coffee Break**
Session II Room: Conference room (1F) Moderator: **Dr. Nicklas Forsell**, *International Institute of Applied Systems Analysis, Austria*	
4:00 – 4:40 PM	Revisiting Thinning Strategy Optimization for Timber Production in *Pinus kesiya* Stands of Vietnam Using Dynamic Programming** (**Prof. Masashi Konoshima**, *University of Ryukyus, Japan*)
4:40 – 5:20 PM	An Appropriate Subsidized Thinning Schedule for Makino Bamboo Forest to Achieve Carbon Reduction* (**Asst. Prof. Ying-Ta Chen**, *National Ilan University, Taiwan*)
5:20 – 6:00 PM	Analyzing the Economic Value of Private Forests through Integrated Production of Timber and Non-Timber Forest Products in South Korea** (**Mr. Gihyun Park**, *Seoul National University, Korea*)
6:30 – 8:30 PM	**Dinner** (supported by Seoul National University, Korea)

Joint International Symposium on Sustainable Forest Ecosystem Management (SFEM) 2023

Thursday, Aug 31, 2023 **(Conference Room, 1F, The First70 Hotel)**	
9:30 – 10:00 AM	Registration Opens
Session III Room: Conference room (1F) Moderator: **Assoc. Prof. Akemi Itaya**, *Mie University, Japan*	
10:00 – 10:40 AM	Optimal Deep Learning Model for Classification of Species Based on LiDAR Point Cloud** (**Dr. Jintaek Kang**, *National Institute of Forest Science, Korea*)
10:40 – 11:30 AM	Machine Learning in Forestry: Advanced Tree Analysis Using Convolutional Neural Networks* (**Mr. Tae Kyung Kim**, *Seoul National University, Korea*)
11:30 – 12:10 AM	Stochastic Modeling and Landscape Management** (**Prof. Atsushi Yoshimoto**, *Institute of Statistical Mathematics, Japan*)
12:10 – 1:30 PM	**Luncheon**
Session IV Room: Conference room (1F) Moderator: **Dr. Jintaek Kang**, *National Institute of Forest Science, Korea*	
1:30 – 2:10 PM	Identification of Forest Fires and Assessment of Carbon Storage Loss Using Landsat-8 Remote Sensing Data: Experiments with Yushan National Park in Taiwan** (**Mr. Chih-Lin Liu**, *National Chung Hsing University, Taiwan*)
2:10 – 2:50 PM	A Study on the Machine Learning-Based Forest Stand Height Estimation Model Using Remote Sensing** (**Mr. Mooyoung Lim**, *Kyungpook National University, Korea*)
2:50 – 3:10 PM	**Coffee Break**
Session V Room: Conference room (1F) Moderator: **Prof. Chinsu Lin**, *National Chiayi University, Taiwan*	
3:10 – 3:50 PM	A High Spatial Resolution Land Surface Phenology Dataset for AmeriFlux and NEON Sites* (**Asst. Prof. Minkyu Moon**, *Kangwon National University, Korea*)
3:50 – 4:30 PM	Classification of South Korean Natural Forest Communities Using AI Models* (**Mr. Seunguk Kim**, *Seoul National University, Korea*)
4:30 – 5:00 PM	**Poster Session** (moderated by **Asst. Prof. Hee Han**, *Seoul National University, Korea*)
5:30 – 7:00 PM	**Dinner** (supported by Institute of Statistical Mathematics, Japan)
7:00 – 8:30 PM	**Panel Discussion on Local Communities and Sustainability**
Friday, Sep 1, 2023 **(One-Day Excursion)**	
9:00 AM - 3:00 PM	**Field Trip** Seongsan Sunrise Peak (UNESCO World Natural Heritage) Geomun Oreum Volcanic Cone (UNESCO World Natural Heritage) Jeju Gotzawal Forests

Note: * indicates online presentation, ** indicates presentation invited.