



ENVRI-FAIR - the next step towards FAIRer environmental research

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European research infrastructures (RIs) are large facilities, networks and platforms providing services for European and international researchers. Examples of these facilities in the environmental domain are the Integrated Carbon Observation System (ICOS), In-Service Aircraft for a Global Observing System (IAGOS), Europe's LTER contribution, or the European Plate Observing System (EPOS). The environmental RIs have been for several years supported by the ENVRIplus programme of the European Commission, with the aim of creating common solutions for these organisations, in the areas of technical development, data management, service access, societal impact, strategic collaboration, communication and other aspects.

The emergence of the European Open Science Cloud (EOSC) initiative also brought up new requirements for the RIs. They are intended to form the basis of the EOSC platform, creating a basic virtual service portfolio for the researchers to use. This requires significant additional development of the RI services for technical and policy consistency.

The recently launched project ENVRI-FAIR will respond to these challenges. Directly involving the European environmental RIs on the ESFRI roadmap, and some key technical specialist partners, this project concentrates on creating FAIR (Findable, Accessible, Interoperable, Re-usable) services for the upcoming EOSC and for the research communities worldwide. Common policies, open standards, interoperability solutions, operational services, and stewardship of data on the basis of FAIR (Findable, Accessible, Interoperable, Re-usable) principles require a common approach. ENVRI-FAIR includes as well further development what is actually meant by FAIR in the virtual service provision in the environmental domain.

This kind of approach does not work from a single project's perspective. Therefore connection to other European, international and regional programmes working on FAIR policy, standards and definitions are a crucial part of the activities. This presentation concentrates on creating these interfaces to FAIR related international initiatives and informing the further developments planned in the next 4 years.