

2018 Fall - BK Student Progress Report

Journal Publication & Conference Presentation

Name	Advisor	Journal Publication	Title	Status From March 1st -					Role	Potential Committees
				Prep.	Review	Revision	Accepted	Published		
Yorum Hwang	Youngryel Ryu	Agricultural Forest Meteorology	Quantifying CO2, H2O, and CH4 fluxes over an intermittently-irrigated rice	1					4th	
Jongmin Kim	Youngryel Ryu	Agricultural Forest Meteorology	Continuous observation of vegetation indices, fraction of absorbed photosynthetically active radiation, and leaf area index using an integrated low-cost near-surface remote sensing system					1	3rd	
		Agricultural Forest Meteorology	Can sun-induced chlorophyll fluorescence track diurnal variations of GPP over the senescence period in vergreen needle leaf forest?	1					3rd	
Eun Joo Yoon	Dong Kun Lee	Urban Forestry & Urban Greening	Multi objective planning model for urban greening based on optimization algorithms				1		1st	
		Environmental Research letters	Adaptation options based on land-use to mitigate climate change impact					1	1st	
		Environmental and Planning B	How can we prioritize the expansion of green infrastructure considering the vegetation dynamic?			1			1st	
Byungsun Yang	Dong Kun Lee	Landscape and Urban Planning	Effects of Spatial Pattern of Green Infrastructure on Urban Runoff Reduction	1					1st	
		Landscape and Ecological Engineering	Influence of urban street trees canopy character on rainfall interception			1			1st	
You Jin Kwon	Dong Kun Lee	Energy and Buildings	Evaluating Thermal Comfort Under Urban Shade	1					1st	
Chaeyeon Park	Dong Kun Lee	Landscape and Urban Planning	Influence of urban form on the cooling effect of a small urban river					1	1st	
		Building and Environment	A multilayer mean radiant temperature model for pedestrians in a street canyon with trees					1	1st	
		Sustainable cities and society	Variations in pedestrian mean radiant temperature based on the interval and size of street trees			1			1st	
Jongook Lee	Dong Kun Lee	Natural Hazards and Earth System Sciences	Risk-based analysis of monitoring time intervals for landslide prevention: A case study of low temporal resolution methods				1		1st	
		ISPRS International Journal of Geo-Information	Application of Industrial Risk Management Practices to Control Natural Hazards Facilitating Risk Communication						1	
		Engineering Geology	Considering functional safety to control rock fall hazard (Tentative title)	1					1st	
Yiwen Han	Youngkeun Song	Landscape and Urban Planning	Role of landscape patterns in affecting ecosystem service provision: Habitat quality in the fragmented urban forests of Seoul, Korea	1					1st	
		Environmental monitoring and assessment	Spatial and temporal patterns of microclimates at an urban forest edge and their management implications					1	3rd	
Yunwon Choi	Heeyeun Yoon	Accident Analysis and Prevention	Do Silver Zones reduce auto-related elderly pedestrian accidents in Seoul, South Korea?						1 1st	
		Social Science & Medicine	The Relationship Between Physical Activity, Socioeconomic Status, Neighborhood Environment and Obesity, in South Korea: Structural Equation Modeling Analysis	1					1st	
		Health and Place	The effects of PM on outdoor recreational activities of citizens in urban context - the case of Seoul, South Korea	1					1st	
Seunghyun Lee	Saehoon Kim	Sustainable development and world ecology	Identifying Urban Heat Vulnerability based on damaged place	1						
Heejoon Choi	Youngkeun Song	Remote Sensing of Environment	Estimating three-dimensional changes in the canopies of urban forests using multi-temporal LIDAR datasets		1				1st	
			Urban ecological network based on three-dimensional structure of canopy cover and built environment	1					2nd	
Han Kyul Heo	Dong Kun Lee	Landscape and Ecological Engineering	Estimating Height and Diameter at Breast Height of Urban Park and Street Trees Using Mobile LIDAR		1				1st	
		Building and Environment	Sky View Factor Calculation in Complex Urban Geometry with Terrestrial LiDAR	1					1st	