Earth Information System (EIS)

Monthly Highlights

January 2024

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


Hyperwall

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

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