Effect of topographic expression in Geopark Map

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A geological information map (Geo-site map) had been produced in the "geological information utilization project" which is being performed as student project of Ibaraki University in the North Ibaraki Geopark, but a topography expression in these maps was not performed appropriately. Therefore Imaizumi (2018MS) had consideration of topography expression in Geopark map, and produced trial geo-site map in Mito Semba Lake Geo-site, Omiya Terrace Geo-site and Tanakura Fault Geo-site.

A Color-Shaded Relief Map created with Multiple Light Sources most highly regarded by the questionnaire survey performed in Imaizumi (2018MS) was adopted as topographic expression of three renewal geo-site maps of Mito-Semba Lake, Hiraiso and Tanakura Fault geo-sites.

The authors have been carried out a questionnaire survey about the effect of topographic expression of geo-site map for the general public and tour guide who participant in the Kairakuen and Senba Lake geo-tour using old and new Mito-Senba Lake geo-site map. As a full revise of Hitachi geo-site map is scheduled, the authors carried out a questionnaire survey about request of the revise contents for tour guide who participant in the Hitachi geo-tour using old Hitachi geo-site map.

In this presentation, the authors will report the results of the questionnaire survey, and discuss the effects of topographic expression in geo-sit maps and the problem in future.

Keywords: North Ibaraki Geopark, geo-site map, topograhic expression