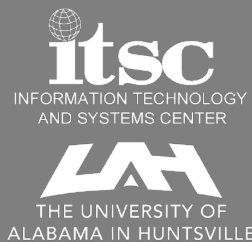




# Session 6 – Group Discussions

2017 GHRC User Working Group Meeting  
Sept 26-27, 2017



- Solicit input on topics of importance to the GHRC so that we can:
  - Learn from your experiences as a scientist and as a user
  - Receive feedback from you on topics of importance to the GHRC
  - Gather ideas from you on what the future direction of the GHRC could look like
  - Move around, talk and avoid death by PowerPoint



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# Group Formation & Instructions

- Group formation
  - 1 = Group A
  - 2 = Group B
- Pick a leader!
  - The leader will present the discussion points to the larger group
- GHRC representatives will be in each group to take discussion notes and to facilitate discussion as needed
- Focus on the provided questions
- Have fun!



# Instructions

Group A – room 2096

Group B – room 4058

Kaylin and Leigh will lead the way

Have until 3:15 to discuss both topics

Break from 3:15 to 3:30

Reconvene at 3:30

Group leader from each group to report on discussion points



## 1. Building User Relationships and a GHRC User Base

- GHRC is a unique DAAC with heterogeneous data holdings and a broad array of user types
- Different users have different needs that vary widely. Different approaches are required for addressing the needs of these user types
- User survey responses reveal confusion about the DAAC name ('hydrology'). Users are visiting the webpage looking for hydrology data
- GHRC would like to understand how to effectively meet the needs of our various user communities given limited time and resources
- GHRC would like to expand the number of users utilizing the DAAC

## 2. Data Organization of Field Campaign Data from a Usability Perspective

- Over 60% of GHRC's data holdings consists of field campaign data
- Typical data archive structure makes discovering events during field campaigns difficult
- GHRC would like to make event based data easier to find and use for non field campaign scientists and other new users

## 1. Implications of DAAC Data in the Cloud

- In the near future, GHRC, as well other DAACs, will make datasets available in the cloud
- With the advent of greater data quantities and file sizes, moving the computing code to the data, rather than the reverse, brings new opportunities for research and applications
- Scientists are recognizing that this change in paradigm is coming and that discussion is needed to identify a future suitable for both data users and data archives
- GHRC would like to assess the direction we want to take as a data archive moving to the cloud and how we will interact with data users in this new environment

## 2. Metadata Quality and Data Discovery

- Metadata is “structured information that describes, explains, locates, and otherwise represents data. Metadata allows data to be found and interpreted.”
- As a data provider, you are often asked to provide information that describes your data - Two different ‘languages’ or terminologies are used by scientists versus data managers
- As a scientist, good descriptive metadata influences how you both discover and use data - Bad metadata prevents you from efficiently finding the data that you need

Group A - 2096

Group B - 4058

Kaylin and Leigh will  
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[http://uncyclopedia.wikia.com/wiki/File:Spock\\_hand.jpg](http://uncyclopedia.wikia.com/wiki/File:Spock_hand.jpg)