Los Alamos NATIONAL LABORATORY

GHRC User Feedback

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Perspective as a Data User

Datasets Used

- Various ER-2 datasets (AMPR, LIP)
- TRMM-LIS and OTD Archived Data
- ISS-LIS Near Real Time Data
- Early GLM Data
- NALMA data

Services Used

- Wget-based archived data download
- EarthData Drive
- Realtime push request (ISS-LIS)
- GLM Cal/Val Portal

Feedback

- The wget method works most reliably across platforms and situations
- However, once configured, EarthData drive is the more user-friendly option
- Pushing the NRT ISS-LIS data was not optimal on my system due to local networks settings and having to maintain a NASA user on my system. Once it broke I didn’t bother to fix it
- The GLM Cal/Val portal was (and is) very useful for brining together the disparate lightning and related datasets in one place

Perspective as a Data Provider

Datasets Provided

- Reclustered GLM-CIERRA dataset

Services Provided

- Micro-Article Support

Feedback

- Other than repeatedly forgetting the URL for the DAPPeR tool, the data proposal process was straight-forward. If eventually opened to a wide audience, a “propose data” button would be appreciated. I did not mind the time it took to get approval, but other providers might expect a prompter decision
- The emphasis on data citations is important and becoming moreso. I first proposed CIERRA before AGU implemented their new data policy, so remembering to cite the data took getting used to
- The submission of CIERRA also coincided with the GHRC transition to the cloud, so the data were still transferred to a physical server. This will have changed for new submissions
- For cloud-to-cloud transfers, navigating the different policies between NASA and the outside institution is likely to cause headaches for data providers. Accommodations to give data providers flexibility in their submissions - including allowing them to upload directly to a GHRC bucket over FTP - would be much appreciated