

# User Registration and Earthdata Login

Michael McEniry

[mmceniry@itsc.uah.edu](mailto:mmceniry@itsc.uah.edu)

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# Earthdata Login for Data Access

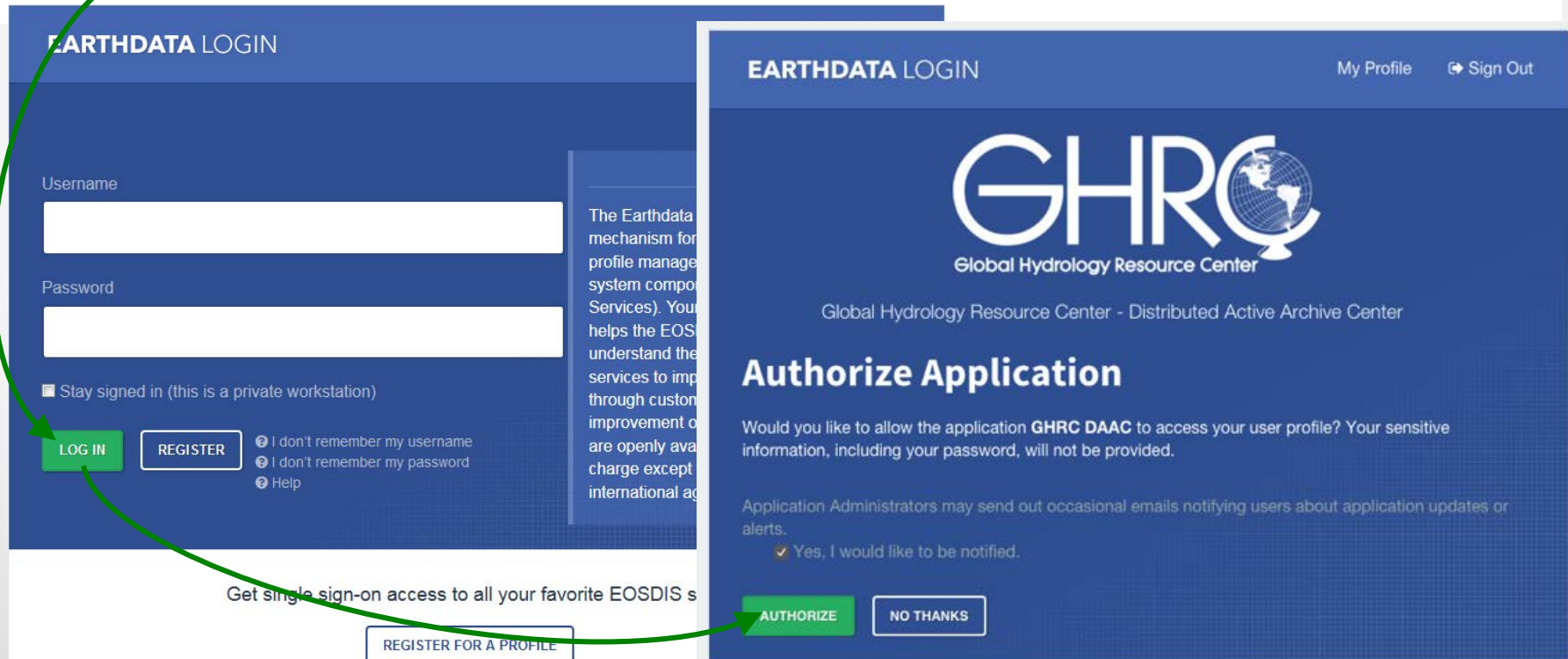
- Registration required to access/download data, not documentation or imagery
- Convenience – single sign-on for access to all NASA Earth science data and services
- Metrics – NASA data users by numbers and categories
- Communication – DAACs can contact users about new and updated datasets
- Alternate data access (i.e., anonymous FTP) can be offered in parallel

# It's easy...

1. Click download or shopping cart icon
2. Login or register
3. Authorize access

## Hurricane and Severe Storm Sentinel (HS3) Products (3 datasets)

-   Hurricane and Severe Storm Sentinel (HS3) Global Hawk Cloud Physics Lidar (CPL)
-   Hurricane and Severe Storm Sentinel (HS3) Global Hawk High Altitude MMIC Sounding Radiometer (HAMSR)
-   Hurricane and Severe Storm Sentinel (HS3) Hurricane Imaging Radiometer (HIRAD)



The image shows two screenshots of the Earthdata website. The left screenshot is the 'EARTHDATA LOGIN' page, featuring a 'Username' field, a 'Password' field, a 'Stay signed in' checkbox, and 'LOG IN' and 'REGISTER' buttons. The right screenshot is the 'EARTHDATA LOGIN' page with the 'Global Hydrology Resource Center' logo and the 'Authorize Application' section. A green arrow starts from the 'download' icon in the dataset list, points to the 'LOG IN' button, and then points to the 'AUTHORIZE' button in the 'Authorize Application' section.

**EARTHDATA LOGIN**

Username

Password

Stay signed in (this is a private workstation)

**LOG IN** **REGISTER**

[I don't remember my username](#)  
[I don't remember my password](#)  
[Help](#)

The Earthdata mechanism for profile management system components (Services). You helps the EOS understand the services to improve through custom improvement of are openly available charge except international ag

**EARTHDATA LOGIN** [My Profile](#) [Sign Out](#)

**GHRC**  
Global Hydrology Resource Center

Global Hydrology Resource Center - Distributed Active Archive Center

**Authorize Application**

Would you like to allow the application **GHRC DAAC** to access your user profile? Your sensitive information, including your password, will not be provided.

Application Administrators may send out occasional emails notifying users about application updates or alerts.

Yes, I would like to be notified.

**AUTHORIZE** **NO THANKS**

Get single sign-on access to all your favorite EOSDIS s

**REGISTER FOR A PROFILE**

# ESDIS Earthdata Login Deployment Status at GHRC

- GHRC
  - Simple downloads: HTTPS
    - Replaces local registration required for field campaign datasets
    - Anonymous FTP also in place for most other data
  - Data orders: Earthdata login integrated with HyDRO order workflow
  - OPeNDAP: Can be enabled; working to resolve open issues with client support
- OLYMPEX Field Campaign portal
  - Earthdata login integrated with user roles (Drupal)
- LANCE (AMSR2 Near real time data)
  - Simple downloads: HTTPS, FTP

# ESDIS Earthdata Login Remaining Tasks at GHRC

- Deadline: December 2015
- Guides, documentation, data recipes
- Enable for OPeNDAP
- Signals to web users
  - Earthdata Login branding
  - “Registration Required” notices

# Transition from anonymous FTP to HTTPS

- How to surpass advantages of FTP?
  - User familiarity with client software
  - Bulk downloads
  - Automation
- Documentation and guidance efforts
  - Earthdata Support Knowledgebase needs contributions
  - Identifying better client software
    - Generic (uGet, DownThemAll) vs DAAC-custom
  - Data recipes
- Improved services
  - Streamed archives (mod\_glob from ESDIS)
  - Discovery services (EDSC, virtual collections)

# Questions

...TBD...