2017 ADCIRC User Group Meeting (May 4-5, 2017)
4-May-17

Breakfast & Check In

7:30 AM - 8:30 AM	*Breakfast & Check In@ Terrace Reception Area*
8:00 AM - 8:30 AM	*Presenters load files to the conference laptop*

5/4/2017 : Morning
Strategic Session @ Ballroom B. Session chair: Shangyao Nong

Time	Speaker	Title	BreakOut @ Room 113
8:45	Hosam Ali	Welcome	
8:50	Shangyao Nong	Logistics	
9:00	Kerry Emanuel	Using Physics to Help Assess Tropical Cyclone Risk	
9:30	Rick Luettich	ADCIRC Water Level Data Assimilation Using Optimal Interpolation	
9:50	Joannes Westerink	Progress in Modeling Tides and Storm Surge in the Western Pacific & Marginal Seas	
10:10	Scott Hagen	ADCIRC and the coastal dynamics of sea level rise	
10:30	Break		
10:50	Clint Dawson	DesignSafe	
11:50	Various	ADCIRC Community Award Nominations; UGM Group Photo	

Lunch

12:10 PM - 13:15 PM	*Lunch @ Essex/Lennox Room*

5/4/2017 : Afternoon
Technical Session @ Ballroom B. Session chair: Matthew V. Bilskie

Time	Speaker	Title		BreakOut @ Room 113
13:15	Matt Bilskie	Development of an optimized tide and hurricane storm surge model for the northern Gulf of Mexico for use with the ASGS		
13:35	Juan Orlando Gonzalez Lopez	Latest applications of ADCIRC+SWAN for tides, waves, currents, storm surge, and hydrology coupling in Puerto Rico and the Virgin Islands	13:35	GitHub Migration Workshop
13:55	Amanda Tritinger	The importance of vertical structure to open-coast surges and its incorporation into depth averaged models	13:55	GitHub Migration Workshop
14:15	Rosemary Cyriac	Circulation dynamics and transport characteristics of density-driven flows in the Choctawhatchee Bay and the River System	14:15	GitHub Migration Workshop
14:35	Marissa Torres	Development of high resolution ADCIRC model for the US northeast coast: Challenges, Issues, and Solutions	14:35	GitHub Migration Workshop
14:55	Ajimon Thomas	Hindcasts of Winds and Surge during Hurricane Matthew (2016): Balancing Large-Domain Coverage and Localized Accuracy		
15:15	Break			
15:40	Brian Joyce	Modeling tides, storm surge and the effect of sea ice in Alaska	15:40	ASGS Advisory Board Formation Meeting
16:00	Steven Brus	A detailed high-order discontinuous Galerkin tidal simulation for Galveston Bay	16:00	ASGS Advisory Board Formation Meeting
16:20	William Pringle	Tides and Storm Surge in the Indian Ocean and South China Sea	16:20	ASGS Advisory Board Formation Meeting
16:40	Chris Massey	Coastal Texas Comprehensive Study		
17:00	Kendra Dresback	Hazards and Resiliency Modelling Initiatives at the University of Oklahoma		
17:20	David Ullman	Storm Surge Impacts of a Major Hurricane in Southern New England		

5/4/2017 : Evening

18:30 PM - 20:00 PM	**Dinner @ Essex/Lennox Room**
	ADCIRC Community Award Winners Announced
	Users Group Dinner @ Essex/Lennox room

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5/5/2017 : Morning

Tactical Session @ Ballroom B. Session chair: Zachary Cobell

Time	Speaker	Title	BreakOut @ Room 113	
8:40	Alireza Gharagozlou	XBeach modeling of erosion during Hurricane Isabel: Resolution requirements for coupling with ADCIRC		
9:00	SeungWon Suh	A real-time beach erosion prediction and hindcasting of marine city inundation using ADCIRC+SWAN+ XBeach+EurOtop	9:00	ADCIRC Career Fair
9:20	Reza Marsooli	Risk Assessment of Hurricane Storm Tide for the US East Coast and Gulf Coast Regions: First Step - Validation of a Coupled Circulation+Wave Model	9:20	ADCIRC Career Fair
9:40	Michelle Terry	Probabilistic Storm Surge Risk Assessment Using a Synthetic Hurricane Database	9:40	ADCIRC Career Fair
10:00	Break		10:00	Break
10:20	Zach Cobell	Migrating ADCIRC Development to GitHub	10:20	ADCIRC Career Fair
10:40	Keith Roberts	Load Balancing in ADCIRC	10:40	ADCIRC Career Fair
11:00	Damrongsak Wirasaet	Progress in using sponge layers as an open boundary treatment in ADCIRC	11:00	ADCIRC Career Fair
11:20	Peyman Taeb	Automated multi-grid tool for high resolution estuarine modeling	11:20	ADCIRC Career Fair
11:40	Tristan Dyer	Advancements in Data Visualization and Subdomain Modeling in ADCIRC	11:40	ADCIRC Career Fair

Lunch

12:00 PM - 13:00 PM	*Lunch @ Essex/Lennox Room*

5/5/2017 : Afternoon

Informational Session @ Ballroom B. Session chair: Jason Fleming

Time	Speaker	Title	BreakOut @ Room 113
13:00	Sergey Vinogradov	ADCIRC Applications at NOAA	
13:20	Saeed Moghimi	Development of the ADCIRC NOUPC/ESMF Cap for flexible model coupling	
13:40	Jason Fleming	What's New in ADCIRC v53	
14:00	Alan Zundel	SMS Features and Future Directions	
14:20	Jason Fleming	The Road to v54	
15:00		User Group Meeting Adjourns	