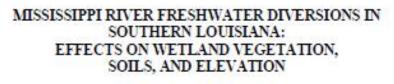


# The Save Louisiana Coalition

2

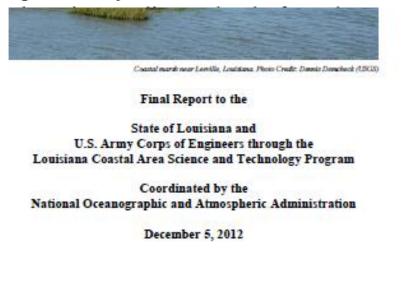


A Position Paper by the Technical Panel from the

Workshop on Response of Louisiana Marsh Soils and Vegetation to Diversions



The Panel concluded that little evidence was available that any Freshwater Diversion in the Louisiana deltaic plain has significantly reversed the rate of marsh degradation and land loss.





#### **Diversion Sites**

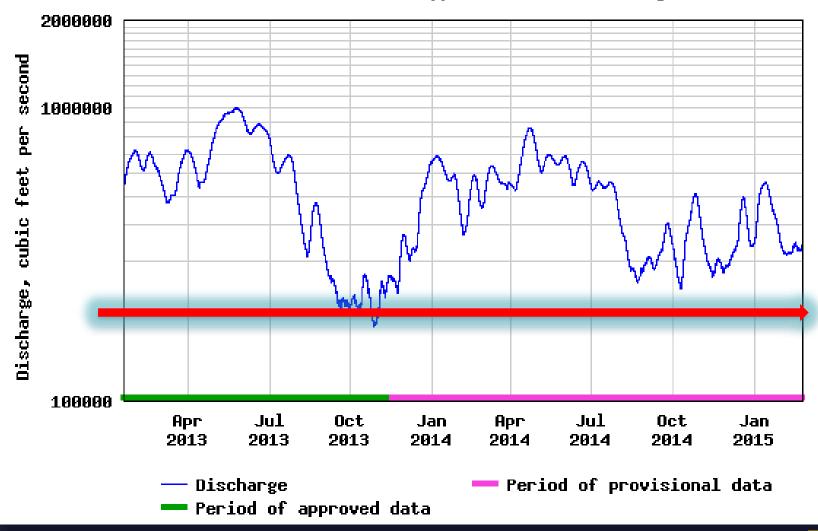


DREDGE DONT DIVERT

#### Southeast Coast: Project List

	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
×	Lower Breton Diversion (50,000 cfs): Sediment diversion into lower Breton Sound in the vicinity of Black Bay to build and maintain land, 50,000 cfs capacity (modeled at 50,000 cfs when Mississippi River flow exceeds 600,000 cfs, at 8% of river flows between 200,000-600,000 cfs, and no operation when river flow is below 200,000 cfs).				001.DI.02	
x	Upper Breton Diversion (250,000 cfs): Sediment diversion into upper Breton Sound in the vicinity of Braithwaite to build and maintain land, 250,000 cfs capacity (modeled at 250,000 cfs when Mississippi River flow exceeds 900,000 cfs, at 50,000 cfs for river flows between 600,000-900,000 cfs, at 8% of river flows between 200,000-600,000 cfs, and no operation when river flow is below 200,000 cfs).				001.DI.17	
×	Central Wetlands Diversion (5,000 cfs): Sediment diversion into Central Wetlands in the vicinity of Violet to provide sediment for emergent marsh creation and nutrients to sustain existing wetlands, 5,000 cfs capacity (modeled at 5,000 cfs when Mississippi River flow exceeds 200,000 cfs and no operation for river flows below 200,000 cfs).			\$189M	001.DI.18	
	Mid-Breton Diversion (5,000 cfs): Sediment diversion into mid-Breton Sound in the vicinity of White Ditch to build and maintain land, 5,000 cfs capacity (modeled at 5,000 cfs for river flows above 200,000 cfs and no operation below 200,000 cfs).			\$123M	001.DI.23	
-			or a 250,000 cts diversion to mid-Baratana. The influe 250,000 cfs project upon completion in the second in			
A-		×	Lower Barataria Diversion (50,000 cfs): Sediment diversion into lower Barataria Bay in the vicinity of Empire, 50,000 cfs; capacity (modeled at capacity when Mississippi River flow exceeds 60,000 cfs; modeled at 8% of river flow from 600,000 cfs down to 200,000 cfs; no operation below 200,000 cfs).		\$203M	002.DI.15
A			Bayou Lafourche Diversion (1,000 cfs): Diversion of the Mississippi River into Bayou Lafourche to increase freshwater flow down Bayou Lafourche, 1,000 cfs capacity (modeled with continuous operation at 1,000 cfs).		\$189M	03a.DI.01
Ya		X Hydrologic Restoration	Amite River Diversion Canal: Hydrologic restoration in Swamp by gapping spoil banks along the Amite River impoundment and restore hydrologic exchange.		\$4M	001.HR.01





USGS 07374000 Mississippi River at Baton Rouge, LA





UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration NATIONAL MARINE FISHERIES SERVICE Southeast Regional Office 263 13th Avenue South SL Petersburg, Florida 33701-5505 http://sero.mins.noaa.gov

F/SER4:RH/PW

JUN 2 6 2013

Ms. Elizabeth L. Davoli Coastal Protection and Restoration Authority Environmental Section Post Office Box 44027 Baton Rouge, Louisiana 70804-4027

Dear Ms. Davoli:

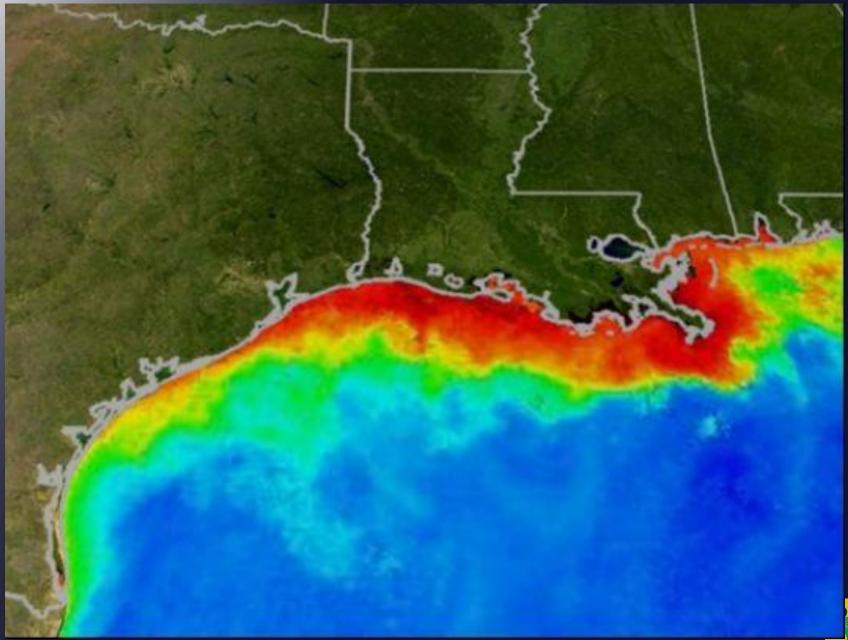
NOAA's National Marine Fisheries Service (NMFS) received the Solicitation of Views request

"(1) DISPLACE MARINE FISHERY SPECIES FROM CURRENTLY PRODUCTIVE HABITATS TO LESS SUPPORTIVE HABITATS, (2) REDUCE MARINE FISHERY PRODUCTIVITY, (3) CONVERT ESSENTIAL FISH HABITAT (EFH) TO AREAS NO LONGER SUPPORTIVE OF SOME FEDERALLY MANAGED MARINE FISHERY SPECIES OR THEIR PREY ITEMS, (4) RENDER WETLANDS IMPACTED BY DIVERSIONS MORE SUSCEPTIBLE TO EROSION FROM STORMS, (5) DEGRADE WATER QUALITY, AND (6) CAUSE SOCIO-ECONOMIC HARDSHIP TO THOSE INVOLVED IN THE COMMERCIAL AND RECREATIONAL FISHING INDUSTRIES."

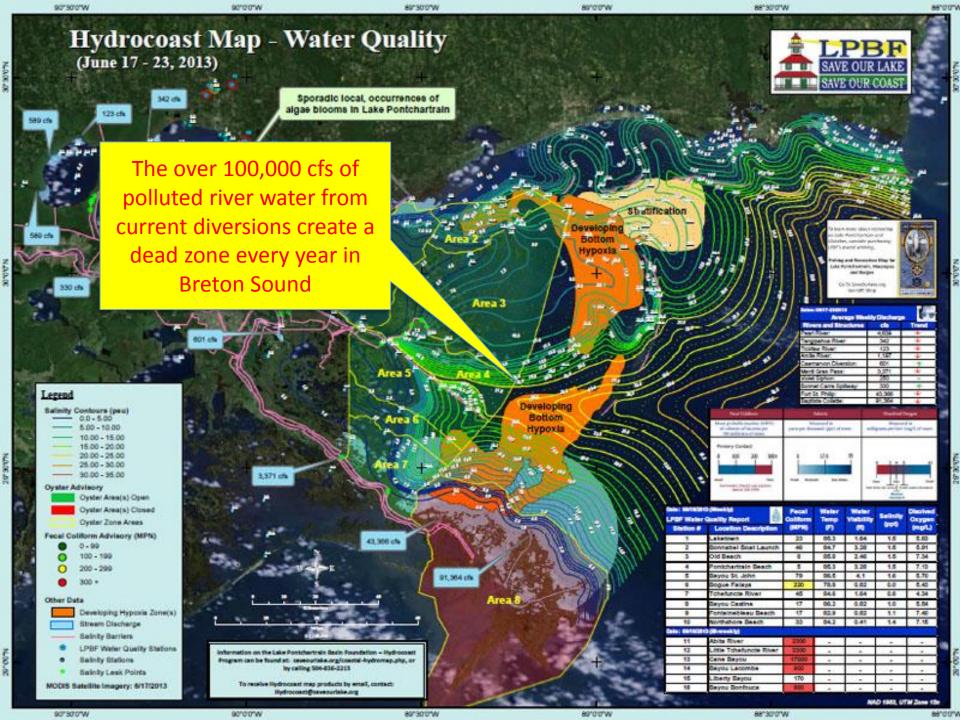
Areas within the influence of the proposed diversion are designated as EFH under provisions of the Magnuson-Stevens Fishery Conservation and Management Act (Magnuson-Stevens Act; P.L. 104-297). Categories of EFH in the Barataria basin include emergent wetlands; mangrove







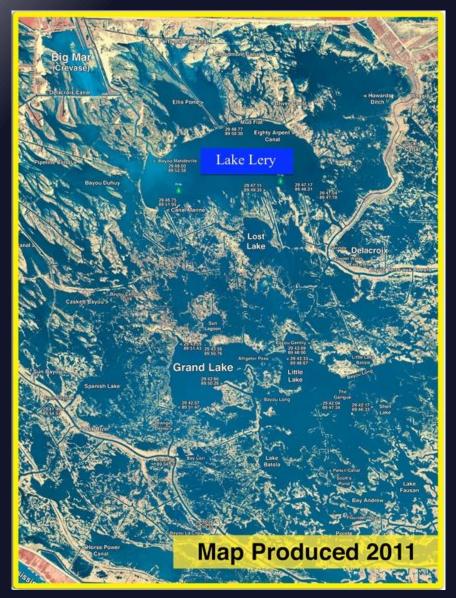




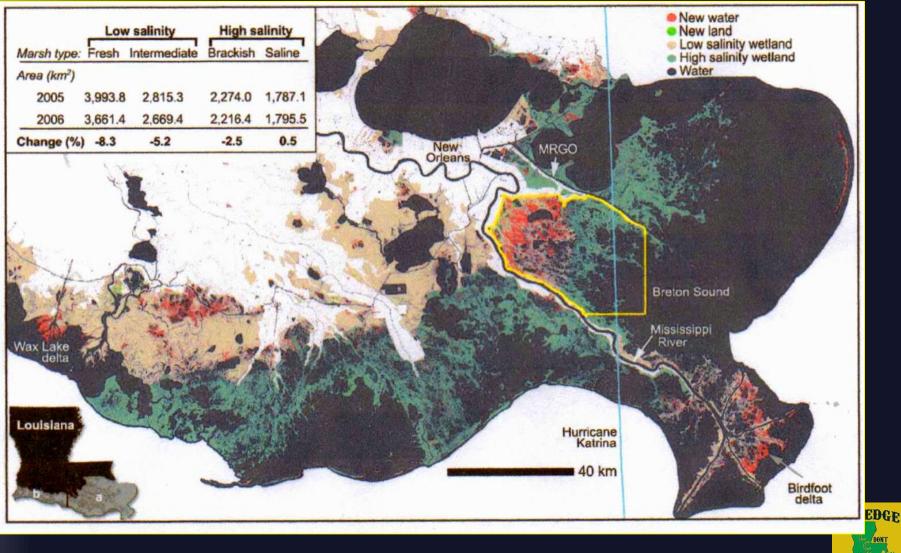




#### **Caernarvon Damage**



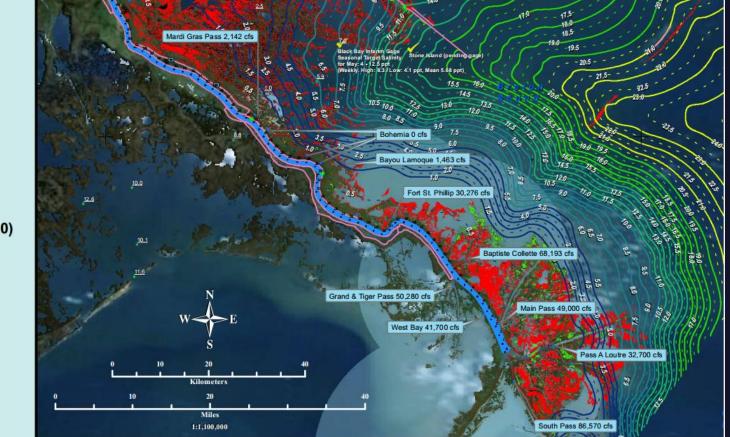
### **River-influenced Land Loss**



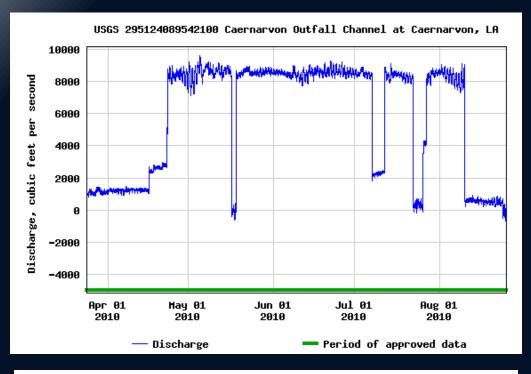
DIVERT

## **River-influenced Land Loss**



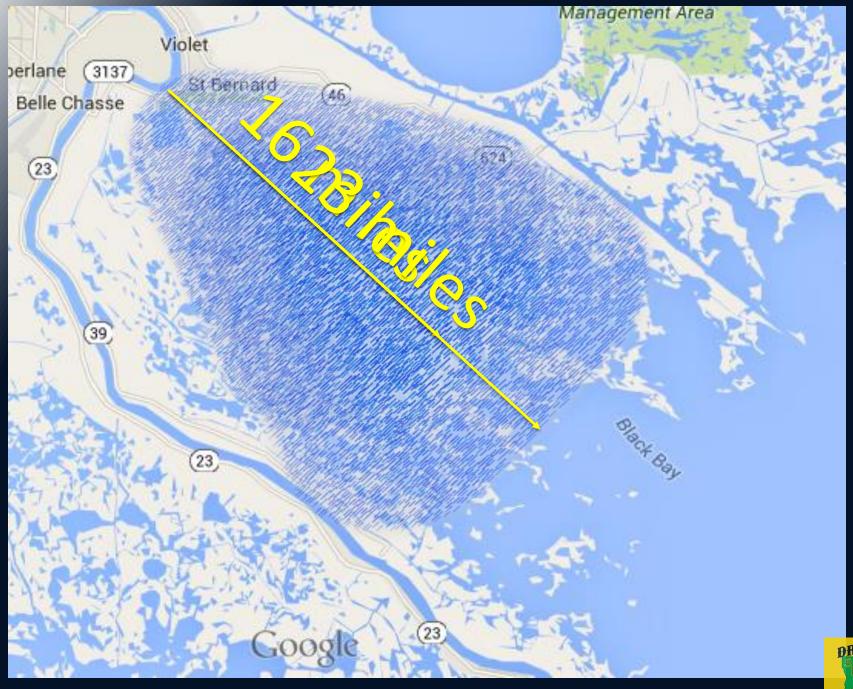




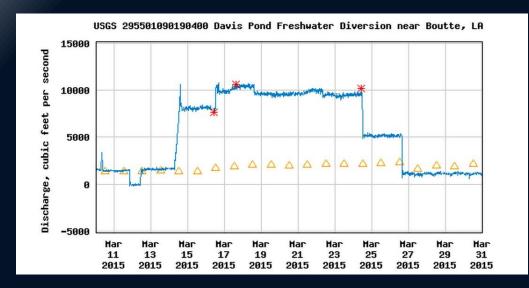




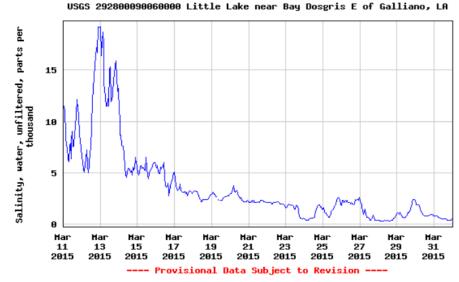








#### Salinity, water, unfiltered, parts per thousand Most recent instantaneous value: 9.0 10-14-2015 18:00 CDT





# LA is the most productive fishery in North America

- 25% of continental U.S. Commercial fisheries
- More than one billion pounds caught annually with a dockside value of \$291 million
- Recreational value \$900 million to \$1.2 billion
- Louisiana has 40% of the coastal marshlands in the U.S.



#### Dredge.....Don't Divert

#### TheSaveLouisianaCoalition.com

