

Laboratory of Forest Management and Policy

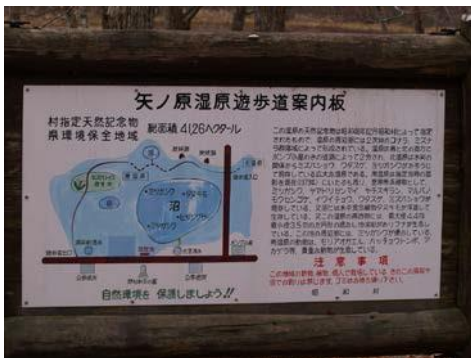
Ken SUGIMURA

k-sugimura@nagasaki-u.ac.jp



Forests cover two-thirds of Japan, and are intertwined with human life since they provide wood resources, wildlife habitat, recreational opportunities, CO2 absorption, control of water resources, and a means of preventing soil erosion. Bearing in mind the many functions that forests serve, our lab monitors forest environments and services using various simple indicators in order to elucidate the relationships between human activity and forest ecosystems, and develops policies that will allow humans and forests to coexist.

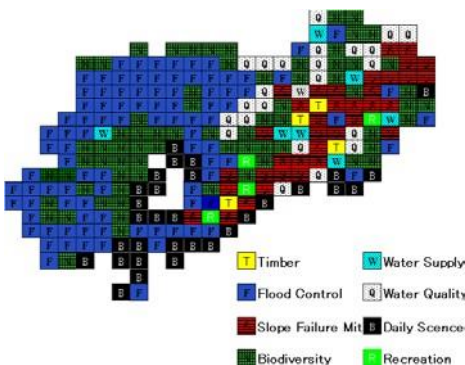
Our research requires that we perform the following: a) survey wildlife, forest use, and local economies in order to propose reasonable strategies that consider the protection of endemic species and the lives of local people; b) monitor recreational activities in rural landscapes and determine what kinds of ecosystem components people tend to value; c) compare the variety of forest services in order to determine to what extent people perceive that each individual function is important to their lives, while proposing methodologies that allow this perception to be applied to the forest planning process; and d) survey forest use in several domestic regions and analyze differences in forest use among those regions.



Recreational survey of a forested landscape



Monitoring wildlife populations and habitat conditions



Forest landscape zoning



National park planning and management to compromise forest use and wildlife conservation