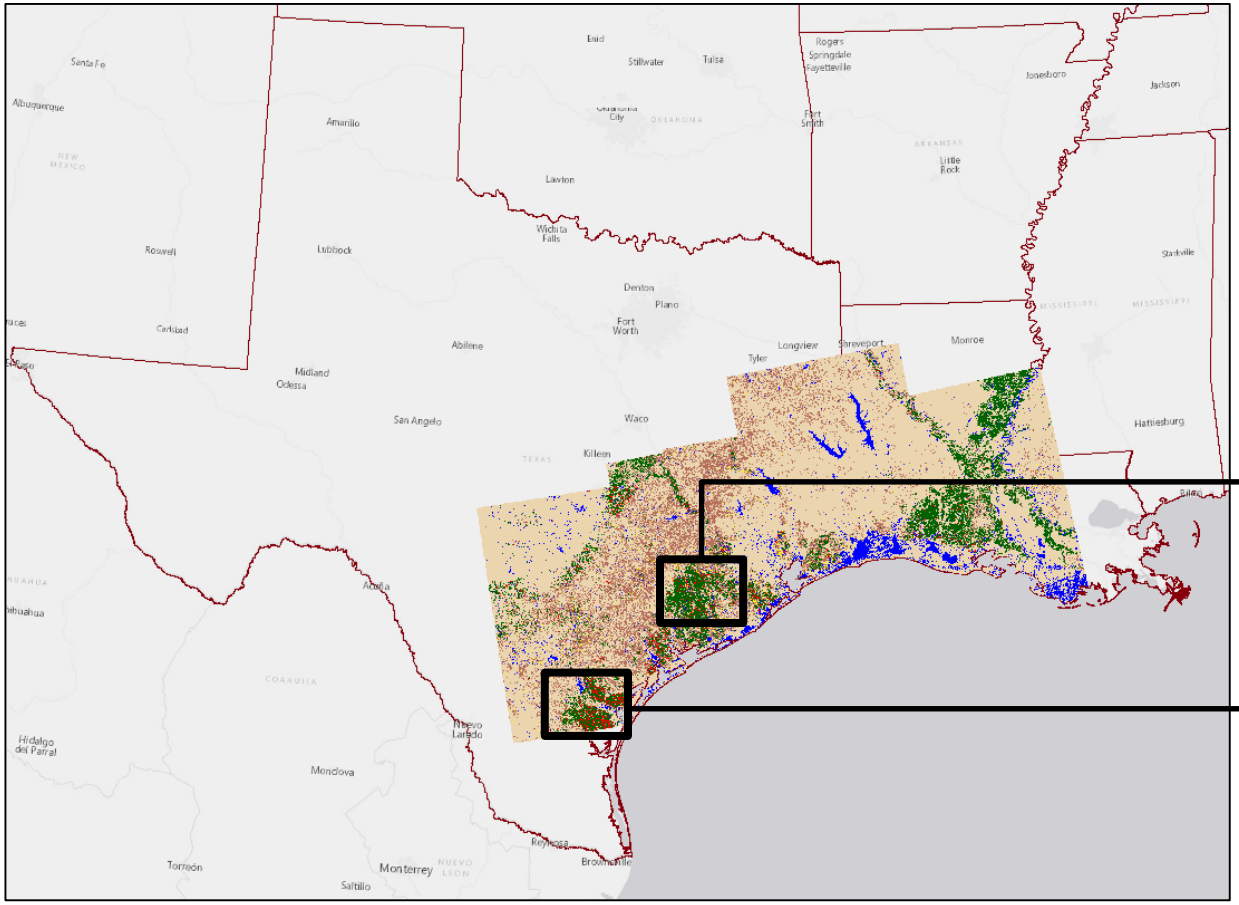
Hurricane Harvey

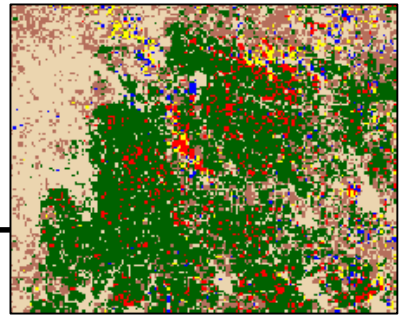
NASS Flood Assessment

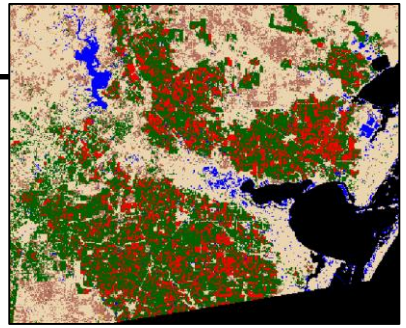
Incident Overview

- Dates: August 25 – 31, 2017
- Areas Affected: Coastal Texas and Louisiana, USA
- Major Crops in the Study Area: Corn, Cotton, Rice, Sorghum, Pasture/Hay

Study Area







Total Area Analyzed: 62,517,290 acres
Total Cropland: 7,061,403 acres
Total Pasture/Hay: 9,448,350 acres

USDA United States Department of Agriculture
National Agricultural Statistics Service

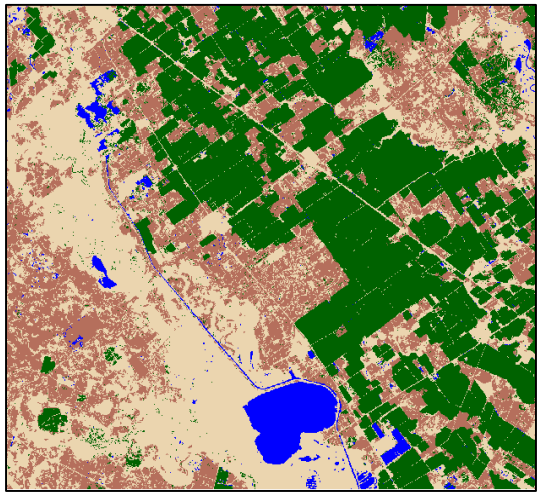
AGRICULTURE COUNTS

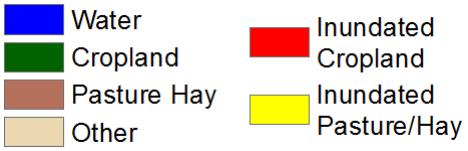
Example: Calhoun County, Texas

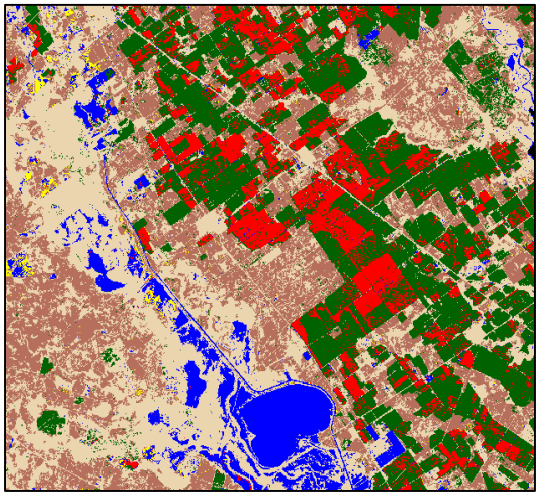
Pre-Flood: 08/22/17

Post Flood: 09/03/17

Copernicus Sentinel-1A Synthetic Aperture Radar (SAR)







Impact: Inundation on Cropland/Pasture

Crop Type	Percent Inundated
Corn	14.54%
Cotton	14.53%
Fallow/Idle Cropland	9.47%
Oats	10.39%
Rice	7.43%
Sorghum	25.72%
Winter Wheat	11.45%
Total Cropland	10.16%
Pasture/Hay	3.68%

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