

## Survey of Tsunami flooded depth by the 2011 off the Pacific coast of Tohoku Earthquake with Mobile Mapping System

Takaki Okatani<sup>1\*</sup>, Mamoru Koarai<sup>1</sup>, Takayuki Nakano<sup>1</sup>

<sup>1</sup>GSI of Japan

Enormous amount of in-situ survey is essential for grasping tsunami flooded depth at damaged area if we don't have effective survey tools. From this point of view, GSI collected image data with Mobile Mapping System in Sendai and Ishinomaki plains in April, 2011 and Sanriku region in May, 2011. Authors will report overall aspects of tsunami flooded depth brought by tsunami attack by the 2011 Off the Pacific Coast of Tohoku Earthquake.

Keywords: Mobile Mapping System, Tsunami Flooded Depth, The 2011 Off the Pacific Coast of Tohoku Earthquake

