

Conferenza GARR 2017 - The data way to Science

Proposal for a lightning talk

Building policies and guidelines for research data management : the experience of IOSSG

Paola Gargiulo/Cineca_ NOAD OpenAIRE project and coordinator of IOSSG

The Italian IOSSG – Italian Open Science Support Group is an informal group consisting of people working in the Italian academic context in the IT, research project administration, library and legal issues areas from the Università degli Studi di Bologna, Università degli Studi di Milano, Università degli Studi di Padova, Università degli Studi di Torino, Università degli Studi di Trento, Università Ca' Foscari Venezia.

The main goal of the group is to support stakeholders (university administration, researchers, research offices, IT and library services) in facing the challenges data driven science is posing in the academic and research institutions by empowering them with useful tools and skills in research data policy issues management related to governance and the provision of services and infrastructures at local level.

The objective is to raise awareness and knowledge in all the aspects related to the management of research data in their entire life cycle with special focus on data stewardship service and implementation of the FAIR principles by providing guidelines, toolkits, legal material, best practices, open science education and skills training material.

The group started its activities in mid 2016 and has so far produced an institutional policy model of research data management which is publicly available on the OA- Italia wiki (http://wikimedia.sp.unipi.it/images/RDMpolicyresearchdata27_03_2017.pdf) and currently under approval of CRUI and of two universities of the group, and a detailed checklist to support writing a research data management plan, available on the same platform (<http://wikimedia.sp.unipi.it/images/Grigliapianodigestionedatiricerca.pdf>)

Both documents are in Italian and contextualized to the Italian legal and research framework.

In early September 2017 the group decided to adopt the acronym IOSSG, to continue the activities, and to open the participation to a small company currently engaged in research data management solutions and to Paolo Budroni as an expert from E-infrastructure Austria and to work closely with other similar groups operating in Italy. A detailed work programme has been set out for the next months and for 2018 focusing on guidelines on:

- the implementation of an institutional policy in research data management and legal issues,
- the creation of a single point of entry at institutional gathering different competencies and resources in one Single Point of Reference in order to build an efficient transversal research support service,
- the requirements of research data repositories in order to be compliant to current standards, certification and FAIR principles,

and on a toolkit on open science education and skills.

Believing that presenting the group to a larger audience could be interest to the Conference audience and hopefully open to collaboration with other existing or incumbent Italian groups in similar areas, I would like in my capacity as coordinator of the group to illustrate the current and future activities and achievements and to share some the challenges the data science poses in terms of governance, organizations, costs, competences and skills.

Key words: policy dei dati della ricerca, data management plan, accesso libero ai dati, interoperabilità, riusabilità dei dati.