

PRESS RELEASE

e-GEOS (Telespazio/Italian Space Agency) provides satellite images and maps to assess the damage suffered by the city of Concepcion in Chile, following the earthquake of 27 February

e-GEOS, a joint venture between Telespazio and the Italian Space Agency, has produced an assessment of the damage suffered by the city of Concepcion, Chile, as a result of the earthquake of 27 February 2010, which it has provided to the UN's Department of Field Support and the Italian foreign affairs ministry.

The images were acquired and produced as part of the European Commission's G-MOSAIC (GMES Services for the Management of Operations, Situation Awareness and Intelligence for Regional Crises) project, in collaboration with EUSC (European Union Satellite Centre).

e-GEOS's analysis is based on various optical and radar images, particularly a Rapid Eye satellite image, and another acquired by the International Space Station, both on 27 February, and one by the COSMO-SkyMed satellites on 28 February.

The map highlights some of the damage to Concepcion's major infrastructure, in particular that sustained by the oil refinery owned by Empresa Nacional de Petroleo, the Old Bridge on the Bio-Bio River and the water purification plant.

Link to map catalogue:

http://spatial.telespazio.it/gmosaic_chile/

e-GEOS, a joint venture between Telespazio (80%) and the Italian Space Agency (20%), is active in all areas relating to Earth observation, from gathering and processing satellite data to developing and marketing products. The company, which has premises in Rome and Matera, aims to become the world's leading provider in the field of geospatial information, with an integrated range of application solutions, content and value-added services, based on synthetic aperture radar (SAR) data and very high resolution (VHR) optical data.

In 2009, e-GEOS acquired control of Telespazio's Earth Observation division, which had over 20 years' experience in developing innovative solutions for all customer categories, and of Eurimage SpA, a company that manufactures Earth observation satellite products and services.