We adopted DSpace to the metadata DB for Geoscience.
We Customized DSpace to handle the IUGONET common metadata format instead of Dublin Core metadata format.
We implemented the range search for Time and Space.
Finally, we opened our beta version of the Metadata DB for Geoscience to the public.

Conclusion
- We adopted DSpace to the metadata DB for Geoscience.
- We Customized DSpace to handle the IUGONET common metadata format instead of Dublin Core metadata format.
- We implemented the range search for Time and Space.

Metadata DB System & customizing points
We adopted DSpace 1.7.0 as our metadata DB system because there are so many case examples in Japanese academic information repositories.
462,486 records were stored in the DB currently.

References
(1) Metadata format utilized for the IUGONET metadata database, Tomoaki HORI et al., MG0105-02, JGSIU 2010
(2) SPASE 2.0: a standard data model for space physics, Todd King, James Thieman and D. Aaron Roberts, Earth Science Informatics, 1865-0473

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