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Coastal Coupling Community of Practice Webinar Series

November 2, 2021

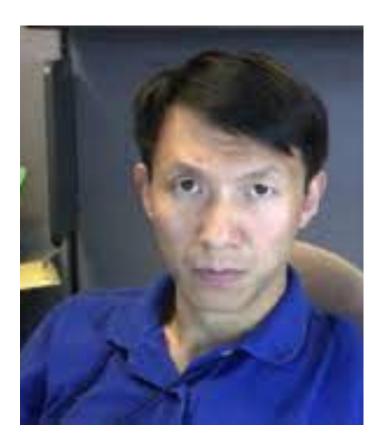
1:30 - 3:00 pm CT

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Agenda

- 1. Yu Zhang (University of Texas at Arlington) Using an NWM-Delft3D coupled modeling system for assessing interactions between riverine and coastal waters during major TC-induced flooding events along the SE Texas Coast
- 2. Tom Foster (DHI Water and Environment) Utilizing a Foundation of Model Integration Examples of Coupled Coastal Flood Modeling DHI Water & Environment
- 3. Patrick Tripp (RPS Group) Cloud Sandbox
- 4. Discussion
- 5. Future opportunities

Yu Zhang



- Associate professor in UT Arlington's Civil Engineering Department.
- Previously spent ten years as a project scientist in the NWS OWP leading efforts in improving forcings and hydrologic predictions.
- M.S. and PhD from Princeton University.
- He is the current editor for AMS Journal of Hydrometeorology and has served as associate editor for Journal of Hydrology.
- yu.zhang@uta.edu



Tom Foster

- DHI Vice President of Coastal & Marine Infrastructure, Americas
- MSc in River, Estuary and Coastal Engineering, Imperial College of Science and Technology, University of London
- DIC with Distinction, River Morphology, Imperial College of Science and Technology, University of London
- Early work focused on numerical models supporting coastal protection and shoreline management
- Recent work focused on marine and coastal infrastructure development projects

Patrick Tripp



- Senior software engineer at RPS Group
- Leading IOOS cloud sandbox development
- B.S. in Computer Science from UC San Diego
- patrick.tripp@rpsgroup.com

Future Engagements

| Date | Engagement | Location | Other information |
|-----------------|---|---------------------------------|--|
| Dec 13-18 | AGU Fall Meeting | New Orleans, LA (and virtual) | https://www.agu.org/Fall-Meeting |
| Feb 27-Mar 4 | Ocean Sciences Meeting | Virtual | https://www.aslo.org/osm2022/ |
| Apr 22-24 | American Water Resources Association | University of Alabama campus | https://www.awra.org/Members/Events and Education/Events/2022 Spring C onference/2022 Spring Conference.asp x |
| May | CC CoP Annual Meeting | | |
| June 19-24 | Frontiers in Hydrology | San Juan, PR | Session proposals open in September https://www.agu.org/FIHM |

Thank you!

cayla.dean@noaa.gov

cell (865) 254-4098

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