

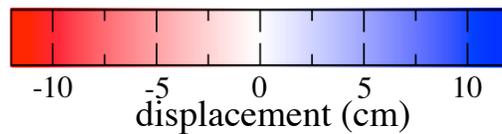
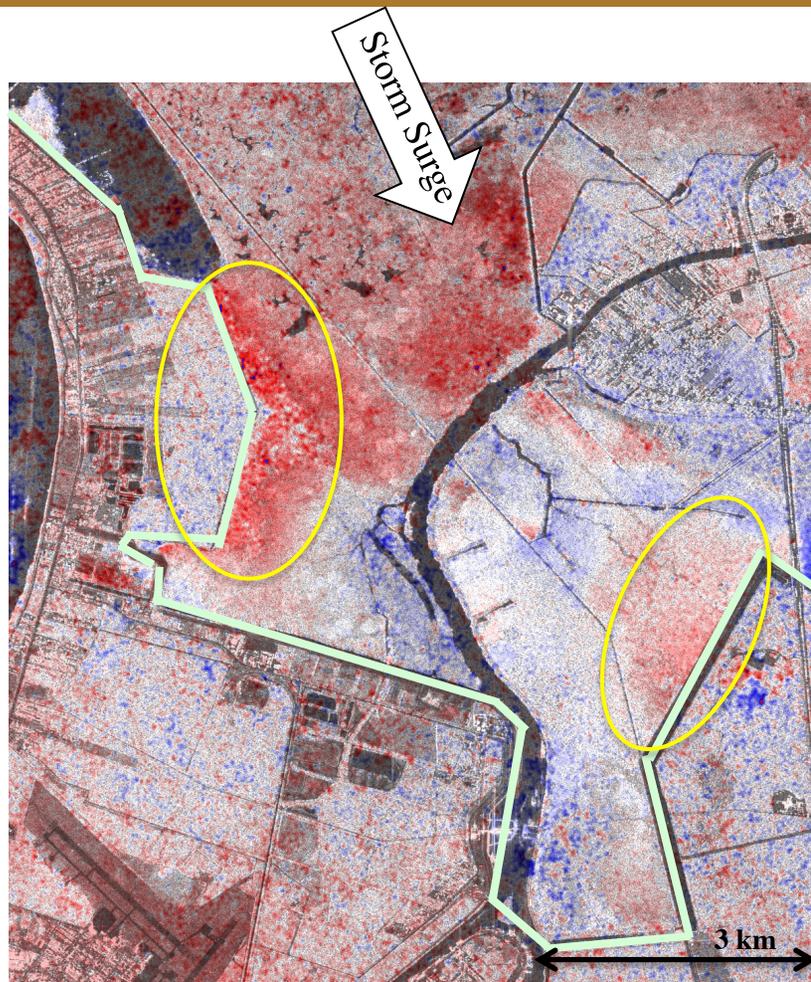


Surface Deformation in Levee Environs

NEW ORLEANS LEVEE SYSTEM – JULY TO OCTOBER 2012



NASA UAVSAR, DINSAR. July 2, 2012 – Oct. 26, 2012



The example shows UAVSAR DINSAR-derived measured localized subsidence behind levees south of New Orleans that protects the metropolitan area from storm surges.

Very large subsidence (~ 7 cm) was observed in one area immediately behind a levee in a 3.5 month interval last fall.

Less severe, but easily detectable subsidence was measured in an area recently instrumented with inclinometers and GPS for ground validation measurements.