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Coast of Shirakami Sanchi: Geotourism resource of Happo Town, Akita Prefecture

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World Heritage "Shirakami Sanchi" of Akita/Aomori prefectural boundary is valued in the existence of a vast beechen wildwood. Shirakami Sanchi in the geographical sense including World Heritage "Shirakami Sanchi" is thrust out to the Sea of Japan like the peninsula. In the coast, it is easy to access the geological features that composes Shirakami Sanchi. In this presentation, we introduce the geotourism resource of "Coast of Shirakami Sanchi" in Happo town in Akita Prefecture. Moreover, we report on the activity for the Geopark installation.
Geotourism resource of "Coast of Shirakami Sanchi" has two attractive points. 1) "For what reasons Shirakami Sanchi is so high?", 2) " How is the underground of the volcano ?"
"For what reasons Shirakami Sanchi is so high?": There are two reasons. Active upheaval movement, and the strongness of volcanic rock for invasion. The upheaval movement can be actually felt from the geographical features of terraces which develop well in Happo town. Moreover, tourist will find the hard volcanic rock on the coast. Tuff is also hard because of the hydrothermal alteration. Geographical features in Shirakami Sanchi where which it was high with large ups and downs was approved by such a cause. The deforestation of the tree is difficult because of up and down geographical features.
" How is the underground of the volcano ?": Two of three World Geoparks in Japan are in the active volcano region. However, no matter how we visit the active volcano, contents of the volcano cannot be seen. In "Coast of Shirakami Sanchi", dynamic process in the magma chamber can be actually felt, when seeing the mafic magmatic inclusions in the Cretaceous granite body. Moreover, there are about 100 dykes which are the feeding system of magma. Various volcanic material such as lavas, accretionary lapillis, peperite, welded tuffs is distributed widely and densely like the museum.
The basic geological investigation in this region is being done by the authors. Moreover, the nature guide course was held by the Nonprofit organization "Association Shirakami nature". And the symposium concerning geopark was held by Happo town.

Keywords: geopark, Shirakami Mountain, magma reservoir, geotourism resource