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寒冷圏データベース
Cryosphere Data Archive Partnership (CrDAP)

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The Eurasian cryosphere is an important element of an earth climate system, glacier, frozen ground and snow elements such as large fluctuations in recent years has been focused. IPCC AR-4 Report also describes a number of following and is especially great concern about the social impact. Now in the world snow and ice data are promoted the development by the data center of the United States such as NSIDC (National Snow and Ice Data Center) and NCDC (National Climate Data Center). The actual condition is that frozen ground and snow data does not have an international organization about the data of WMO etc., and present condition grasp and change research do not often become since the international and systematic data archive is very weak. For a better understanding of cold regions of Eurasian cryosphere, it is important to share data over a large area. Eurasia cryosphere, especially in cold regions there are several countries, in order to understand the wide variations in the cryosphere are data management needs of international organizations. The IGOS-Cryosphere and IPY and also has been pointed out the need for it. GEOSS data archiving functions to help improve.

This project is to reveal the reality of global environmental change in Eurasian cryosphere, promoting data collection and catalog information to the public so far has not caught on, clarifying the status of past observations and their data, which aims to make the data public through widespread digitization of data. This project not only in Japan, for the cold regions of Eurasian country, as well as establish a system to promote the release of these data and published research to take over the observed data set, data catalogs and data to researchers widely provide a wake-up.

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