

Perspective of Open Science as a Data-Driven Scientific Research Ecosystem

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Since the G8 Science Ministers' Meeting in UK 2013, Open Science policy making as well as building communities' best practices have been increasingly an important international agenda. The present paper focuses on Research Data; data sharing is an crucial for implementation of Open Science. This target is approached by international bodies and academic committees like ICSU-World Data System (WDS) and Committee of Science and Technology Data (CODATA). There is also an international forum RDA (Research Data Alliance) in connection to G8 Group of Senior Officials (GSO) or G8 governmental initiative for world-wide data infrastructure discussion. Global Science Forum of OECD (Organization of Economic Cooperation and Development) is also.

In JpGU sessions related to data and information topics have been held in past meetings, convened by groups/communities with disciplinary and also interdisciplinary interests including scientific data centers, data systems, data sciences, and social network services. New dimensions and cross-disciplinary subjects are expected for further contribution to advancing the earth and planetary sciences.

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