

Future development on Arctic Data archive System (ADS)

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The easy access use is made possible from the industrial and the social public using research results(thesis and research data, etc.) using a public research fund, and a concept as open science aiming at linking it to creation of innovation by opening the new way as well as promoting a scientific technical research effectively is showing a rapid expanse to creation of worldwide. And the principle opening to the research result and data by a public research fund by GRC (Global Research Council), OECD(Organization for Economic Cooperation and Development) and G8 in 2013 etc.

Under these background, Arctic Data archive System(ADS: <https://ads.nipr.ac.jp>), through proceed with the visualization and the development of online analysis system of integrated big data, aiming for integrated analysis information platform, not only as a mutual distribution platform of data, we have developed a system that enables open access research data and scientific knowledge obtained in the Arctic research.

Various applications and services developed by ADS should not be used only in the Arctic but should be used as a bipolar data publish platform. The ADS team is currently preparing to publish not only Arctic data but also Antarctic data.

In this presentation, we introduce the various services we have developed so far and introduce the services currently in preparation.