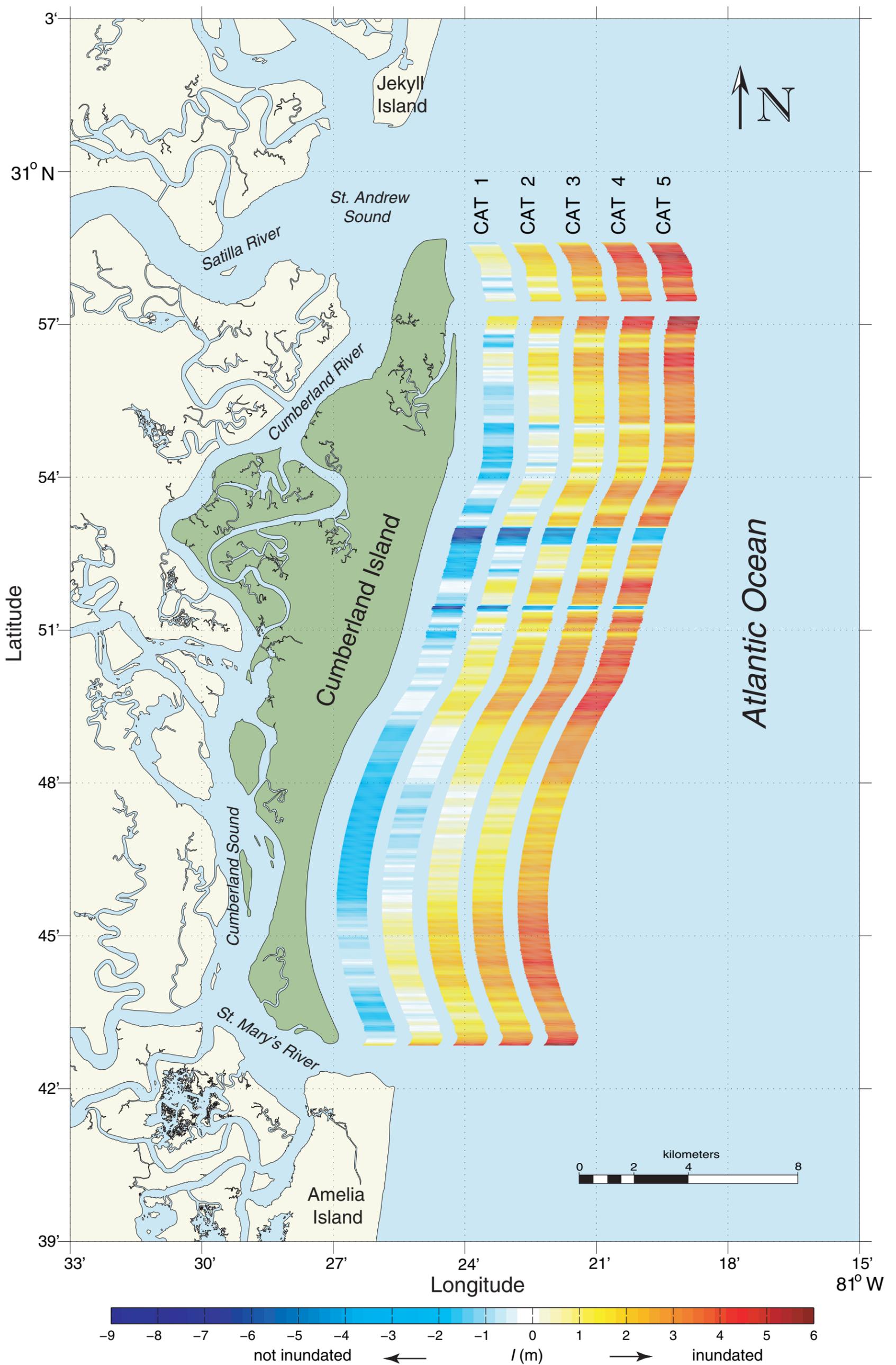


Cumberland Island National Seashore, Georgia

Potential inundation of beach system during direct hurricane landfall



Note: The potential inundation, I , of the beach system is defined as the difference between the predicted storm surge and the measured elevation of the seaward-most sand dune or berm. Surge values along the open coast were extracted from the NOAA SLOSH model and represent the maximum of the maximum. Dune elevations were measured from a lidar topographic survey collected on January 16, 17 and 18, 2006.

Prepared by:

 science for a changing world

Prepared for:


For additional information, see Stockdon, et al., 2007. Vulnerability of National Park Service Beaches to Inundation during a Direct Hurricane Landfall: Cumberland Island National Seashore, USGS Open-File Report 2007-1387.