

Consideration of the metadata schema extension for upper atmospheric research field

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In upper atmospheric research field, interdisciplinary studies by using various observational data are needed. In Japan, Inter-university Upper atmosphere Global Observation NETwork(IUGONET) has released their metadata database to the public to promote interdisciplinary studies. Basically, their metadata format inherits the Space Physics Archive and Extract(SPASE) data model, and they extended such as DOI, ORCID, and so forth.

Currently, the SPASE group released to the public the XML schema for simulation extensions. However, the IUGONET focused on ground-based observational data originally, and study of metadata related to simulation is insufficient. In this presentation, we considered the representation of simulation data in IUGONET as external researchers at IUGONET. In addition, in order to make the IUGONET metadata more rich, we propose expressing the organization identifier.

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