

Configuration  
File  
+waves  
+meteorology  
+tides  
+river flow  
+visualizations

Static Input Data Files  
+ADCIRC Mesh  
+Land Use  
+Bottom Roughness

National Centers for  
Environmental Prediction

Meteorological Data

National Hurricane Center

Hurricane Vortex Parameters

National Severe  
Storms Laboratory

River Flow Data

Tidal Boundary Conditions

Alt. Storm Track Generation

Queue Script Generation

ASGS Main

Generation of ADCIRC and  
SWAN Run Parameter Files

Google Earth Visualizations

OpenDAP Data Publication

GIS Shapefile Generation

email notifications

Coastal Emergency Risks Assessment (CERA)  
Interactive Web Application

