

Access the web book : *Disaster emergency photography "Katarikakeru Kokudo"*, here.  
<https://www.pasco.co.jp/ebook/kokudo/>



**PASCO**  
 Surveying the Earth to Create the Future



# PASCO WILL SAVE YOU

(Upper left) Slope failure in Kirishima City, Kagoshima, Japan, imaged by fixed-wing aircraft on August 14, 2025 (PASCO Co., Ltd. /KOKUSAI KOGYO Co., Ltd.)

(Upper right) Debris flow in Hachijo Town, Tokyo, Japan, observed using Pléiades Neo high-resolution satellite data. (Observation date: October 17, 2025)

(Lower left) Large-scale slope failure in Wajima City, Ishikawa, Japan, imaged by fixed-wing aircraft on September 24, 2024 (PASCO Co., Ltd. /KOKUSAI KOGYO Co., Ltd.)

(Lower right) Ohunawatari City, Iwate, Japan, observed using Pléiades high-resolution satellite data. (Observation date: February 27, 2025)



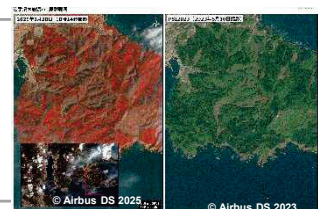
Flooding in Hakisozu, Asakura City, Fukuoka, Japan, imaged by fixed-wing aircraft.

## ✓ Surveys and planning for sediment and flood disasters

Sediment movement and flood damage caused by heavy rainfall are addressed through accurate assessment of field conditions and the application of surveying and GIS-based system technologies, supporting the formulation of countermeasure plans and integrated sediment management across the entire sediment transport system.

## ✓ Emergency disaster imaging and surveying

During Large-scale disasters, emergency imaging using aircraft and satellites, along with various airborne and ground-based surveying activities, is conducted to rapidly assess damage. The collected damage information is analyzed and provided.



Overview of wildfires based on SPOT medium-resolution satellite data.



3D models of SABO dams are developed and used to create an integrated 3D SABO GIS map and to support facility management.

## ✓ Leveraging 3D spatial data to drive digital transformation (DX)

Various 3D spatial datasets, such as results from airborne laser surveying, are centrally managed within GIS-based systems. The utilization of satellite constellations and VR/MR technologies enhances productivity in offices and construction sites and facilitates clear consensus building with local communities.

## ✓ Erosion control facilities condition grasping by the UAV

Unmanned aerial vehicles (UAVs) enable monitoring of hard-to-access erosion control dams and sediment deposition zones, supporting efficient maintenance management, including emergency assessments, emergency sediment removal planning, and routine inspections under normal conditions.



inspection and investigation of SABO dams and river basin conditions in mountainous basins using UAVs.

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