**Changes from local Jupyter Notebook to Google Colab:**

1. Convert to an python widgets slideshow from HTML
2. Ipyleaflet does not work in Google Colab, need to replace with folium
3. Change how pictures are imported into Google Colab
4. Note which packages are already included in the Google Colab Environment and which need to be pip installed

\*\* regular “Fire” notebook still needs to be reorganized

1. Notebooks to convert to python slideshow:
   1. Crop Classification
2. Notebooks to convert ipyleaflet map:
   1. Flooding
   2. Forest Disturbance
   3. Inundation
   4. Land Cover
   5. Open Water
3. Notebooks to change picture import:
   1. ![name.png] long\_string
   2. Only way getting it to work, has been to upload from local computer.
4. Packages that need to be pip installed:
   1. !pip install rasterio --quiet
   2. !pip install rasterstats --quiet
   3. !pip install geopandas --quiet
   4. !pip install rioxarray --quiet

**Applications to add in Interactive Maps or GEE optical images:**

* Soil Moisture
* Open Water
* Crop Classification

**Other Edits:**

* Flooding Notebook has extra detail on scattering mechanisms, RGB, etc.
* SnowEx