

[JJ] Evening Poster | M (Multidisciplinary and Interdisciplinary) | M-GI General Geosciences, Information Geosciences & Simulations

[M-GI29]Introduction to Great Debate: Current status of open data & open science (for Japanese audience)

convener:Atsushi Higuchi(Center for Environmental Remote Sensing (CEReS), Chiba University, Japan), Yasuhisa Kondo(Research Institute for Humanity and Nature)

Wed. May 23, 2018 5:15 PM - 6:30 PM Poster Hall (International Exhibition Hall7, Makuhari Messe)

Open Science is growing up as a new paradigm to accelerate scientific innovation. In addition to importance of open data in Geoscience, here we will overview current status and future perspectives of open data and science in and around Japan.

[MGI29-P03]Reproducible and shareable data visualization method

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Keywords:Reproducibility, Data sharing, Data visualization, Cross-cutting

Data management technology is becoming more and more important to promote scientific development in the society brimming with data. We improved the data visualization web service of earth, planetary and space sciences (Cross-Cutting Comparisons; C3) as the system controlled by the human-understandable query string (QS) to make reproducible and shareable charts. By including information of data handling procedures in the QS in an orderly manner, the chart is easy to understand, remake and share via text-based communication tools.