

S001-05

Zoom meeting A : 11/2 AM2 (10:45-12:30)

11:15-11:30

古地磁気学と関連分野におけるオープンデータベース

#小田 啓邦

産総研・地質情報

Open Database Frameworks for Paleomagnetism and Related Fields

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There are a number of open database frameworks in paleomagnetism and related fields. PANGAEA is one of the oldest and wide-ranging system, which started its development in 1987 and continuously glowing. IAGA geomagnetic databases are also relatively old ones. MagIC database/EarthRef.org is the versatile database organized and maintained by NSF in relation with AGU publications. GEOMAGIA, PINT and Paleomagia are databases on specific purposes. Also, there are databases dealing with samples and data related to Deep Ocean Drilling (IODP, ODP and IPOD). Geological Survey of Japan, National Museum of Nature and Science and other museums has databases on their collections of real samples, which is important for browsing samples for research from the world efficiently. In the presentation, current status of the databases that can be helpful in carrying out and archiving research in paleomagnetism and rock magnetism will be discussed. Also, issues to be considered in Japan will be presented.