

## Disaster Satellite Monitoring Service

- Satellite data estimates flood areas and water depth, using Kokusai Kogyo's techniques on images and social media data.
- Also provides building collapse diagnostics and post-disaster damage reports for earthquakes or tsunamis.

Company name	KOKUSAI KOGYO Co., Ltd
Service Overview	<ul style="list-style-type: none"> <li>- Provides flood extent and depth estimation data to support situational awareness for rapid field survey.</li> <li>- Uses Kokusai Kogyo's proprietary analysis on SAR and optical satellite images, including ALOS-2, along with social media data, to estimate flood depth.</li> <li>- Offers liquefaction and building damage estimation maps using SAR imagery in major earthquakes or tsunami events.</li> </ul>
User	local governments and private companies such as insurance and infrastructure
Satellite	SAR satellite/ Optical satellite
URL	<a href="https://www.kkc.co.jp/disaster/">https://www.kkc.co.jp/disaster/</a>

### Overview of Disaster Management Using Satellite Technology

