

SFEM Japan 2025 (Hakodate, Hokkaido)

Program: Aug. 7 (Thu) - 8 (Fri)

August 7, 2025

09:30 ~ 9:40	Opening Remarks	Dr. Yoshimoto	
1.	Session 1	Coordinator: Dr. Konoshima	Affiliation of the first author
9:40 ~ 10:10	Land use and land cover assessment within the Batanes protected landscapes and seascapes	Nova Deyaan Doyog	Benguet State University, Philippines
10:10 ~ 10:40	Damage Detection and Characteristics of Forest Fires in Japan in Early Spring 2025 Using Sentinel-2 Satellite Imagery	Masayoshi Takahashi	FFPRI, Japan
10:40 ~ 11:10	Classification of Major Forest Tree Species in South Korea Based on Deep Learning on LiDAR Point Cloud Data	Jin-Taek Kang, J.M.Park, Y-O. Seo	National Institute of Forest Science, Republic of Korea
11:10 ~ 11:20	<i>Break</i>		
2.	Session 2 (Online)	Coordinator: Dr. Toyama	
11:20 ~ 11:50	Understanding the Mechanism of Sediment Runoff in Logging Areas through UAV Surveying and Field Survey	Isao Okabe	University of Miyazaki, Japan
11:50 ~ 12:20	Detecting Changes in Site Index of Sugi (<i>Cryptomeria japonica</i>) Planted Forest Using DSMs Derived from Airborne LiDAR and Aerial Photographs in Miyazaki, Japan.	Mohammad Alem Soroush	University of Miyazaki, Japan
12:20 ~ 13:20	<i>Lunch</i>		
3.	Session 3	Coordinator: Dr. Obata	
13:20 ~ 13:50	Development of a method for estimating Lorey's height and stand volume of deciduous broadleaf forests using airborne laser scanning	Eiji Kodani, S. Tanaka, F.Kitahara, T. Nishizono	FFPRI, Japan
13:50 ~ 14:20	Benchmarking Tree-Based Machine Learning Models for Predicting Forest Inventory Variables from Active and Passive Remote Sensing Data (Online)	Peter Surový	Czech University of Life Sciences Prague, Czech Republic
14:20 ~ 14:50	Modeling CTL Machine Productivity Using StanForD and LiDAR Data in Japan	Steffen Lahrsen	Utsunomiya University, Japan (Germany)
14:50 ~ 15:00	<i>Break</i>		
4.	Session 4	Coordinator: Dr. Takahashi	
15:00 ~ 15:30	Who have applied forest projects of J-Credit, and what percentage of forest carbon sequestration can be converted into credits?	Keisuke Toyama	Iwate University, Japan
15:30 ~ 16:00	Impacts of Operational Plan Backlogs in the Mid-Hills Community Forests of Nepal (Online)	Bir Bahadur Khanal Chhetri	Tribhuvan Univ.Institute of Forestry, Pokhara, Nepal
5.	Session 5 (Poster)	Coordinator: Dr. Itaya	
16:00	Development of Weight Estimation Equation for <i>Quercus acutissima</i> and <i>Quercus mongolica</i>	Yeon Ok Seo	National Institute of Forest Science, Republic of Korea
~	Estimating available unused dead wood materials introducing Japanese forestry machinery in Mongolia	Kanta Takagi	Utsunomiya University, Japan
16:30	Policy Enhancement of the National Forest Planning System in Korea through Comparative Analysis of Japan and Finland	Joungwon You, H. Kim, H.Han	Seoul National University, Republic of Korea

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6.	Session 6	Coordinator: Dr. Itaya	
9:30 ~ 10:00	A statistical methodology for assessing northward expansion of plants under climate change	Woosung Kim, S.Y. Jung	National Institute of Forest Science, Republic of Korea
10:00 ~ 10:30	Tree Height Estimation using Nonlinear Mixed-Effects Models: A Case Study of National Forest Inventory in South Korea	Joonghoon Shin, J.Im, H.Han	Seoul National University, Republic of Korea
10:30 ~ 11:00	Re-estimation of the Stand Density Diagram for <i>Pinus kesiya</i> in Vietnam Using the Generalized Least Squares Method (GLS) and Its Integration with Dynamic Programming	Masashi Konoshima, L.T. Ha, K. Kamo, A.Yoshimoto	University of the Ryukyus, Japan
11:00 ~ 11:10	Break		
7.	Session 7	Coordinator: Dr. Hee	
11:10 ~ 11:40	Stand Density Management and Growth Models of <i>Quercus glauca</i> and <i>Quercus acuta</i> Stands	Su Young Jung, W. Kim	National Institute of Forest Science, Republic of Korea
11:40 ~ 12:10	Model Selection for Stand Density Management Diagrams Using the Korean Pine (<i>Pinus koraiensis</i>) Yield Tables	Ken-ichi Kamo, J. You, H. Han, M. Konoshima, A. Yoshimoto	Sapporo Medical University, Japan
12:10 ~ 12:40	Evaluating Volume Functions Derived from Stand Density Management Diagram	Ashi Yoshimoto, J. You, H. Han, M. Konoshima, K. Kamo	Institute of Statistical Mathematics, Japan
12:40 ~ 13:40	Lunch		
8.	Session 8	Coordinator: Dr. Doyog	
13:40 ~ 14:10	Species-Site Suitability Analysis of <i>Vaccinium myrtilloides</i>	Marissa Reyes Parao	Benguet State University, Philippines
14:10 ~ 14:40	Factors affecting personal protective response of residents to Natural Disasters in Mountainous Areas: A Case Study of Muong Gion Commune, Son La Province, Vietnam	Tetsuya Michinaka	FFPRI, Japan
14:40 ~ 15:00	Effects of land use and land cover and elevation on land surface temperature: a multi-temporal analysis in Baguio city, Cagayan de Oro city, la Trinidad, Benguet and Quezon city (Online)	Angelica Sagayo Docayag	Benguet State University, Philippines
15:00 ~ 15:10	Break		
9.	Session 9 (Online)	Coordinator: Dr. Obata	
15:10 ~ 15:30	Blue carbon stock assessment of mangroves in Barangay Tinib, Casiguran, Aurora, through remote sensing and machine learning regression techniques	Shientany San Cabanayan Roque	Benguet State University, Philippines
15:30 ~ 15:50	GIS-Based Landslide Susceptibility Assessment of the Upper Marikina River Basin Protected Landscape, Rizal Province, Philippines, using Analytic Hierarchy Process	Clarence Gio Saño Almoite	Benguet State University, Philippines
15:50 ~ 16:10	Application of a Bayesian Ensemble Meta-Learning Framework with Recursive Feature Elimination in Modeling Bamboo Species Distribution in Benguet, Philippines	John Paul M. Payopay, R.I.C. Lumbres, N. D. Doyog, L.J. Talkasen, K. K.A. Polon, M.N.T. Lingaling, N.N.Carantes	Benguet State University, Philippines
16:10 ~ 16:20	Closing Remarks	Dr. Yoshimoto	