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Earth Information System (EIS)

Monthly Highlights
January 2024



<https://www.earthdata.nasa.gov/eis>

EIS at AMS Meeting

Sessions

- From Data Systems to Decisions: Climate Action and Advocacy; Chairs: Sikchya Upadhayay, Sujay Kumar, Denis Felikson.
- From Data Systems to Decisions: Stakeholder/Community Engagement and Partnerships; Chairs: Sujay Kumar, Sikchya Upadhayay, Denis Felikson.

Presentation

- NASA's Earth Information System (EIS): Earth System Science for Impact; Sikchya Upadhayay.

Hyperwall

- Hyperwall presentation: Earth Information System (EIS), Sujay Kumar.

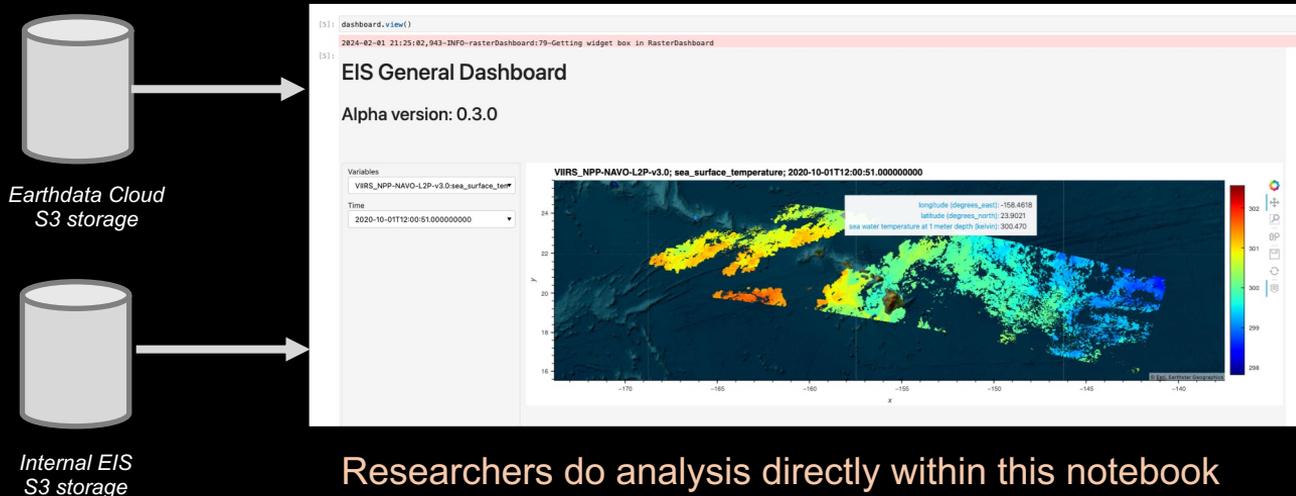




Accelerates transition from data discovery to analysis

- Visualizes **any dataset from NASA Earthdata Cloud**, together with internal EIS datasets, directly accessed from cloud storage in the cloud
- Completely **configurable/customizable** by users on-the-fly
- Notebook allows researchers to **quickly transition from data discovery to analysis**, within the same Jupyter notebook

Access the open-source EIS Dashboard Jupyter notebooks [here](#).



EIS Dashboard Jupyter notebook showing swath of global sea surface temperature from the Visible Infrared Imaging Radiometer Suite (VIIRS) on the Suomi NPP satellite. The dashboard allows users to explore datasets available through direct cloud access (via Earthdata Cloud), combined with internal datasets housed on EIS cloud storage.

Creators: Mark Carroll (GSFC), Jian Li (GSFC/InuTeq), Caleb Spradlin (GSFC/InuTeq)

Researchers do analysis directly within this notebook

EIS Engagement and Outreach Activities

Organization/ Meeting	Date(s)/Location	Thematic Area	Activity/ Outcome
NASA Water Resources program	January 18, 2024	Water Security	Meeting with new program manager and DPM to get input on work plan and develop process for regular collaboration.
WMO state of the water resources meeting	Jan 22-23, 2024	Water security	Details on the expected contributions and timelines from the EIS synthesis were developed
USAID	Jan 17, 2024	Water security	Discussed the use of EIS synthesis for water resilience efforts in Philippines, led by USAID.