
International Session (Oral) | Symbol M (Multidisciplinary and Interdisciplinary) | M-GI General Geosciences, Information Geosciences & Simulations

[M-GI04]Open Research Data and Interoperable Science Infrastructures for Earth & Planetary Sciences

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Mon. May 23, 2016 10:45 AM - 12:15 PM A02 (APA HOTEL&RESORT TOKYO BAY MAKUHARI)

JpGU has been facilitating sessions related to data and information topics in past meetings, convened by groups/communities with 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. On the other hand, Open Data and Open Science are increasingly becoming hot topics, in parallel to establishing ICSU-WDS (2008), G8 Open Data Charter (2013), deployment of RDA (2013), and so forth.

New data and tools infrastructures are now emerging in Europe, Japan and in the United States aiming at improving the data availability in Solar (Virtual Solar Observatory), Earth (IUGONET, SPASE) and Planetary Sciences (NASA-PDS4, GIS technologies, Europlanet/VESPA...). Major space agencies are now investing in this technology, with the ultimate goal to dramatically enhance the science return of the shared data.

The JpGU community will be encouraged to discuss about our reaction, our contribution to the above data and information issues, and what future benefits and problems inherent in earth and planetary sciences will be.

12:00 PM - 12:15 PM

[Discussion]Discussion