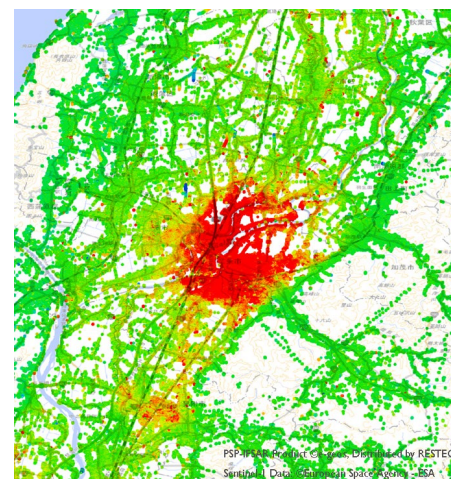


RESTEC Interferometry Service "RISE"

- Measure ground surface displacement using only images acquired by radar sensor (synthetic aperture radar)
- Provides cost-effective millimeter-order ground surface displacement for multiple sites over a wide area
- Enables measurement of inaccessible or difficult-to-access areas and retroactive measurement

Company name	Remote Sensing Technology Center of Japan (RESTEC)
Service Overview	This service uses image acquired by Spaceborne radar to measure land surface displacement, such as land subsidence and slope change, from the past to the present and into the future on the order of millimeters. Because only satellite-acquired image data is used, the service can be used to determine ground surface displacement at points that are conventionally inaccessible or difficult to access, or at multiple points over a wide area that would be costly using other means. It is now being used for many infrastructures such as roads, railroads, ports, and airports.
User	<ul style="list-style-type: none"> • Construction Company • Construction Consultants
Satellite	<ul style="list-style-type: none"> • ALOS-2 • COSMO-SkyMed Series • Sentinel-1, etc.
URL	https://www.restec.or.jp/solution/rise.html



Example of analysis for a wide area (Niigata Prefecture) [Sentinel-1 satellite]



Example of analysis of Tokyo bay area [COSMO-SkyMed satellite]