



Progress of Geomagnetism towards integration of data and services in EPOS

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The geomagnetism community is involved in the European Plate Observing System (EPOS), a European Research Infrastructure through which science communities will offer a number of services that will integrate to simplify cross-disciplinary research. The Geomagnetism community will provide data from geomagnetic observatories, from producers of geomagnetic indices and events, from geomagnetic models and from magneto-telluric observations. A number of these services (data from the INTERMAGNET network and the World Data Centre, indices and events from the International Service of Geomagnetic Indices and the access to the International Geomagnetic Reference Field and World Magnetic Model) will be integrated into EPOS systems in the first wave of services to be connected. This poster will describe the contribution from geomagnetism to EPOS. It will include a description of the data and services that the geomagnetic community will provide and also discuss how metadata will be made available from the community to the EPOS core IT systems. Finally it will describe how the provision of geomagnetic services in EPOS will be guided and governed by members of the community .