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JOINT NEWS RELEASE NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION U.S. GEOLOGICAL SURVEY

-- June 20, 2017 -

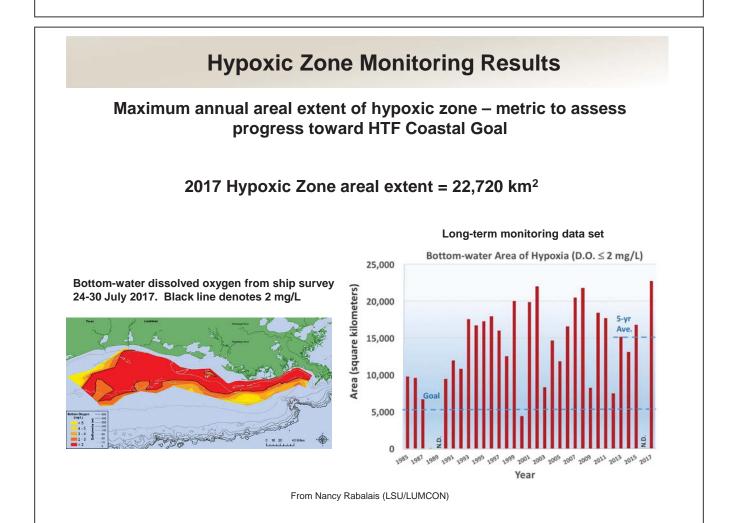
## NOAA, USGS and partners predict third largest Gulf of Mexico summer 'dead zone' ever

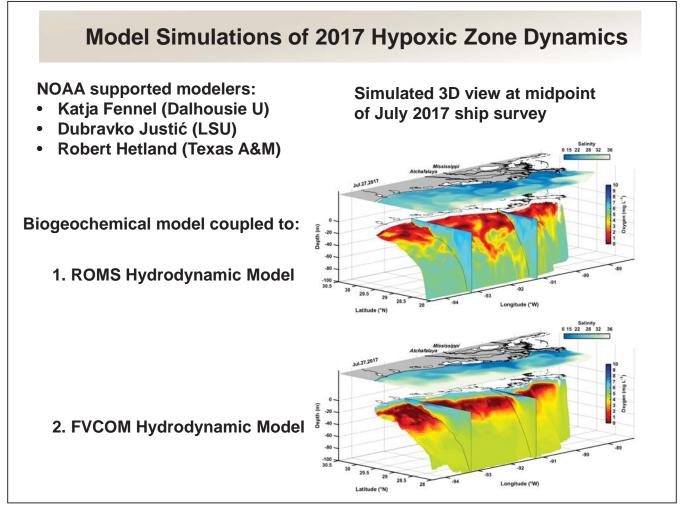
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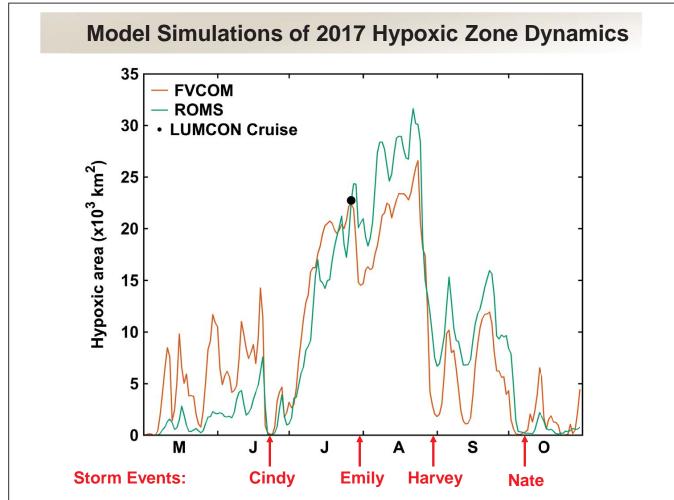
## -- August 2, 2017 --

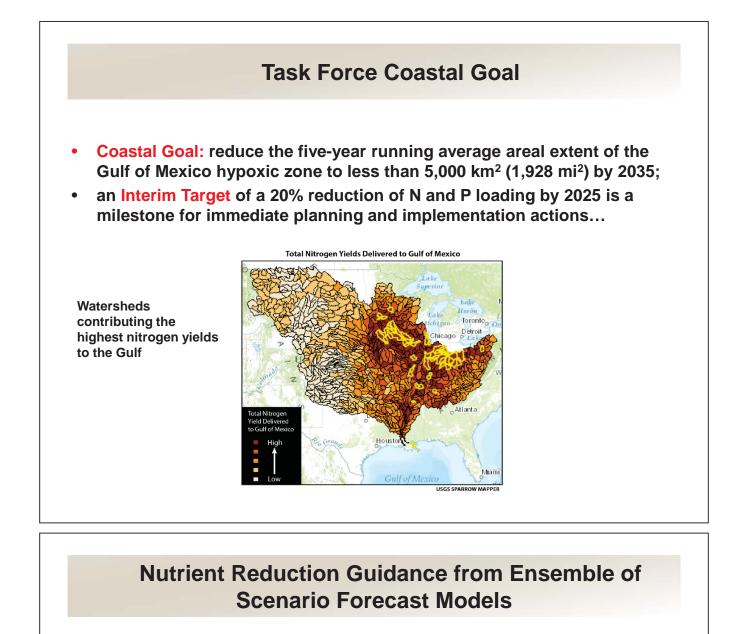
## Gulf of Mexico 'dead zone' is the largest ever measured

Scientists have determined this year's Gulf of Mexico "dead zone," is 8,776 square miles [22,720 square kilometers], an area about the size of New Jersey. It is the largest measured since dead zone mapping began there in 1985.





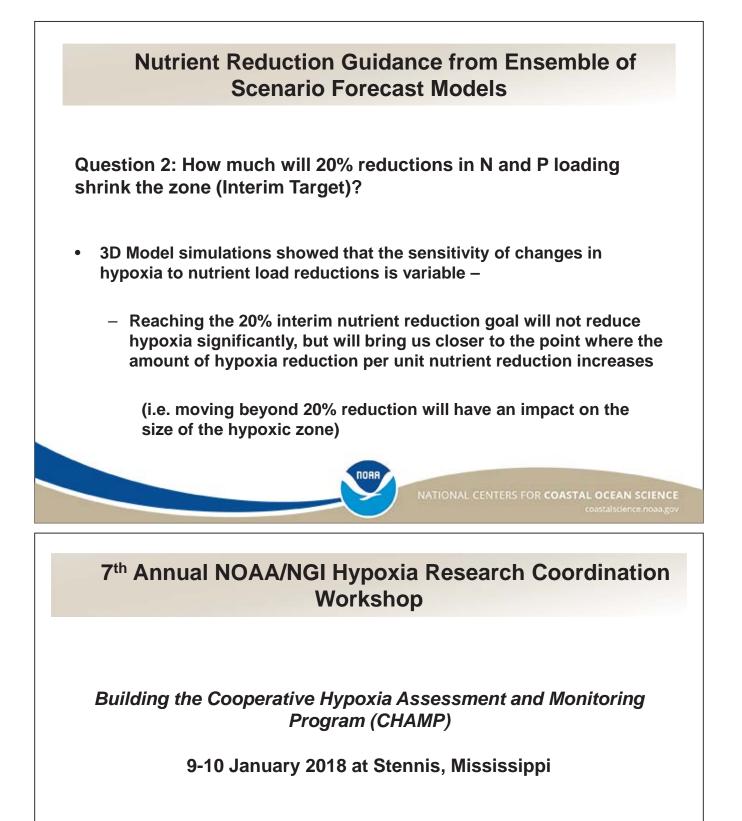




Question 1: What reductions in N and P loading are needed to shrink the Dead Zone to 5,000 km<sup>2</sup> (Coastal Goal)?

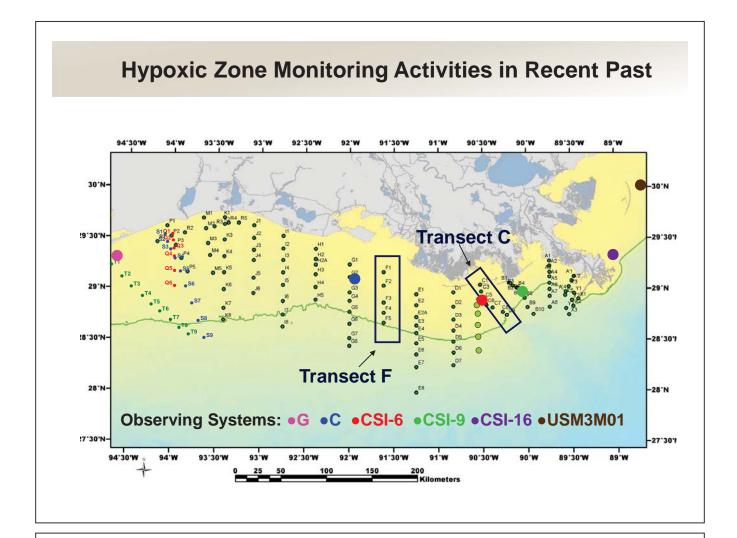
- Models confirmed the importance of a <u>dual nutrient reduction strategy</u>:
  - Targeting N alone would require a ~60% reduction to reach 5,000 km<sup>2</sup> goal;
  - Targeting both N and P would require a 48% reduction of each nutrient, close to the 45% reduction recommended in 2008 Action Plan.





<u>Goal</u>: assess progress of workgroups toward building the CHAMP, and further advance strategic planning to meet remaining CHAMP programmatic and financial needs





Workgroup	Lead(s)
Louisiana	Angelina Freeman (LA CPRA), Dubravko Justić (LSU)
Mississippi/Alabama	Steve Ashby (MSU/NGI), Stephan Howden (USM), Brian Dzwonkowski (DISL)
Texas	Steve DiMarco (TAMU)
Autonomous Vehicles	Steve DiMarco (TAMU)
Fisheries	Kevin Craig (NOAA), Chris Brown (NOAA)
Hypoxia Task Force	Katie Flahive (EPA), Danny Wiegand (EPA)
Ocean Acidification	Barb Kirkpatrick (GCOOS), Nancy Rabalais (LSU/LUMCON), Steve DiMarco (TAMU)
Gulf Restoration	Steve Giordano (NOAA), Becky Allee (NOAA)

