

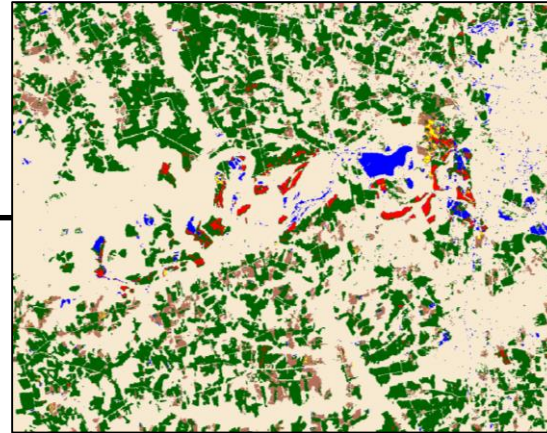
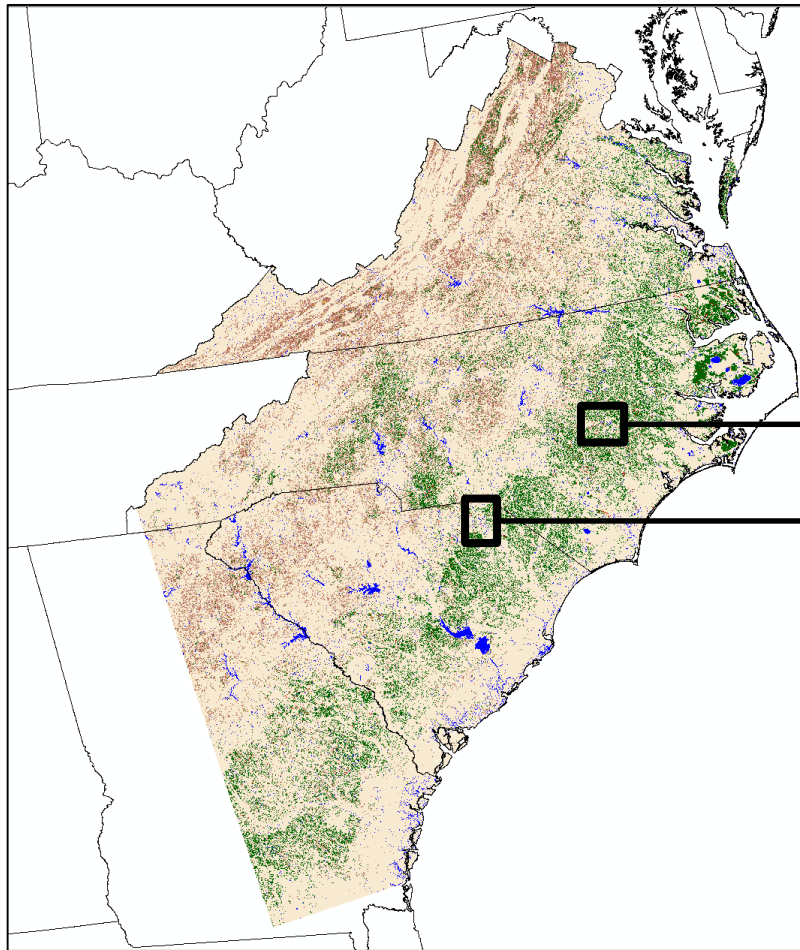
Hurricane Florence

NASS Flood Assessment

Incident Overview

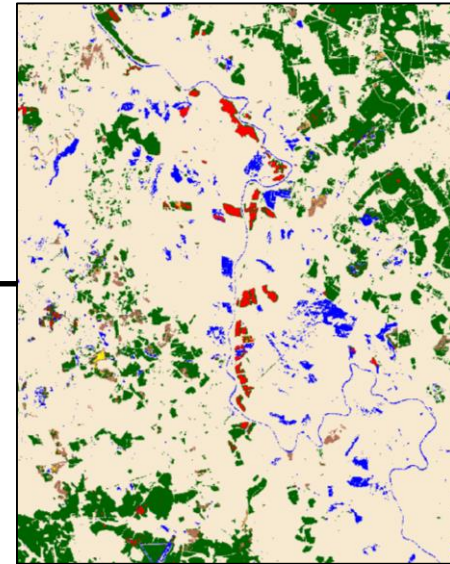
- **Event Dates:** September 14 – 19, 2018
- **Areas Affected:** Coastal Virginia, North Carolina, South Carolina, and Georgia, USA
- **Major Crops in the Study Area:** Corn, Cotton, Peanuts, Soybeans, and Pasture/Hay
- **Pre-Flood Imagery Acquisition:** August 24 – September 7, 2018
- **Post-Flood Imagery Acquisition:** September 17 – 26, 2018

Study Area









Wayne County,
NC

Chesterfield
and Marlboro
Counties, SC



Classification

- | | | | |
|---|-------------|---|-----------------------|
|  | Water |  | Inundated Cropland |
|  | Cropland |  | Inundated Pasture/Hay |
|  | Pasture Hay | | |
|  | Other | | |

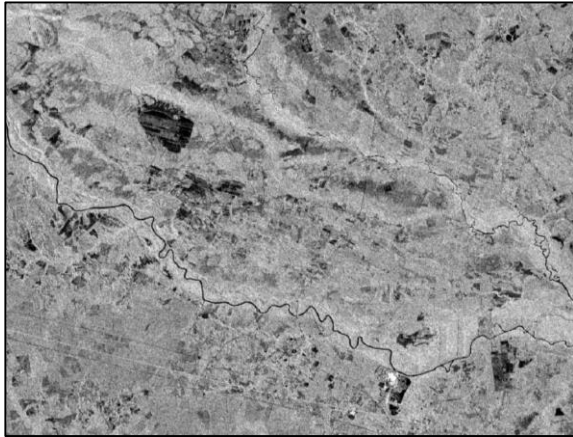
Total Area Analyzed: 95,335,840 acres

Total Cropland: 10,024,907 acres

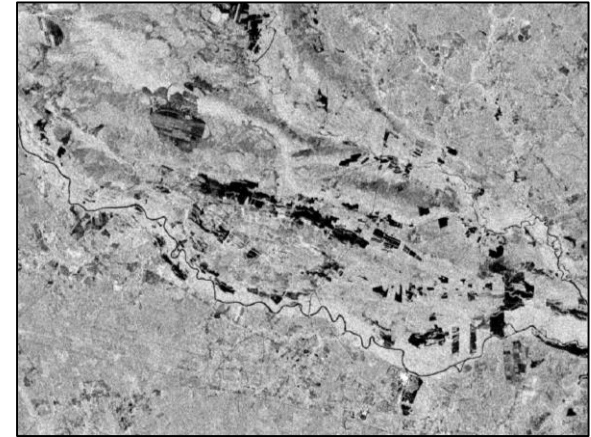
Total Pasture/Hay: 8,400,260 acres

Example: Bladen County and Pender County, South Carolina

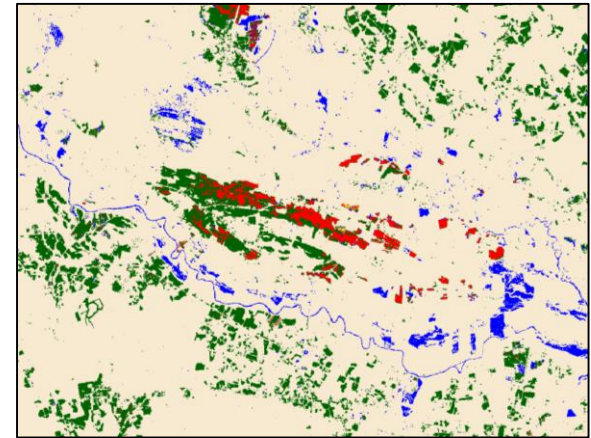
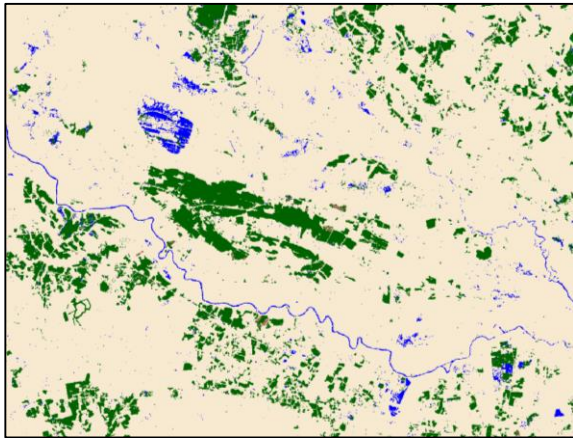
Pre-Flood: 09/07/18



Post Flood: 09/19/18



Copernicus Sentinel-1A Synthetic Aperture Radar (SAR)



- Water
- Cropland
- Pasture Hay
- Other
- Inundated Cropland
- Inundated Pasture/Hay