

## Notes of WGISS-37 CEOS Water Portal Project Session

1. Satoko Miura (JAXA) gave a brief introduction of the session.
2. Satoko gave a presentation with an emphasis on status update since the last WGISS meeting. The updates include access to CUAHSI dataset and an experiment of accessing GEO DAB using OpenSearch. Future work includes gaining access to NOAA National Climatic Data Center (NCDC) datasets and moving to a new system architecture, which Yoshiyuki Kudo(JAXA/RESTEC) will go over following this presentation.
  - QA
    - ① Currently, do you create and ingest metadata to your database manually ? (Yonsook)
    - ② Yes. But it's only a snippet of each dataset-level metadata and that is far less volume compared to holding the entire granule level metadata . (Satoko)
3. Yoshiyuki gave a demo on accessing CUAHSI datasets using CEOS Water Portal.
  - QA
    - ① Is the data you just demoed a model output data ? (Glenn)
      1. CUAHSI datasets are mainly In-situ but there may exist some model output data. (Yoshi)
4. Yoshiyuki gave a presentation on the new system architecture that has been examined for the last few months. The idea of the new architecture is outsourcing the entire catalog of the portal, by leveraging IDN and GI-cat, an open source software. He explained on the result of the feasibility study on the new system architecture, saying the portal would be transitioning to the new architecture in this year.
  - QA
    - ① Do you have USGS datasets available from the portal ? USGS has many in-situ gauge observation datasets in relation to water science. (Christine)
      1. No. (Satoko)
    - ② Why do you not want to make the datasets (DIFs) publicly accessible from IDN/GCMD ? (Andy)
      1. Because of the coordination with each data partner would take long time. (Satoko)

2. In a sense, it is a bit hard to understand that they can be publicly accessible through water portal but not through IDN.

The possible solution could be setting up a separate IDN-like server for this kind of use. (Andy)

- ③ How do you handle the difference of response time between a search on GI-cat catalog and a search on the local DB ? (Richard)

1. The granule level search would only occur on a single dataset at a time. That means there won't be situation where the portal sends the search query concurrently to both catalogs. So the difference doesn't matter (Yoshiyuki)