

Prof. Woo-Kyun Lee

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Introduction & Research Interest

Prof. Woo-Kyun Lee finished Ph. D. course at college of forestry of Goettingen University in Germany. His research field is mainly Forestry, however he is also expert Geographic Information System (GIS), Forest growth model and climate change impact and adaptation. He is currently a Professor of Division of Environment Science & Ecological Engineering, College of Life & Environmental Science, Korea University and also a director of BK21+ Eco-Leader Education Center. He is working as a president of Korean Society of Climate Change Research, and vice president of Remote Sensing Society. His research interest focuses on Forest management planning (Stand-level forest management planning, Regional forest management planning, and Decision Support System (DSS) in forest management planning), Tree measurement and forest survey (Stem analysis, Taper model, Crown model, and Software for analyzing forest field data), Forest growth and yield model (Dynamic growth model, Competition Index, Single tree growth model, and Process model), Geographic Information System (GIS) and forest management planning (Forest development related to geo-morphological and spatial factors, Topographic index and forest site productivity, Micro-climate and forest development, and Decision Support System(DSS) based on GIS), Remote Sensing (RS) and forest management planning (RS-Application for forest inventory and monitoring, RS-Application for forest environment management), and Climate Change (Impact Assessment of Climate Change, Adaptation plans for climate change)