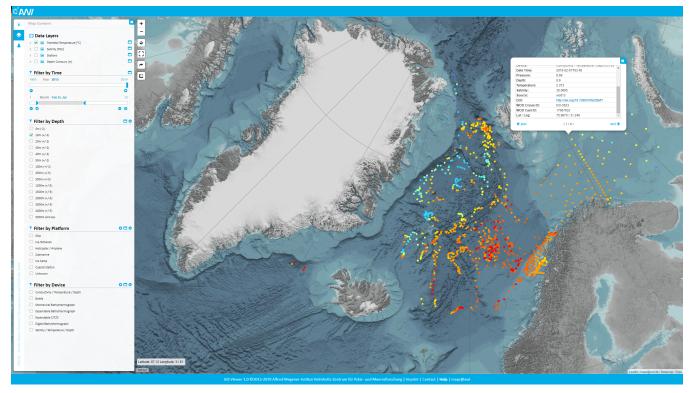
## **ANALYTICS**

## I) INFRASTRUCTURE & TOOLS

Jupyt erHub	https://jupyterhub.awi.de; read documentation Access curently restricted to AWI accounts				
RASD AMAN	http://rasdaman1.dmawi.de/ Provides a powerful array analytics for multidimensional large-scale datasets. Mockup illustrates how to extract data subsets including along a profile and how to perform certain queries in a federated environment				
GitLab	https://gitlab.awi.de; read documentation Provides an open-source software development platform supporting controlled access to software projects				
Code reposi tory	https://github.com/o2a-data (O2A-data code repository) A software development platform with built-in version control, issue tracking, code sharing and review, etc. Within the project "O2A-data" we provide open-acess examples on how to download, perform basic analysis and visualize data stored in various backends using Jupyter Notebook				
AI Tools	Learn more about tools and projects				

## II) VISUALIZATION



MAPS.awi.de lists scientific projects, that display scientific results as digital data services in a spatial context using webGIS technology. It provides

- Browse by region and project
- Search by keyword
- Project specific abstracts + links to project related data viewers with comprehensive data products and complementary information
   Re-use of layers in Desktop GIS Applications (e.g. ArcGIS, qGIS, ...), AWI data portal under "Collections" and DASHBOARD

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