

# Coastal Coupling Community of Practice Webinar Series

August 20, 2020

1 - 2:30 pm CT

[www.weather.gov/watercommunity](http://www.weather.gov/watercommunity)

# Outline

1. Update on community actions and welcome to new members
2. Ehab Meselhe (Tulane University) channel routing in the transition zone presentation
3. Ali Abdolali (NOAA/NWS/EMC) WW3 developments and application to coastal coupling presentation
4. Future engagement opportunities

# CC CoP Update

- Welcome to new CC CoP members!
- Cloud data pilot project
- AGU session
- Website [www.weather.gov/watercommunity](http://www.weather.gov/watercommunity)

# “Continental Scale Heterogeneous Channel Routing Strategy for Operational Forecast Model”



- Ehab Meselhe, Ph.D., P.E.
- Professor - Department of River-Coastal Science and Engineering, Tulane University
- More than 25 years experience researching coastal wetland hydrology, sediment transport, and computer modeling of coastal wetland, estuarine, and riverine systems
- emeselhe@tulane.edu

# “Advances in the Unstructured WAVEWATCH III Within Earth System Modeling Framework”



- Ali Abdolali, Ph.D.
- Scientist, National Weather Service Environmental Modeling Center
- More than 10 years experience in coastal hazards, tsunami early warning systems, nearshore hydrodynamics, climate change, sea level rise
- Technical lead of wave model development at NCEP and the code manager of WAVEWATCH III
- [ali.abdolali@noaa.gov](mailto:ali.abdolali@noaa.gov)

# Future engagements

Date	Engagement	Location	Other information
October	Webinar on AI	Virtual	
~Bi-monthly	Webinar series	Virtual	Looking for speakers
Dec 1-17	2020 AGU Fall Meeting	Virtual	<a href="#">Scientific session</a> <a href="#">CoP town hall</a> <a href="#">NWC town hall</a>
Jan 10-14	AMS - 35th Conference on Hydrology	New Orleans, LA and Virtual	<a href="#">Scientific session</a> abstract deadline extended to 8/24

[www.weather.gov/watercommunity](http://www.weather.gov/watercommunity) - Please let me know if there is anything that you would like highlighted - presentations, publications, projects, news, events, etc.

**Thank you!**

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