



Simulated delineation of a flood event in the Ebro basin

Zaragoza City (Spain)

Acquisition Date and Time: 13 June 2018, 06:19:46 UTC

Mission: PAZ | Image Mode: StripMap | Product Type: EEC

Resolution Type: RE | Polarization: HH

PAZ satellite image © Hisdaesat Servicios Estratégicos S.A. 2018

Risks & Emergencies

Risks and emergencies require rapid response and planning. High-resolution radar imagery provides relevant and up-to-date information to monitor staging areas, damage assessment, etc. Typical events are floods, earthquakes, volcanic eruptions and manmade disasters.

Service description

Provision of knowledge on the territory prior to the disaster. Assessment of the event impact and extent. Monitoring of ground displacement as a volcanic risk precursor, ground subsidence due to sinkholes or underground manmade activities, landslide monitoring, etc.

Benefits

Improved response during a specific event thanks to the advanced change detection of radar for damage assessment. Specially fitted for flood mapping thanks to the cloud-through-viewing during the event. High resolution ground deformation for geohazard risk management.

Customers

Governmental institutions (emergency response teams and civil protection), insurance and reinsurance companies, etc.