

The trial to the detailed geographical feature expression technique, and the geology, the disaster prevention, cultural history and resource investigation by IN-YOU-ZU.

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There are various modes of expression using acquisition and data of the geographical feature data based on a laser survey, and I am used for fine geographical feature analysis etc.

There are a shade figure, an amount figure of inclinations, etc. By this research, I was able to conduct fine geographical feature investigation of Wakayama Prefecture using the technique of the IN-YOU-ZU figure of AERO ASAHI CORPORATION incorporated company, and was able to compare about the contribution to geology, disaster prevention, history culture, and resource investigation as compared with the actual field. IN-YOU-ZU is one of methods to express the three-dimensional topographic features. The topographic features are constituted by various ups and downs whose textures are complex in even small area. therefore, it becomes possible to emphasize the relief using a polarity and a magnitude of the wave and then easy to analyze and a complex topographic feature.

Keywords: The IN-YOU-ZU, Laser survey, Fine geographical feature analysis