

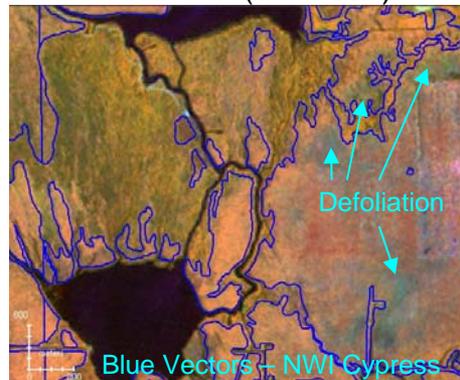
Use of NASA Satellite Data in Monitoring Gulf Coast Forest Conditions



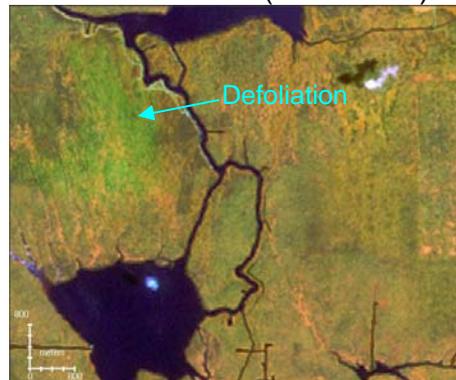
Stennis Space Center

- **Purpose** - assess potential of Gulf Coast forest monitoring products derived from NASA satellite data
 - Regional monitoring of forest damage from hurricanes
 - Stand specific monitoring of baldcypress forest (example below)
- **Satellite data** - MODIS, Landsat, and ASTER
- **Study areas** - coastal Mississippi and Louisiana
- **Status** - acquiring and preparing needed data for preliminary products
- **GOMA relevance** - community resilience, wetland restoration, habitat characterization, and water quality management

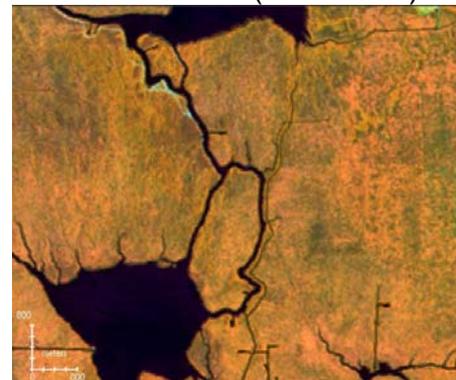
Landsat TM (5-6-1989)



Landsat ETM (7-15-2000)



Landsat TM (5-29-2003)



ASTER (5-20-2006)

