

EPOS is the pan-European research infrastructure to share data, services, and resources among the solid Earth science research communities in Europe.

Thanks to a coordinated, bottom-up approach among scientists, IT experts, and policy-makers, EPOS enables the sustainable use and reuse of cross-disciplinary solid Earth science data and products at global level, thus promoting excellent science and innovation.

Currently, EPOS includes 10 Thematic Communities (known as Thematic Core Services, TCS) covering different thematic areas of the Solid Earth sciences: Anthropogenic Hazards, Geomagnetic Observations, Geological Information and Modeling, GNSS, Multi-scale Laboratories, Near-fault Observatories, Satellite Data, Seismology, Tsunamis and Volcano Observations.

EPOS IN FRANCE

France is a long term EPOS member and has been involved in building it since 2008, through the French seismological and geodetic network (Résif) Research Infrastructure. Epos-France RI succeeded to Résif in November 2023 and represents now France's participation in EPOS. The research infrastructure conducts cross-disciplinary research and contributes to all EPOS TCSs.

The Epos-France consortium is composed by the majority of French universities and organizations involved in geosciences research and it is coordinated by the CNRS. It aims to improve our knowledge of the Earth's complex, dynamic system.





EPOS-FRANCE'S MISSIONS

Epos-France Research Infrastructure integrates, within a unified, sustainable and evolving system, a variety of complementary observation resources in all areas relating to the solid Earth. The infrastructure deploys and manages thousands of modern instruments throughout France, enabling us to observe, analyze, understand and monitor the geophysical and geological manifestations of dynamic processes affecting the Earth's interior at different time and space scales.



Underground gravity measurements at the Larzac Epos-France site. Hospitalet du Larzac (12230), France, 2012. [_medihal-02276648](https://doi.org/10.21203/rs.3.rs-12276648) © Cédric Champollion

Epos-France makes the geophysical and geological data easily and freely available to every one. It also distributes the associated products and tools, both through the French webservices and via the European EPOS platform.