



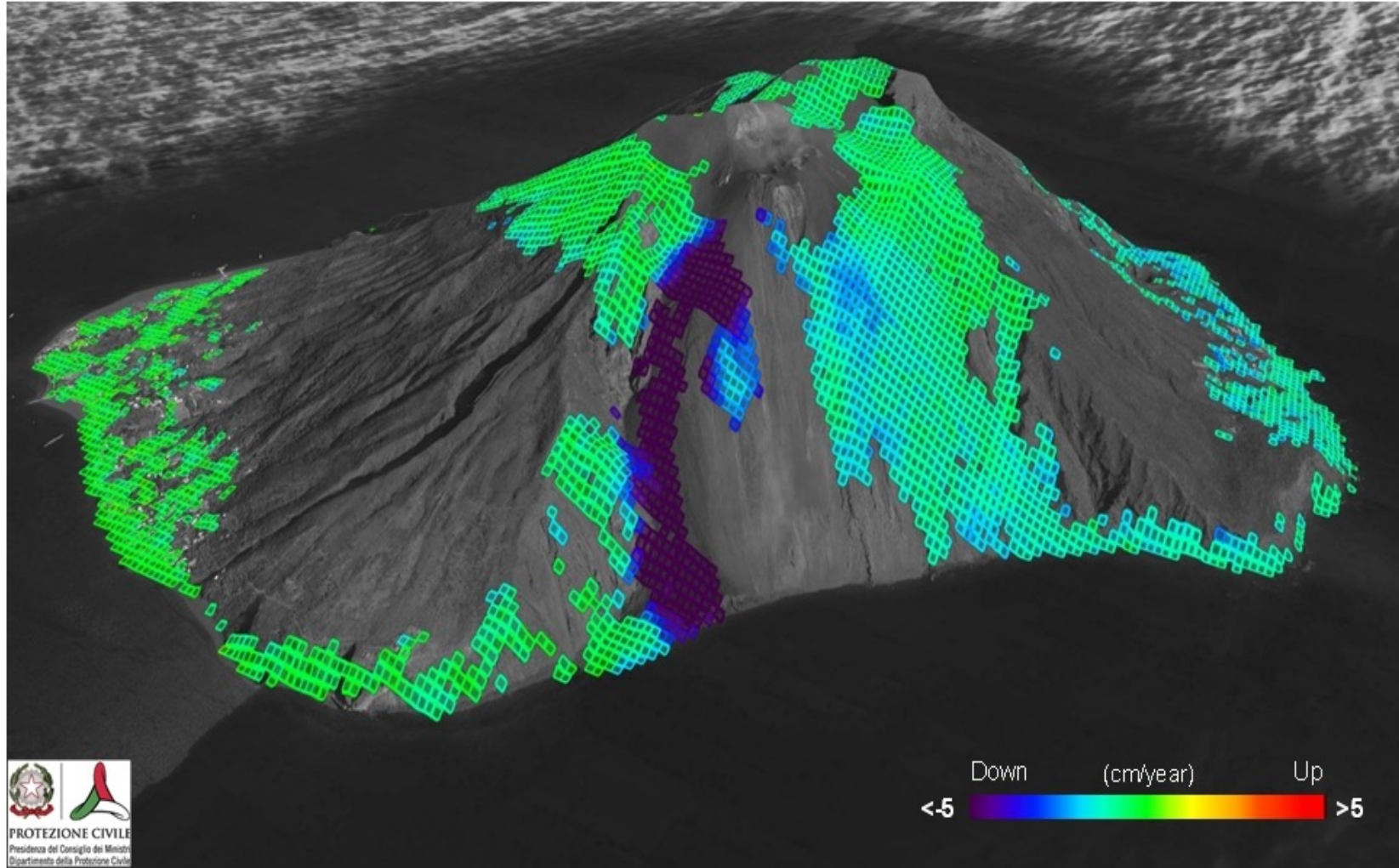
**SATELLITE
DATA**

SATELLITE DATA

Thematic Core Service



SATELLITE
DATA



PROTEZIONE CIVILE
Presidenza del Consiglio dei Ministri
Dipartimento della Protezione Civile



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Overview

- Information collected by satellites and processed by ground stations has widened our **understanding of the Earth's dynamics.**
- Satellite data has advanced the **measurements of tectonic processes**, thus improving the ability to monitor and model the Earth's surface deformation and the study of geodynamic processes.



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Satellite Data TCS

- The **Satellite Data Thematic Core Service** uses satellite data and images collected by satellites orbiting the Earth's surface.
- The Satellite Data TCS **develops, harmonises and integrates these measurements into services and products** that can be exploited by the solid Earth science community.



Services

1 Community Portal

- Geohazards Exploitation Platform

8 DDSS (Data, Data Products, Software and Services)

- InSAR data



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Satellite Data TCS

- Sharing satellite data is essential to the understanding of the Earth's dynamics. The Satellite Data TCS coordinates **interactions between different space agencies**, providing a collaborative framework within the EPOS community.
- With the **integration of data and services from other TCS**, the Satellite Data TCS helps the community to have a better understanding of events, like earthquakes, volcanic eruptions, and unrest episodes, that have a high impact on societies and their environments.



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Contacts

EPOS TCS Satellite Data mini-website

<https://www.epos-eu.org/tcs/satellite-data>

EPOS website

<https://www.epos-eu.org/>

Email address

info@epos-eu.org

