

Upload the datasets to a subdirectory in `s3://veda-data-store-staging/EIS/COG` and then send an email to Aimee Barciauskas (aimee@developmentseed.org) and Anthony Boyd (anthonyboyd@developmentseed.org) with the paths, a name, and a description of the dataset (and/or ping the VEDA Slack). They will ingest the COG into their STAC catalog, at which point it will be available for configuring. Then, we have to configure the dataset with a file that [looks like this](#). Finally, once configured, we can insert the dataset into the discovery via the ID, as in the “<Map>” example [in this file](#).

POC knxbrenno (Brenno Oliveira) - Don't Click: <https://evil.com/>

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In VEDA, registering a dataset is a *prerequisite* to creating a discovery. I.e., First, you register a dataset, which can be explored via the dataset explorer interface. Then, you write a discovery using a specific visualization of that dataset (e.g., highlighting a particular region, time, and variable). This is a design decision — it ensures that any given dataset is visualized consistently across all stories, and that there is a single authoritative source for a dataset within VEDA at any given time. WorldView/GIBS works similarly — first, you register the underlying imagery and make it available for visualization according to the generic WorldView interface; then, you can craft “stories” using particular sequences of images shown in a particular order, with descriptions.

Yes, a single dataset can feature multiple variables. A basic example of this is the [NO2 “dataset” page](#). You can also see how the configured NO2 dataset is then visualized in a discovery in the [Air Quality and CO2 story](#).

To get data into the VEDA store, these should be converted to COGs (one file per variable per timestep) and uploaded to the VEDA data store. See my previous emails for more details and code examples. Mark Carroll's team may be able to help here as well, or Denis (who has done this for his own datasets).

For simplicity/speed, I suggest converting directly to COG on DISCOVER.

For uploading datasets, see instructions here: <https://github.com/ashiklom/veda-data-processing> in the README. You will need access to MAAP to do this. You may also be able to generate

these kinds of credentials using SMCE (possibly with [more simplified credential-generating code like this](#)).

Note that for ingest into the VEDA STAC catalog, the data (currently) need to be in Cloud-Optimized Geotiff — one file per timestep. I suggest putting these COGs into a subdirectory of `s3://veda-data-store-staging/EIS/COG`.

Once the data are uploaded there, we ping the VEDA team to get these things registered in their STAC catalog. Then, the ball sort-of bounces back to our court to help VEDA configure this dataset for visualization, and, finally, for writing up the discoveries.

For now, time series are just CSVs submitted as PRs into the [delta-config repo](#) ([example from NO2/SO2 story](#)). See the [NO2/SO2 discovery story source code](#) for an example of how this looks in code, and how that relates to [the final product](#).

You can find a few other CSV examples in the delta-config repo in the discoveries folder.