

The current state of Cryosphere Data Archive Partnership(CrDAP)

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Asia Eurasian cryosphere is a key area of the global climate system is a big factor in recent years as glacier, frozen ground and frozen glacier fluctuations, have been focused. Changes in the cryosphere, IPCC AR-4 report is described has been greater concern for social impacts in particular. The Snow and Ice Data, NCDC and NSIDC data are being developed worldwide have become a data center, such as the USA. The Snow and Ice data, there are no international data organizations such as WMO, is very weak and data archive to worldwide. It is required to share the data of a cryosphere data between large areas, the atmosphere, land, and the water area continuing irrespective of the without border, and closing the information about the cryosphere of a wide area per country. Especially, many countries exist in the Asia Eurasia cryosphere, and in order to understand frozen ground, snow and glacier area change in a wide area, international and systematic data management is needed. The necessity is pointed out also by IPY or IGOS-Cryosphere.

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