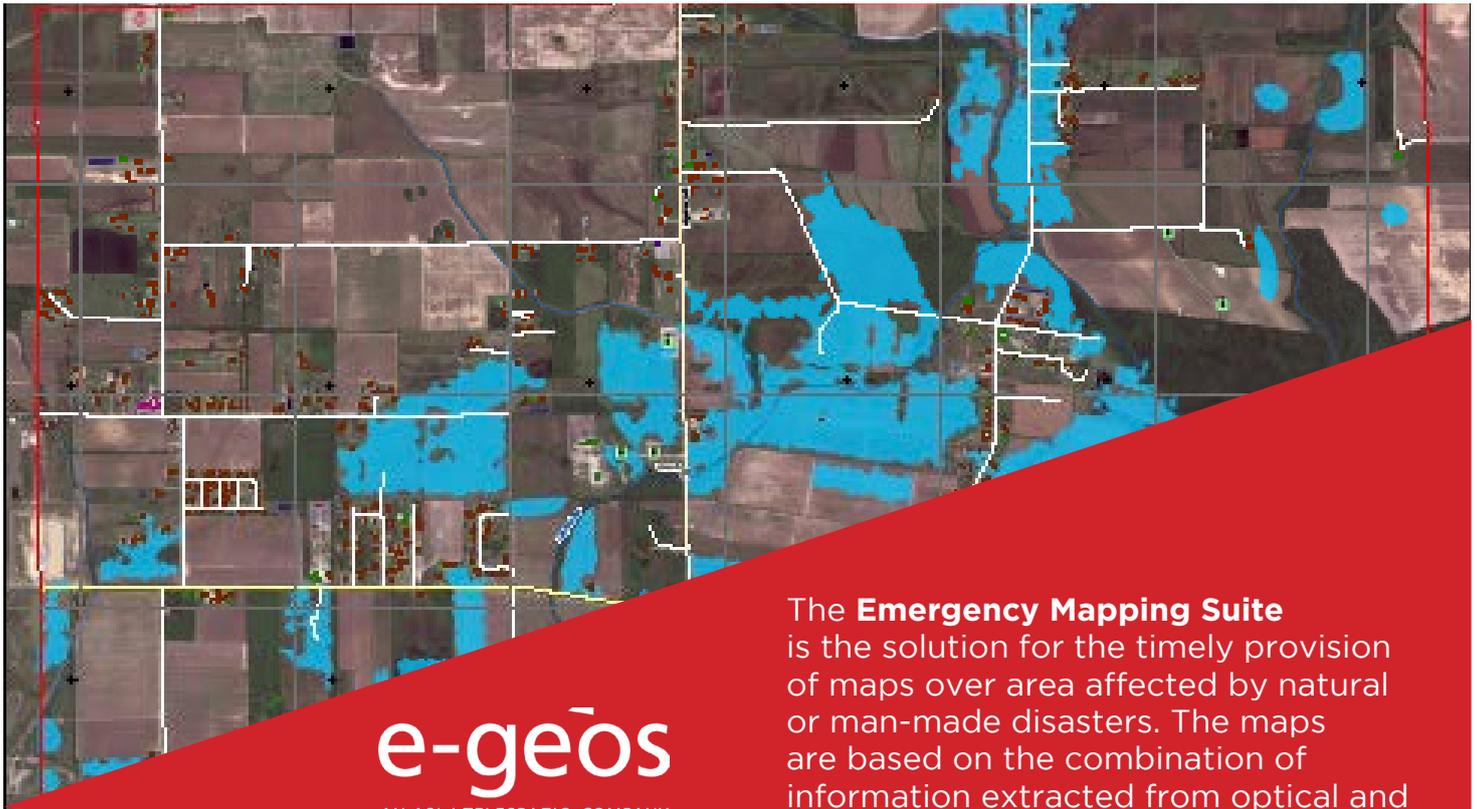


EMERGENCY MAPPING SUITE



e-geos
AN ASI / TELESPAZIO COMPANY

The **Emergency Mapping Suite** is the solution for the timely provision of maps over area affected by natural or man-made disasters. The maps are based on the combination of information extracted from optical and radar satellite images to prove support for situation assessment and identifying and prioritizing proper recovery actions.

BASE SUITE



PRE EVENT MAP, showing the situation existing in the area before the event, with a background based on a recent Very High Resolution (VHR) satellite image, and reporting main territorial features that can support emergency recovery actions.



EVENT EXTENT MAP the event impact and extent derived from satellite images acquired immediately after the emergency event

BENEFITS

Provides support to the authorities in charge of crisis management for first aid actions, situation assessment and identification and prioritization of recovery actions.

Products provided in a format that can be easily printed or loaded inside a GIS software

Fast delivery of products from image collection, focusing on the provision of timely information despite its source (optical or radar satellite),

Maps are generated in a scale range between 1:10,000 and 1:30,000 scale depending on the extent of the event.

ADDITIONAL PRODUCTS

GRADING MAPS, providing an assessment of the damage grade and its spatial distribution

ADDITIONAL EVENT EXTENT MAPS, providing the assessment of the situation in the successive hours and days.

PRODUCT SPECIFICATIONS

MAP SHEET SIZE	A1 format with side space for map marginalia
MAP SHEET AREA	1:10.000 Map sheet: 40 sqkm 1:25.000 Map sheet: 200 sqkm
RASTER DATA FORMAT	GeoPdf 300 -200 - 100 d.p.i. GeoTiff or JPEG 2000
VECTOR DATA FORMAT	ESRI Shapefile Other options: KML/KMZ
GEOMETRIC ACCURACY	Depending on satellite data. It varies depending on the situation, but typically ranging from 1:12,000 to 1:50,000
THEMATIC ACCURACY	It varies depending on the event type, but typically ranging from 75% to 95%.
DELIVERY	Via ftp