

JAPAN - 2011 Fukushima Nuclear Plant Damage assessment Map

March 16th, 2011
Scale 1:10.000

Location Diagrams



Legend

- Road network
 - Primary road
 - Secondary road
 - Tertiary
- Plant site
- Reactor building shadow

Interpretation

The disaster effects due to the earthquake and the tsunami occurred over Japan on March 11th 2011 generated consistent damages to the Fukushima I Nuclear Power Plant.

Through the analysis of the COSMO-SkyMed Spotlight image (1 m resolution) acquired on March 16th it is possible to extract information concerning the reactors buildings status. Analysing the reactors building shadow, it is evident that the shape of the reactors building 1-3-4 is clearly modified, due to the subsequent explosions. From the analysis results it is evident that the reactor building 2 is standing.

Cartographic Information

0 125 250 500 Meters
Local projection: UTM WGS84 54N, Datum: WGS84
Geographic projection: Lat/Lon (DMS), Datum: WGS 84
Scale: 1:10.000 for A1 prints

Data Sources

- Image data
 - © ASI COSMO-SkyMed images
- Vector data
 - © e-GEOS S.p.A - Image analysis
 - © Open Street Map
 - © Geonames

Framework

The products elaborated for this Rapid Mapping Activity are realised to the best of our ability, with in a very short time frame, during a crisis/exercise, optimising the material available. All geographic information has limitations due to the scale, resolution, date and interpretation of the original source materials. No liability concerning the content or the use thereof is assumed by the producer.
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