



A Web Portal to access Solid Earth Science heterogeneous data

Riccardo Rabissoni (1), Wayne Shelley (), and Chris Card ()

(1) INGV, Rome, Italy (riccardo.rabissoni@ingv.it), (2) BGS, Keyworth, Great Britain (wael@bgs.ac.uk), (3) BGS, Keyworth, Great Britain (chracar@bgs.ac.uk)

The EPOS-IP project is creating a system able to obtain and integrate data, data products, services and software (DDSS) for Solid Earth science generated and provided by monitoring networks, observing systems and facilities belonging to European countries.

DDSS provided by several Scientific Communities are gathered under a central, single but distributed Infrastructure – the so called Integrated Core Services – by establishing an e-platform where access, use and reuse of heterogeneous data (in terms of format, metadata and accessibility) and associated software, services and resources is easy and transparent.

In order to give a proof of concept, we will present the functionalities within the EPOS portal, showing how, browsing the GUI, users are allowed to perform more or less complex searches, to drill down in detail each result for further details, to plot georeferenced data on a map for visual support analysis, to populate their workspace according to search results and their interests and to selective manipulate and process data by means of interactive computational resources.