Open Recommendations
Review and Response

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2016 GHRC User Working Group Meeting
Sept 20-21, 2016

NASA
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THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

Open Recommendations

Recommendation 3: GHRC should hold AMS and AGU town halls, develop and distribute information brochures that describe their capabilities to potential data providers (e.g. field campaign PIs) and data users, utilize the NASA hyperwall, and pursue other opportunities (BAMS) to enhance GHRC visibility once the 5-10 year vision is developed and the web page reflects these objectives.	***In progress***	Session 3 -- Outreach
Recommendation 4: Carry out dataset holdings analysis and create a reporting structure that categorizes what is available at GHRC and possibly elsewhere. This compilation should enable prioritization of efforts that will fill the most significant data voids, where these efforts align with the new GHRC mission.	***In progress***	Session 1 – potential new datasets
Recommendation 5: Update public dataset information pages to include data holding analysis results that might be helpful to the user community	***In progress***	Session 1 – potential new datasets
Recommendation 6: Determine a set of useful user metrics, with feedback obtained from the UWG, that can be routinely updated and made available to the NASA sponsor, UWG and broader community. Analysis of these metrics should inform the 5-10 year plan.	***In progress***	*Upgrades to metrics dashboard continue*

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Recommendation 8: Create a data lifecycle process for GHRC that can be applied to current and future holdings (*complete*). *The website should have a clear location where a potential data provider can obtain information on the services the GHRC can provide, including how to submit a request (the questionnaire) to archive their dataset.*	***In progress***	Session 2, publication workflow Session 3, web
Recommendation 9: Develop some guidelines or work flows for GHRC to handle future field campaign data. *Online data questionnaire form should be developed further and shared with other DAACS.*	***In progress***	Session 2, publication workflow
Recommendation 10: Develop a data maturity model for GHRC data. Provide this on website and include maturity information for each dataset provided. *Apply the NASA data maturity model to all the datasets*	***Done***	Session 3, web
Recommendation 11: Determine LIS technical specifications for data products, latency, formats, etc. Publicize this future data source at appropriate venues	***In progress***	Session 3, outreach

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Recommendation 12: Develop a single tool that can provide broad use to multiple field campaigns and data types. *Support users in their use of the tool (including example code and recipes), and by providing a mechanism by which the GHRC might begin accepting user contributions (including bug reports, new algorithm contributions, examples, and refinements to documentation).*	***In progress***	Session 4, Field Campaign Explorer, Python libraries
Recommendation 14: Provide information on GHRC web site to both help and encourage data customers to move from FTP to HTTPS. Providing the means to download small as well as large data sets by this method should be pursued.	***Done***	*"Earthdata Login recipe" page includes links to tools*
Recommendation 16: Explore and identify future users of possible mobile apps for NRT data. An assessment of how GHRC ingests format requirements could be used to broaden app utility	***Open***	*On hold*
Recommendation 17: Create data bundles for scientists who want to study processes. Demonstrate such bundling capabilities for review by the UWG.	***In progress***	Session 3, Virtual Collections

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Recommendation 18: Develop an attractive visualization that goes along with the new mission and vision statement that would help audiences associate the GHRC with its vision and mission statement.	***In Progress***	Opening Video
Recommendation 19: Discuss the possibility of getting land data from the SWOT mission archived at GHRC to complement hazardous weather related to floods caused by excess precipitation. This would complement other flood and extreme event (including precipitation) data sets.	***In Progress***	Session 1 – potential new datasets
Recommendation 20: GHRC should include GOES GLM data in its portfolio of accessible data, whether stored in house or as a virtual data set. Functionality should be seamless with other holdings.	***In Progress***	Working with GLM team

Suggestions

Suggestion 1: Ease of use should be paramount to GHRC. Supplying APIs in both IDL and Python that allow users to download datasets from their local machines is highly desirable	***In progress***	Session 4, Python libraries
Suggestion 2: Engage the open-source community via a software repository site, such as GitHub	***In progress***	Session 2, System architecture
Suggestion 3: Provide fixed single browse image for most products	***Done***	*Sample browse image available on dataset landing page*
Suggestion 4: Continue web search optimization	***In progress***	*This will continue indefinitely – recommend closing*

THANK YOU!

Questions?

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