Attendees: Stefano, Mike, Phil, Ana

- (Phil) Added note to top of main issue: https://github.com/IQSS/dataverse/issues/9053
- (Ana) Data and code. Applied for supplement. People don't know FAIR or TRUST. Supplement got a high score.
- Harvard Dataverse is general purpose.
- Some support for specific datasets, Gus helped support astronomy datasets (FITS format).
- We want better support for geospatial formats: NetCDF and HDF5. Already has a lot of metadata inside it. Usable product. A dictionary of attributes. Who created it, which institute, etc. More rich than CSV. Multidimensional.
- For FAIR, need rich metadata.
- Extract the metadata from the file (NetCDF) itself and populate metadata in Dataverse.
- Especially interested in geospatial. Reach out to the Dataverse geospatial community.
- (Stefano): I understand the focus on geospatial data but NetCDF can be used for all types of data, genomics, for example. Is there a standard way researchers enter the metadata.
- (Ana) GeoJSON.
- (Phil) Demo of random NetCDF file on Harvard Dataverse: https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/KVCK1Q . It has limited metadata (dimensions and variables but no attributes).
- (Ana) Dataverse might be the right place to store gigs and gigs of climate data. Draw the line somewhere.
- (Stefano) NetCDF import and export. Each installation will have a different policy about size limits.
- (Phil) Related to " Feature Request/Idea: Support OpenDAP access to files #8319".
- We need more NetCDF files to test with. Do they have more metadata in the header?
- (Ana) Three areas to think about:
  - Open the dictionary and extract metadata (author, description, etc.).
  - Generate a GeoJSON file from a NetCDF file. Part of data deposit.
  - Explore the other metadata schema standards used by the community? Encourage standards and best practices. Geospatial metadata standards. Do the same for genomics?
- https://github.com/alisonboyer/daac_tutorial_work-1/blob/master/gimms3g_ndvi_1982-2012.nc4 has much more metadata (:GDAL_AREA_OR_POINT, :GDAL, :Conventions, :title, :source, :contact, :institution, :email, :references, :history)
- Multiple files? Add all the authors?
- Should be able edit the metadata before saving, like FITS.
- (Stefano) Timeline of project?
- (Ana) A year, as long as we have funding. Could ask for a non-cost extension, if necessary..
- (Mike) We need to break up the work into smaller issues for the backlog.
- (Phil) Ana and I plan to have meetings periodically. All are welcome.

- Action items:
  - Create sub-issues
  - Reach out to Dataverse geospatial people.
  - Schedule periodic meetings