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EPOS-WP16: A Coherent and Collaborative Network of Solid Earth Multi-scale Laboratories

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Understanding the processes that operate in the Earth's interior, and how these control phenomena ranging from earthquakes and volcanic eruptions to the formation of natural resources requires a research approach that combines a vast range of spatial and temporal scales. This multi-scale nature of the processes that operate Earth is reflected in a huge diversity of methods and infrastructures employed in Earth science research laboratories. Data produced within these laboratories are of crucial importance for understanding how Earth works and has evolved, for locating and safely exploiting of geo-resources, and for evaluating and protecting against the full range of geo-hazards that the Solid Earth can throw at us.

The EPOS Thematic Core Service (TCS) Multi-scale Laboratories, will, for the first time, structure and harmonize the available and emerging laboratory data at all relevant scales, to create efficient, organized services that support lab-based research on solid Earth processes and make the vast amount of data produced in Europe available to all Earth scientists, to industry and to society,

Major solid Earth Science laboratory centres and specialists will form a coherent and organized network fostering new collaborations, new synergies,

from MACRO- to MICRO- and NANO- SCALES



The calls will be advertised in the EPOS website Find the newest and most advanced laboratory in the EPOS Portal!

Take advantage of the opportunity to be selected to perform your experiments at key EPOS Multiscale laboratory centres

Get in touch to discuss your research proposal!

Visit our poster X 3.49 for more info on data services WP16 Splinter Meeting, Tue 25th, 13:30-15, room O.15, Yellow level WP16 Demonstrator, Wed 26th, 10:00-12:00, EPOS booth #112 and #113, Green Level

EUROPEAN PLATE OBSERVING SYSTEM www.epos-ip.org | info@epos-ip.org | epos@ingv.it This project has received funding from the European Union's Horizon 2020 research and innovation programm under grant agreement N° 676564 DISCLAIMER - THIS CONTENT REFLECTS ONLY THE AUTHOR'S VIEW AND THE COMMISSION IS NOT RESPONSIBLE FOR ANY USE THAT MAY BE MADE OF THE INFORMATION IT CONTAINS





ACCESS THE LABS

We are developing a **TRANS**-NATIONAL ACCESS POLICY defining harmonized and optimized access rules to European multi-scale laboratory centres. An open search will be conducted on a regular basis to select hosting facilities and applicants for Trans-national Access activities on the basis of their scientific records and research proposals.

WORK IN

PROGRESS

NEW OPPORTUNITIES

Synergy, collaboration and innovation

CONTACT US

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www.epos-ip.org/tcs/multi-scale-laboratories

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