

## DIAS metadata input camp as an Open Science activity

\*Hiroko Kinutani<sup>1</sup>, Yoko Nakahara<sup>2</sup>, Toshiyuki Shimizu<sup>2</sup>, Masatoshi Yoshikawa<sup>2</sup>

1. Earth Observation Data Integration and Fusion Research Institute, The University of Tokyo, 2. Graduate School of Informatics, Kyoto University

The Data Integration and Analysis System (DIAS) started from 2006. The goals of DIAS are to collect and store earth observation data; to analyze such data in combination with socio-economic data, and convert data into information useful for crisis management with respect to global-scale environmental disasters, and other threats; and to make this information available within Japan and overseas. The current project of phase III has started since 2016 with the aim of its practical operation.

From October 2010, we have released data of DIAS with Document-metadata, describing about dataset in English and Japanese. DIAS has a mission to accelerate the accessibility of data created and maintained by institutions implementing Earth observation projects through creating Document-metadata in the DIAS metadata creation support tool. Anyone can use the DIAS data discovery system by accessing <http://search.diasjp.net>, and can download data files of 270 DIAS released datasets, can access 80 datasets outside DIAS through the system. We are also collecting metadata from related data centers and which is searchable and accessible through the system.

Until now, we have had workshop concerning about metadata input 6 times as “DIAS metadata input camp”. The initial workshop participants were the data owners or providers who should create Document-metadata. The recent workshop increased librarians who are interested in research data management of open science. In order to share how to cataloging research data using Document-metadata, in the workshop, participants had experienced the difference between the metadata of the research data and the metadata of the literature. We report issues about how to manage metadata to data providers and librarian and issues about how to introduce research data to wide users in an easy-to-understand manner using metadata.

Keywords: DIAS, Earth Observation data, Metadata, Open Science