International Session (Oral) | Symbol H (Human Geosciences) | H-GG Geography

[H-GG01_29PM1] International comparison of landscape appreciation
Convener: *Shogo Mizukami (Department of Public Policy, School of Sociology, Bukkyo University),
Chair: Christoph Rupprecht (Griffith School of Environment, Griffith University), Norimasa TAKAYAMA (Forestry and Forest Products Research Institute in Japan)
Tue. Apr 29, 2014 2:15 PM - 4:00 PM  424 (4F)

Evaluation of landscape has been developed in a variety of fields, such as geography and landscape architecture. Because it is a complex and sophisticated psychological phenomenon, it has not come to share the scientific consensus yet. The aim of this session is intended to discuss the research findings of landscape evaluation in various fields such as geography, geomorphology, landscape planning, architecture, engineering, social sciences, environmental psychology, meteorology, phenology, and so on.

3:45 PM - 4:00 PM

[HGG01-P03_PG] A Comparative Study on Landscape Cognition Between Japanese who have been in New Zealand (NZ) and who have not been to NZ

3-min talk in an oral session

*Kana Horiuchi¹, Katsunori FURUYA¹ (1.Graduate School of Horticulture, Chiba University)

Keywords: Japan, New Zealand, Landscape Cognition, Landscape

Introduction NZ is almost same size and has same climate, temperate zone and subtropical zone, with Japan. Though a lot of Japanese have immigrated to or lived on long term in NZ, few Japanese knows NZ well because the long distance between both countries might be bottleneck for flow of people. Thus, the objective of this study is to clarify differences of landscape recognition of Japanese who have been in NZ and Japanese who have never been to NZ.

Methods 69 landscape photos taken in both countries (35 photos from Japan, 34 photos from NZ) were categorized to the group of coast, waterfall, river, forest, wetland, mountain, and lake. Respondents were asked to select three photos each for characteristic landscape image of NZ and Japan. Then, they were asked to write down the three keywords each about the landscape image of both countries. Respondents were the group of 25 Japanese people who have been in NZ (NJG), the group of 42 Japanese people who have never been to NZ (JPG), and the group of 12 New Zealander people (NZG).

Result Firstly, the most selected photo as the characteristic landscape image of Japan among all groups was the photo of Mt. Fuji with Ashinoko lake and shrine gate (NJG 76.0%, JPG 74.0%, NZG 50.0%). Also, second top photo was Mt. Fuji’s one. The different result was shown on third top photo. NJG chose the photo of Mt. Fuji with forest (32.0%), JPG chose the photo of creek (28.7%), NZG chose the photo of waterfall with autumn leaves (16.7%), and the photo of forest with lingering snow (16.7%). The creek’s photo selected by JPG was recognized as Japanese landscape though taken in NZ. For the characteristic landscape image of NZ, there was not the photo selected intensively such as Mt. Fuji one. However, the most selected photo was common among all groups. That was the photo of lighthouse on cape surrounded by ocean (NJG 36.0%, JPG 40.5%, NZG 16.7%). As Second top photo, NJG chose the lake on volcano with volcanic steam (24.0%). JPG selected the solid magma in volcanic crater (23.8%) and the lake (23.8%). These two photos might be chosen as the characteristic landscape image of NZ because those are unfamiliar sceneries in Japan. In NZG, it was hard to find out the characteristic scenery because the groups of selected photos were decentralized. For keywords about the landscape image (KLI), noun showing plants and landscape, noun showing animals, noun showing color, adjective indicating impression, and proper noun were answered. As
KLI of NZ, FOREST, MOUNTAIN or HILL was answered 29.6% as total. And GREEN, DYNAMIC or BROAD was answered 22.2% for each in NJG. People would have the image of landscape that broad and dynamic mountain and hill are spread in NZ. On the other hand, JPG answered BROAD(35.0%), MEADOW and GRASSLAND(27.5%), SKY(25.0%), WILD(25.0%) as KLI. Though it also shows broad image, JPG would have the image of broad glass land instead of mountain or hill. It revealed the difference of landscape cognition between NJG and JPG. There was not obvious difference on the photo selecting exercise. However, JPG recognized the photo taken at NZ as Japanese landscape photo. For KLI, JPG indicated broad glass land, and NJG shown the landscape consisted of broad forest and mountain.