

# AMS SHORT COURSE: COASTAL SURGE AND INUNDATION MODELING SHORT COURSE

9-10 JANUARY 2016

ERNEST N. MORIAL CONVENTION CENTER

NEW ORLEANS, LA

## ORGANIZER & INSTRUCTOR

Andre van der Westhuysen, Pat Fitzpatrick, and Arthur Taylor

## PROGRAM (ROOM 352)

### SUN 10 JANUARY

8:30 A.M.	<b>INTRODUCTION.</b> PAT FITZPATRICK, MISSISSIPPI STATE UNIVERSITY AT STENNIS, STENNIS SPACE CENTER, MS	10:45 A.M.	<b>SURGE CLIMATE: MEOWs &amp; MOMS</b> JESSE FEYEN, NOAA/NOS/OCS, SILVER SPRING, MD
	<b>SURGE MODELING</b>	11:10 A.M.	<b>SURROGATE MODELS</b> RICK LUETTICH, UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, NC
8:35 A.M.	<b>GENERAL THEORY OF STORM SURGE PHYSICS; 1D AND 2D DESCRIPTION.</b> PAT FITZPATRICK, MISSISSIPPI STATE UNIVERSITY AT STENNIS, STENNIS SPACE CENTER, MS	11:35 A.M.	<b>JOINT PROBABILITY THEORY</b> PAT FITZPATRICK, MISSISSIPPI STATE UNIVERSITY AT STENNIS, STENNIS SPACE CENTER, MS
9:00 A.M.	<b>OVERVIEW OF SLOSH MODEL (OPERATIONAL APPLICATION).</b> ARTHUR TAYLOR, NOAA/NWS/MDL, SILVER SPRING, MD	12:00 P.M.	<b>SHORT COURSE LUNCHEON (INCLUDED)</b>
9:30 A.M.	<b>OVERVIEW OF ADCIRC MODEL (ACADEMIC/OPERATIONAL APPLICATION).</b> RICK LUETTICH, UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, NC		<b>TUTORIALS</b>
		1:10 P.M.	<b>ADCIRC TUTORIAL.</b> JASON FLEMING, SEAHORSE COASTAL CONSULTING, MOREHEAD CITY, NC
10:00 A.M.	<b>COFFEE BREAK</b>	3:00 P.M.	<b>COFFEE BREAK</b>
	<b>CHARACTERIZING SURGE UNCERTAINTY</b>	3:10 P.M.	<b>SLOSH TUTORIAL.</b> ARTHUR TAYLOR, NOAA/NWS/MDL, SILVER SPRING, MD
10:20 A.M.	<b>REAL-TIME PROBABILISTIC APPLICATION: P-SURGE</b> ARTHUR TAYLOR, NOAA/NWS/MDL, SILVER SPRING, MD	4:55 P.M.	<b>WRAP-UP.</b> ANDRE VAN DER WESTHUYSEN, NWS/NCEP/EMC, COLLEGE PARK, MD
		5:00 P.M.	<b>SHORT COURSE ADJOURNS</b>