

## Interpretation of the Ground Disaster Occurring at Aso Area Caused by the 2016 Kumamoto Earthquake

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#### Introduction

The 2016 Kumamoto Earthquake triggered numerous landslides affected by the seismic ground motion. The occurrence of landslides was unclear just after the earthquake, so we needed to reveal the extent of the damage as soon as possible. After the earthquake, PASCO CORPORATION carried out aerial photographic surveys and acquired satellite images immediately, and then we interpreted landslides occurring at Aso area using acquired data. In addition, we carried out aerial laser surveying around the large-scale landslide of Tateno area, and calculated the sediment volume.

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