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# Online visualization tool "VISION" on Arctic Data archive System (ADS)

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We are constructing an online archive system of data about Arctic research that many researchers and institutes have collected, which is named ADS (Arctic Date archive System). We aim at that the many researchers specializing in the various fields of the Arctic research - such as atmosphere, ocean, land, physical and chemical analysis and computer simulation, etc - can become to mutually use their data across their own fields through our data archive. For this purpose, it is necessary for us not only to manage data systematically, but to build the system where researchers can easily grasp the contents of the data archive.

However, it is difficult to exactly understand contents of the data that others made. The researchers try to understand the contents of the data of their own fields and succeed in many cases. But it is not easy for them even to judge the contents of the data out of their fields. Therefore, we developed GUI-based online data visualization application named " VISION ", which all the researchers engaged in the Arctic research can easily operate. It can be expected that " VISION " facilitates an understanding the data of the various fields of the Arctic research among the researchers, then the researchers become also use the data out of their own fields.

We will introduce a structure and function of " VISION " and demonstrate an operation of this system.

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