

# Weekly Sync: 2019-01-07 Meeting notes

Date

07 Jan 2019

? Unknown Attachment

## Attendees

- [Audy Barnett](#)
- [Hyokyung Lee](#)
- [Brian Tisdale](#)

## Discussion items

- [SDT Wiki Space](#)
- Weekly Sync and Slack Channel Established
- Monthly Jeff W. Report (1/15)
- [SDT Kanban Board](#) for tracking tickets
- Transformation Team Exercises
- Elevator speech/Deck Presentation Creation
- AWS
- Data Product Review
  - CERES
  - MOPITT
  - [Inventory Of Data Issues](#)

## Action items

[Audy Barnett](#) Can Joe Lee get account on BAH AWS?

[Audy Barnett](#) Set up screen share for Joe Lee to to demonstrate GDAL technical pieces prior to transformation exercises.

- ☑ [Hyokyung Lee](#) Take a look at Esri Fed UC Website Agenda and see if there is anything of interest.

- <https://fedgisdevdc2019.schedule.esri.com/schedule/1273369526> : Esri in Cloud
- <https://fedgisdevdc2019.schedule.esri.com/schedule/1030813954>: Analyzing Multidimensional Scientific Data in ArcGIS

- ✓ *Hyokyung Lee* Reach out to the 2 colleagues that were at the workshop to find out what they know about Edition 5 - e.g., HDFEOS5, NetCDF4, what types of changes, etc.

- Elena said there was no HDF5 samples available and what products will be migrated to HDF5. She will contact the CERES team again to obtain if they are available.

[Matthew Tisdale](#) Provide latest on the DPG Google Doc to Joe Lee.

## Meeting Notes

### Transformation Team Exercises (Jason)

- Spectrum Mapping
  - Designed to reveal the diversity of perspectives and options around any given topic and to organize them into a meaningful spectrum.
- The 4Cs
  - Components, Characteristics, Challenges, Characters
- The 5 Why's
  - Mirrors the motive to move beyond the surface of a problem and discover the root cause
- Atomize
  - Breaking up large structures into their base components

### Elevator speech/Deck Presentation Creation

- Business Model Canvas
  - Examines and rethinks a business model
- Elevator Pitch
  - Exercise to develop elevator pitch

### AWS

- Other potential options - through Booz Allen?
- Threshold?
- Joe - Doing some testing on local stack and it is pretty close

### GeoLambda

- Hackfest Code - Pure binary with GDAL template
- Geolambda looks like a pure python.

Cumulus local testing - this week (Joe)

See local testing environment

- Straight python format and binary, etc.
  - Possibly before the brainstorming session - **ACTION**

### ESDSWG Working Group Participation

- Not at this time (Joe)

### Data Product Review

Katie (CERES Ed. 5) near term

- Get Joe Lee 3-5 products to examine
- Will it be HDF5, but not specifically what that means.
  - Started creating some example file and interested in any recommendations we would make.
- What is a good way to do this?
  - Part of the recurring message - follow "these" standards so correction is not needed on the fly.
- How to improve CERES product?
  - In January focus on CERES 4 as a test product to give some feedback to the CERES team.
  - Set up a variable level matrix
  - See if Matt can identify some of the CERES 5 products

- If CERES can provide CERES version 4 products that will be converted to Edition 5 - **ACTION**
- Some will be upgraded to Edition 5
  - probably all of the major products - maybe 6 of them
- ✓ Joe Lee reach out to the 2 colleagues that were at the workshop - **ACTION** and ask.
  - To find out what they know - HDFES05, NetCDF4, what types of changes, etc.
- How many are doing EOS5 or just netCDF4 with HDF5 libraries?
- What are the major factors we can expect for geospatial?
  - Are they going to carry over or not?

#### MOPITT

- Pretty good stuff when they upgraded

#### Data Providers Working Group

- Going to write in things that commonly cause these issues
- Seen anywhere in writing for "geospatial" these are the most common things someone should be following for it work
  - Chris Lyness initiated the DPG because there is not some good guidelines out there.
- Matt is participating
- ACTION: Matt/Juan to provide lates on the Google Doc

#### Unclear on what is working at ASDC

- If Joe Lees tries to download some CERES data products just let us know.
  - Probably best to go through the OPeNDAP Server

Joe Lee Black Out - Thursday afternoon for meeting on local stack