Managing our Forests Based on the 4th Industrial Revolution Era : Big Data, AI Technology, and Climate-Smart Forestry

Friday, 6 May 2022 | 11:30 AM–1:00 PM PST

Organizer
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Presenters

Mr. Seung-Kii Lee, CEO, MVSoftech Co., Ltd.
Managing National Forest Based on the 4th Industrial Revolution Technology in Korea
Application strategy of 4th Industrial Revolution Technology for the development of National Forest Data Infrastructure

Dr. Nathaniel Anderson, US Forest Service
Opportunities for Big Data Analytics in Advanced Supply Chain Management for the Circular Economy in the Forest Sector
Development of mathematical inventory models that leverage big data to effectively manage forest biomass resources for energy, biofuels and bioproducts that deliver social, economic, and environmental benefits

Dr. Bum-Jin Park, Professor, Chungnam National University
Forest Recreation Based on Smart Forestry Using the 4th Industrial Revolution Technology in Korea
Suggestion of potential possibility for applying smart forestry on forest recreation

Dr. Yeo-Chang Youn, Institute for Sustainable Social-Ecological Society
A Development Project of Big Data on Forest Ecosystem Services in the Republic of Korea
Development of further databases for forest ecosystem services which can be utilized by private enterprise and public agencies for developing new business and policy strategies for sustainable forest management