

Scientific Investigations Map 3141

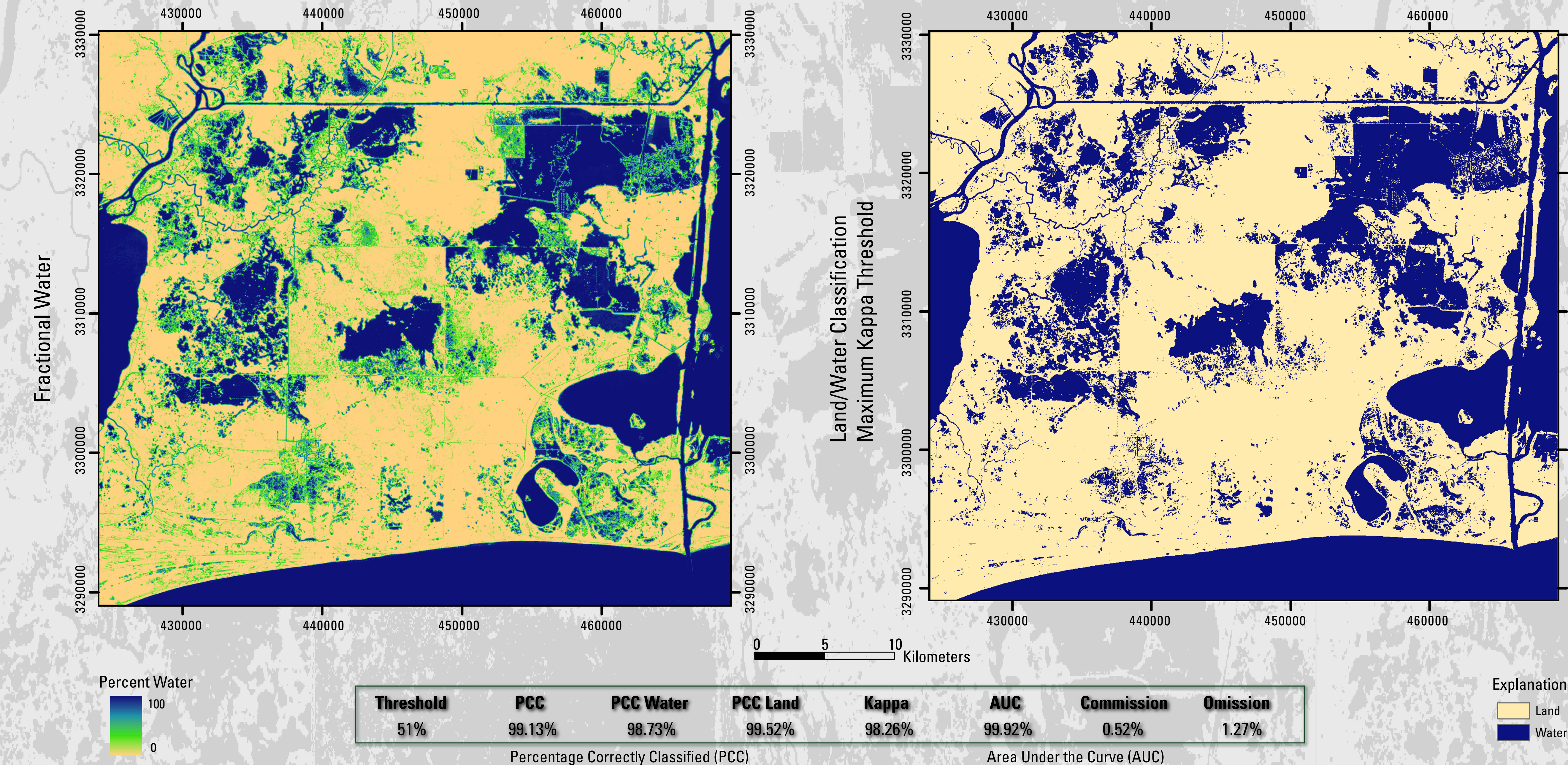
Pamphlet accompanies map

Land Area Change and Fractional Water Maps in the Chenier Plain, Louisiana, following Hurricane Rita (2005)

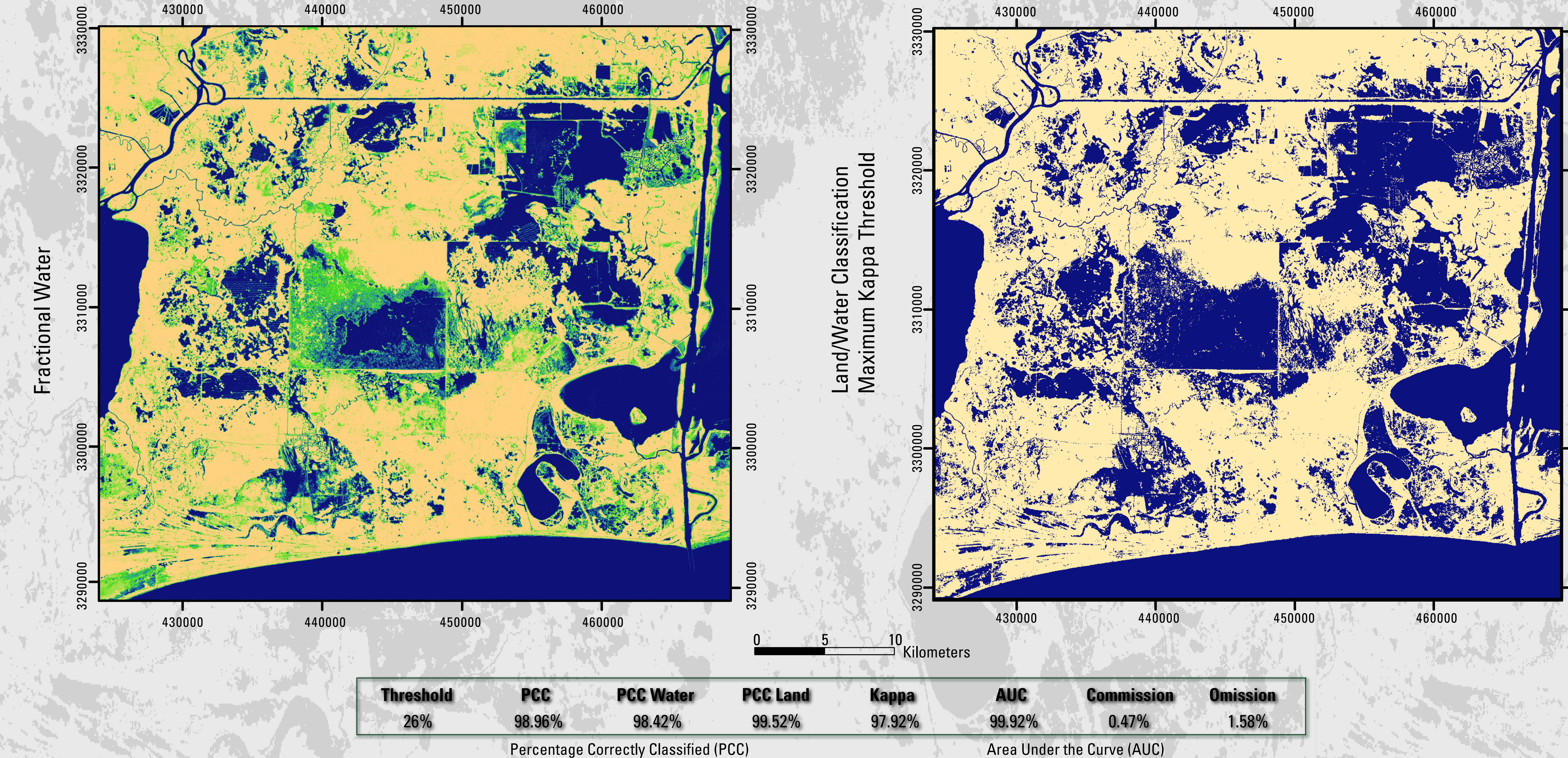
By Monica Palaseanu-Lovejoy,¹ Christine Kranenburg,¹ and John C. Brock²

¹Jacobs Technology, contracted to U.S. Geological Survey, St. Petersburg, FL, ²U.S. Geological Survey, Reston, VA

2003



2006



Projected using the WGS 84 datum and the UTM Zone 15N coordinate system.

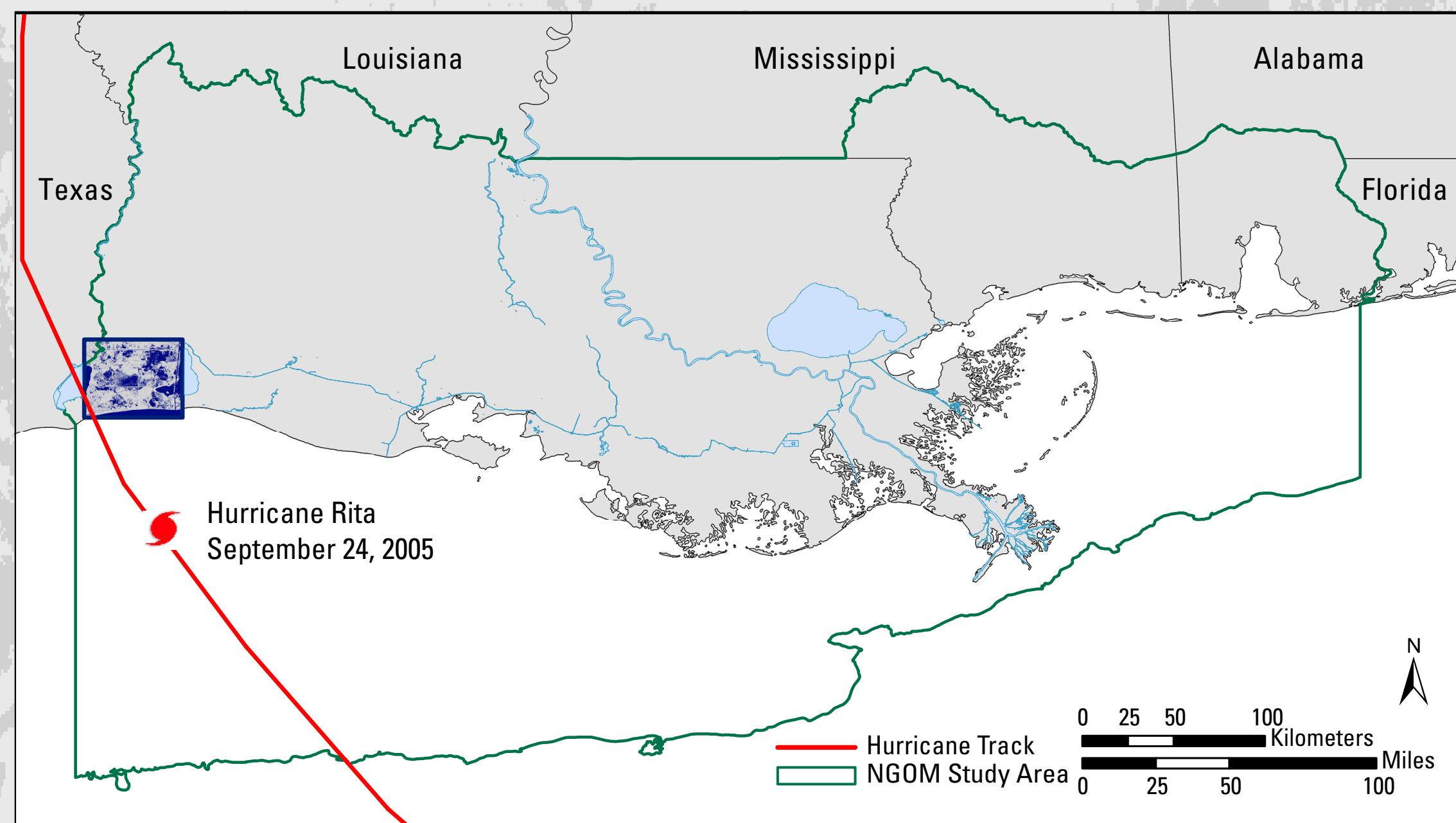
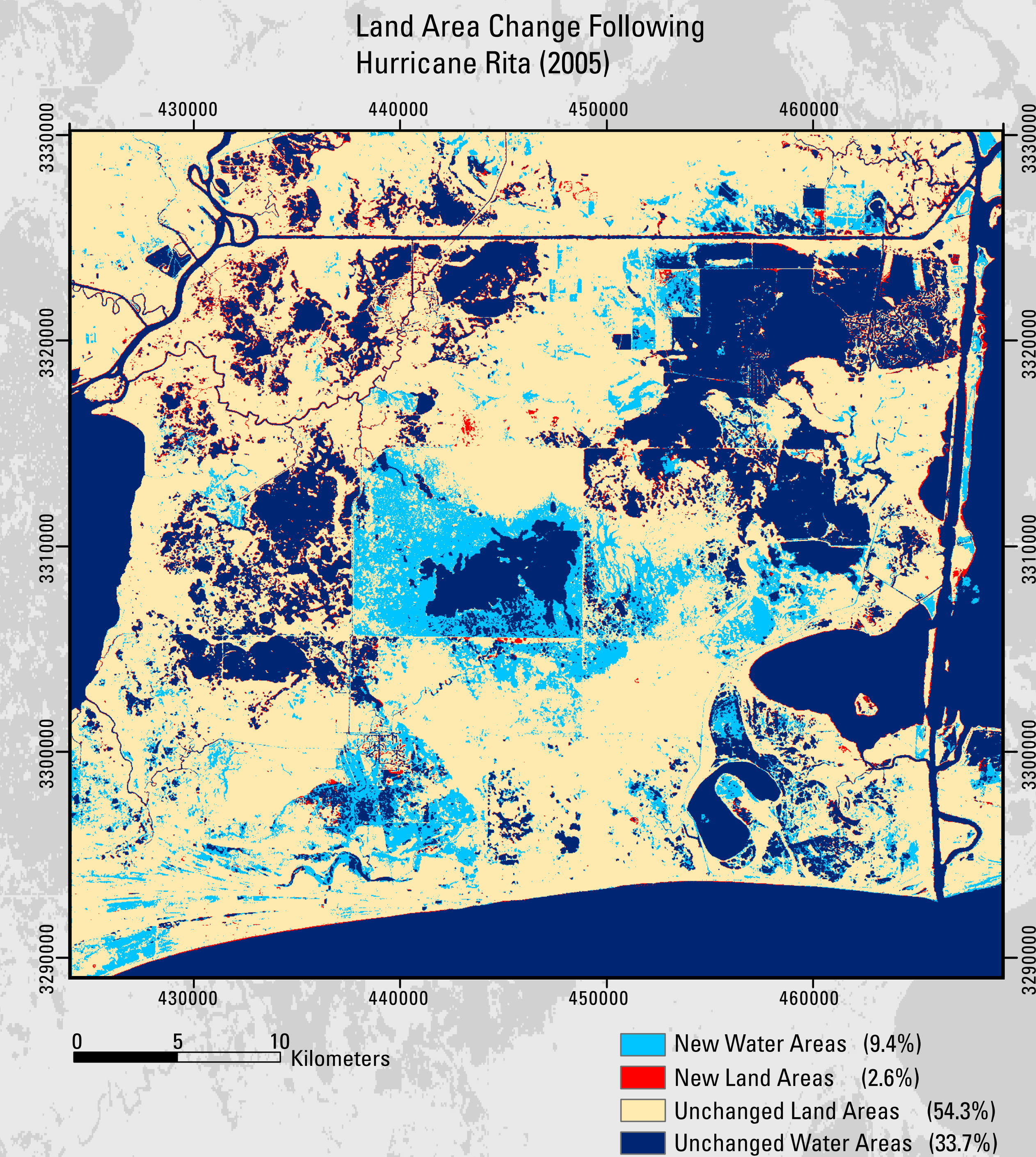
Image Sources:

Landsat 7 Enhanced Thematic Mapper Plus (ETM+) satellite imagery acquired on April 17, 2003, and Landsat 5 Thematic Mapper (TM) imagery acquired on February 12, 2006. IKONOS and QuickBird high resolution imagery acquired on May 23, 2003, and March 25, 2006, respectively. All imagery provided by USGS Earth Resources Observation and Science (EROS) Center. (The data are projected using the WGS 84 datum and the UTM Zone 15N coordinate system.)

Suggested citation:

Palaseanu-Lovejoy, M.E., Kranenburg, C.J., and Brock, J.C., 2010, Land area change and fractional water maps in the Chenier Plain, Louisiana, following Hurricane Rita (2005): U.S. Geological Survey Scientific Investigations Map 3141, 1 sheet, 6 p. pamphlet.

See pamphlet for references cited.



Northern Gulf of Mexico (NGOM) study area showing the track of Hurricane Rita in relation to the land change study area of this map.