

Daily Programme

Wednesday, May 28, 2014 (Convention Center, Hoam Faculty House)	
8:30 – 9:20 AM	Registration Opens
9:20 – 9:40 AM	Welcome and Introduction
Plenary session Room: Mugunghwa Hall (2F) Moderator: Prof. Hyun-Seok Kim , <i>Seoul National University, Korea</i>	
09:40– 10:00 AM	Forest, forestry and forest research in Korea (Prof. Kyu-Suk Kang , <i>Seoul National University, Korea</i>)
10:00– 10:40 AM	Keynote Address: Sustainable Forest Ecosystems: Theory of Forests and Humans Interaction (Prof. Joseph Roise , <i>North Carolina State University, USA</i>)
10:40– 11:00 AM	Break
Session I Room: Mugunghwa Hall (2F) Moderator: Prof. Chinsu Lin , <i>National Chiayi University, Taiwan</i>	
11:00– 11:20 AM	Grouping the spatial diverse of forest characteristics in carbon sequestration – an example of Camphor Tree (<i>Cinnamomum camphora</i>) in Taiwan (Prof. Fong-Long Feng , <i>National Chung Hsing University, Taiwan</i>)
11:20– 11:40 PM	Forest biomass estimation using satellite images in upper parana atlantic forest ecoregion, Paraguay (Dr. Masayoshi Takahashi , <i>Forestry and Forest Products Research Institute, Japan</i>)
11:40– 12:00 PM	Greenhouse gas emission/removals of forest in LULUCF sector by municipalities (Dr. Raehyun Kim , <i>Korea Forest Research Institute, Korea</i>)
12:00– 12:20 PM	Evaluation of carbon offsetting effects and greenhouse gas emissions for Korean wooden house throughout life cycle stages (Mr. Whi-Lim Son , <i>Korea Forest Research Institute, Korea</i>)
12:20– 1:20 PM	Luncheon
Session II Room: Mugunghwa Hall (2F) Moderator: Prof. Masashi Konoshima , <i>University of the Ryukyus, Japan</i>	
1:20– 1:40 PM	Time variant distribution of sugi log prices based on reverting (Prof. Atsushi Yoshimoto , <i>Institute of Statistical Mathematics, Japan</i>)
1:40– 2:00 PM	Modeling tree height-diameter and tree crown recession for major coniferous species in Taiwan (Prof. Chao-Huan Wang , <i>National Ilan University, Taiwan</i>)
2:00– 2:20 PM	Tree ring characteristics of plantation Taiwan Firs (<i>Taiwania cryptomerioides</i>) in central Taiwan (Dr. Shing-Wang Liu , <i>National Taiwan University, Taiwan</i>)
2:20– 2:40 PM	A study on long term monitoring of major coniferous planting trees (<i>Pinus koraiensis</i> , <i>Pinus densiflora</i> , <i>Larix kaempferi</i>) in Korea – a case study on individual growth pattern by stem analysis (Dr. Yeongwan Seo , <i>Kangwon National University, Korea</i>)
2:40 – 2:50 PM	Break

Session III	
Room: Mugunghwa Hall (2F)	
Moderator: Dr. Hyun Park , <i>Korea Forest Research Institute, Korea</i>	
2:50– 3:10 PM	Sustainability of selective logging in tropical seasonal forests in Asia (Prof. Nobuya Mizoue , <i>Kyushu University, Japan</i>)
3:10– 3:30 PM	Aboveground carbon estimation of forest stands using tree-based LiDAR metrics and growth competition index (Prof. Chinsu Lin , <i>National Chiayi University, Taiwan</i>)
3:30– 3:50 PM	Inter-species comparisons in water use with different water irrigation regimes at Korea-Mongolia greenbelt plantation (Mr. Sungsik Cho , <i>Seoul National University, Korea</i>)
3:50– 4:10 PM	Predicting land use/land cover change impacts on water and sediment yields using SWAT model in the Laguna de Bay watershed, Philippines (Ms. Azyleah C. Abino , <i>Kongju National University, Korea</i>)
4:10 – 4:30 PM	Break
Session IV	
Room: Mugunghwa Hall (2F)	
Moderator: Dr. Hyun-Kook Cho , <i>Korea Forestry Promotion Institute, Korea</i>	
4:30 – 4:50 PM	Spatial-and-temporal optimization model for mountain ginseng cultivation in South Korea (Dr. Hee Han , <i>Seoul National University, Korea</i>)
4:50 – 5:10 PM	Ecological sustainability of human-induced intervention in mountain forests of Bhutan Himalaya (Dr. Mani Ram Muktan , <i>Korea Forest Research Institute, Korea</i>)
5:10 – 5:30 PM	Assessment of local people’s dependency on selectively logged production forest: A case study of Southeastern Bago Yoma, Myanmar (Mr. Thein Saung , <i>Kyushu University, Japan</i>)
5:30 – 5:50 PM	Forest ecosystem services quantification and biodiversity conservation in Korea (Ms. Hyun-Ah Choi , <i>Korea University, Korea</i>)
6:30– 8:30 PM	Banquet
Thursday-Friday, May 29-30, 2014 (Two-Day Excursion)	
9:00 AM - 6:00 PM	Field Trip Korean Folk Village Daegwallyeong National Recreation Forest Eulji Observatory & Punch Bowl

9:20 AM –
5:30 PM

Poster Session

1. Development of Site Index Equation and Curves for *Larix leptolepis* at Minjuji Mountain Muju, Korea
Hyun-Jun Kim, Hyun-Soo Kim, Se-Ik Park, Sang-Hyun Lee
2. Stand Structure and Growth Characteristics at Different Elevations
Hyun-Seop Kim, Tae-Young Song, Koo-Hyun Cho, Ho-Seong Mun
3. Estimating The Annual Water Requirement of The *Pinus densiflora* Plantation on Burned Area in Samcheok, Korea
Chanwoo Park, Yong-Suk Kim, Namin Koo, Joo-Hoon Lim
4. A Classification for Mapping the Distribution of Tree Species in Mixed Forests
Chinsu Lin, Khongor Tsogt
5. Short-term effects of thinning on stand growth and aboveground carbon stocks of *Quercus spp.* stands with different thinning intensities in central Korea
Kyungwon Seo, Sangtae Lee, Jungkee Pyo, Kyungjae Lee
6. Establishment of short rotation coppice on the Saemangeum reclaimed coastal land in Korea
Sangtae Lee, Kyungwon Seo, Jungkee Pyo, Kyungjae Lee
7. Discussion on the microclimate patterns by regeneration methods in the post-fire forest stands
Jeonghwan Kim, Jino Kwon, Joo-Hoon Lim
8. Influence of evapotranspiration on water balances of temperate coniferous and sub-tropical evergreen forests
Hong Geun Lim, Hyung Tae Choi, Su-Jin Kim
9. Prediction of the potential effects of a climate change on forest hydrology
Hyung Tae Choi
10. A new method to quantify temporal validity of thinning in the Japan Cedar plantation
Shu-Tzong Lin
11. Forest survey and analysis for carbon sequestration in Hepping Working Circle
Yu-Min Kao, Chao-Huan Wang
12. The Characteristics and the Type Classification of Forest Biotope
Donghyuk Kim, Giseun Kim, Taeho Kang
13. Evaluation for repeated data of survey plot using mixed model: Case for *Quercus variabilis* in the Gangwon region
Jungkee Pyo, Sangtae Lee, Kyungwon Seo, Sukkuwon Kim
14. Harvesting productivity and cost of cable logging in Korea
Koo-Hyun Cho
15. Study on creation and management of uneven-aged and mixed plantations in Luanta-fir forest
Chih-Ming Chiu
16. An analysis on productivity and cost of the logging operation for utilization of the forest-biomass
Ho-Seong Mun, Koo-Hyun Cho, Sang-Jun Park
17. Participatory Forest Management Planning as a Prerequisite to Sustainable Forest Management
Lynn J. Talkasen, Dong Geun Kim, Kwan Hee Lee
18. Mapping and Application of Forest Site and Soil Map in South Korea
Sol-E Choi, Changeun Choi, Taeho Jeon, Young-Suk Kim
19. Evaluation of Forest Ecosystem Health Using Stand Structure Analysis in Korean Nut-pine Plantations
Jung-Woo Chae, Chung-Weon Yun, Hye-Jin Kim, Sung-Hyun Joo
20. Reviews on the classifiers for estimating forest stand-level characteristics using satellite imagery: Maximum likelihood classification, kNN, and regression analysis
Hojung Kim, Young-hwan Kim

21. Correlation Analysis and Growth Prediction between Climatic Elements and Radial Growth for *Pinus Koraiensis* in South Korea
Junmo Chung, Hyunseop Kim, Sangtae Lee, Sangwon Bae, Manyong Shin, Meesook Kim, Youngwoo Chun
22. Discussion on the microclimate patterns by regeneration methods in the post-fire forest stands
Jeonghwan Kim, Jino Kwon, Joo-Hoon Lim
23. An Analysis of Preferences of Forest-Interpreter
Il Sun Choi, Si Yeon Ha, Ji Won Son
24. An Analysis of Preferences of Forest Trail Instructor
Il Sun Choi, Si Yeon Ha, Ji Won Son
25. An analysis of support systems and the actual management condition agroforestry in Korea
Jeong-Weon Seo, Seong-Hak Kim
26. Effect of forest practice on soil microbial community in Mt. Sambong, South Korea
Byeong-Ju Lee and Soo Hyung Eo
27. An Application of Standard Diagnostic Table for Management Decision Making on Forestry Products-Focused on Oak Mushroom Management Cases of Gyeonggi and Chungnam provinces
Jungmin Lee, Junheon Jeon, Seongyoun Lee
28. Comparative Analysis of SFM Implementation in Mt. Maehwa Special Management Plan Area -By comparing forest management plans and forest project implementation practices-
Seongyoun Lee, JinYoung Shin
29. Growth Performance Analysis of *Pinus Koraiensis* Stand for SFM Implementation Planning- with the case in Mt. Maehwa
JinYoung Shin, Seongyoun Lee
30. Study on the General Public for direction of Forest Landscape Management
Dae-Hyun Kim, Jun-Hyung Park, Yong-Bae Park, Byung-Oh Yoo, Suk-Kwon Kim, Kyung-Jae Lee, Su-Young Jung and Kwang-Soo Lee
31. Evergreen Broad-Leaved Trees Management by Freezing Damage Characteristics on Urban Forest
Kwang-Soo Lee, Su-Young Jung, Byung-Oh Yoo, Nam-Gue Ju, Hyun-Chul Shin, Hyung-Ho Kim, Joon-Hyung Park
32. Effect of Water Soluble Silicate Fertilizer Application on *Zoysiagrass* Cultivation
Jeong-Ji Han, Kwang-Soo Lee, Yong-Bae Park, su-young Jung
33. Biomass Estimation of *Phyllostachys pubescens* and *Phyllostachys nigra* var. *henonis* stands in Damyang
Kwang Soo Lee, Su Young Jung, Byung Oh Yoo, Jun-Hyung Park, Nam-Gyu Ju, Choonsig Kim
34. Belowground carbon storage by stand age classes and regions of red pine (*Pinus densiflora*) and cork oak (*Quercus variabilis*) stands in Southern Korea
Nam-Gyu Ju, Kwang-Soo Lee, Yowhan Son, Rae-Hyun Kim, Choonsig Kim
35. A study on the Baseline Carbon Stock for Major Species in Korea for Conducting Carbon Offset Projects based on Forest Management
Young-hwan Kim, Eo-jin Jeon
36. The Establishment of Forest Function Maps in South Korea
Soon-duk Kwon, Won Kyung Kim, Hyung Ho Kim
37. Implication for Forest Land Management by Analyzing the Relationship between Land Development and Forest Fragmentation
Mina Kim, Won Kyung Kim, Soon-duk Kwon
38. An Analysis on the Current Situation and Problems of Forest Land Classification
Won Kyung Kim, Soon-duk Kwon, Mina Kim, Youngkyu Park
39. Differences in forest resources use among villagers in Svay Bakav Community forest, Cambodia
Dy Vutheara, Tsuyoshi Kajisa, Tetsuji Ota, Shigejiro Yoshida, Ma Vuthy, Sokh Heng, Nobuya Mizoue

40. Using digital stereo viewing of aerial photograph to measure tree height and estimate above-ground biomass in tropical seasonal forest -case study of Kampong Thom Province, Cambodia-
Katsuto Shimizu, Tsuyoshi Kajisa, Tetsuji Ota, Nobuya Mizoue, Shigejiro Yoshida, Gen Takao, Yasumasa Hirata, Naoyuki Furuya, Takio Sano, Sokh Heng, Ma Vuthy
41. Evaluation of Factors Affecting Structure and Diversity of Selectively Logged Forests: A Case Study in Northeastern Bago Yoma, Myanmar
Zar Chi Win, Nobuya Mizoue, Tsuyoshi Kajisa, Tetsuji Ota, Shigejiro Yoshida, Thaung Naing Oo, Myat Su Mon, Naing Zaw Tun, Hwan Ok Ma
42. Stand converting experiment of *Larix kaempferi* plantation to induce natural deciduous trees at Mt. Gariwang, Korea
Hyun-Seop Kim, Tae-Young Song, Koo-Hyun Cho, Ho-Seong Mun
43. Forest change monitoring using National Forest Inventory data
Eun-Sook Kim, Cheol-Min Kim
44. Proposal of forest information system “e-forest” and its concept
Naoto Matsumura
45. Estimation of Factors Affecting Crown-Fire Initiation using Nomographs in the *Pinus densiflora* Stands in Korea
Mina Jang, Sungyong Kim, Azyleah C. Abino, Youngjin Lee
46. Estimation of Forest Carbon Stocks by Land Use Types and Land Use Changes in Tropical Forest of Lombok, Indonesia
Jintaek Kang, Cheolmin Kim, Raehyun Kim, Jae Soo Bae and Hyun Park
47. Thinning intensity effects on transpiration and productivity of 50-year-old *Pinus koraiensis* stands
Juhan Park, Taekyu Kim, Minkyu Moon, Sungsik Cho, Daun Ryu, Hyun-Seok Kim
48. Comparison of Standard Volume Table and Local Volume Table to Estimate Stem Volume in Three Regions
Jintaek Kang, YeongMo Son, Sowon Kim, Sunjeong Lee, Jeongsun Hwang
49. Thinning Monitoring Inventory on Korean White Pine Plantation in Korea
Daesung Lee, Jungkee Choi, InhwaChoi
50. Development of Stem Volume Equations of Main Coniferous Species in South Korea
Euisub Lee, Isub Lee, Daesung Lee, Yeongwan Seo, Jungkee Choi
51. Overview of Forest Resources and Industry in Malaysia
Vanielie Terrence Justine, Jungkee Choi
52. Preferences of recreationists for vegetation types in Okinawa, Japan
Eri Takahashi, Diana Surova, Yuki Tamaki, Hosaka Kohei, Jun Teruya, Masashi Konoshima
53. Geotechnical Effects of Tree Thinning on Slope Stability in Mountain Forests
Sangjun Im, Joosang Chung, Eun Jai Lee, Song Yoo