

How to Innovate a new method for data visualization in science museums.

*Akihiko Shibahara¹

1. Research Institute for Earth Science Visualization Technology Co.,Ltd. (AIST Start-ups)

Nowadays, people can access to geological information quickly and easily with the help of information technologies. However, it is difficult to recognize three dimensional distribution of geological structure without professional training of map reading. To solve this problem, several techniques were established to build up finely-detailed miniature with rapid prototyping and projection mapping.

From 2013 to 2016, this system was used for outreach and research activities in museums, schools, geoparks in Japan and training school for teachers in south-eastern Asia.