

Complex Terrain and Ecological Heterogeneity (TERRECO)



The TERRECO project is an international cooperation in global change science between Kangwon National University (KNU), the Korean Forest Research Institute (KFRI) and the University of Bayreuth (UBT) in Bavaria, Germany. The project, which is financed by the national research foundations of Germany (DFG) and Korea (KOSEF), extends ongoing research in environmental science at both institutions. The faculty research groups of the KNU Institute of Environmental Science, the Bayreuth Center for Ecology and Environmental Research, and KFRI are interested in understanding the interactions of climate, hydrology, soil processes, the production of the forest and agricultural crops, and natural biodiversity in “Cultural Landscapes.”

Cultural landscapes are those in which a variety of every day activities are carried out, farming, recreation, tourism, small business, etc. In landscapes like those found in Haean-myun or the Eger Basin, Germany, people play an important role, interacting themselves with many ecological processes. Therefore, TERRECO studies also involve the field of social geography, attempting to understand the history of development in a region and the manner in which local populations live in harmony with nature. To accomplish our studies, we will install various scientific equipment in the landscapes that are shown above, and interact with the community to learn more about your activities.

The overall goal of the TERRECO project is to understand how expected climate change will influence life in our study areas. How will natural processes change? But also, how will people react to these changes? And what might they decide to do? With this insight, we hope to encourage good management, for example in forestry or agriculture, in developing environmental policy and regulations, etc. A successful future depends on understanding.

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