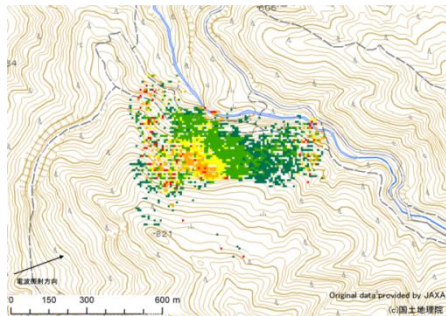


# Monitoring crustal movements in mountainous regions by SAR Satellite imagery

## Points

- Monitor wide area crustal movements surface-wide, sustainably and cost efficiently.
- Monitor the sign of crustal movements before a huge disaster occurs
- Expect more accuracy and cost efficiency by combining this method with conventional monitoring method
- This method is effective to monitor subsidence of reclaimed land, fill districts and underground installation other than mountainous regions

## Overview



Size of crustal movement on the ground surface



**By monitoring wide area surface-wise, it is able to interpret the outline**

**Satellite Earth Observation Imagery**

**Narrow the sign of crustal movements**

This method

Wide area

**Monitor local area as points and interpret in detail**

**Prioritize the detail study for the narrowed spots**

Local Area

Conventional Method