



## **Fall Seminar Series**

**Thursday, November 3 @ 3pm  
Room 200, Oceanography & Physics Building  
Or Via Zoom**

**Dr. Y. Joseph Zhang  
Virginia Institute of Marine Science**

### **Cross-scale estuarine and coastal modelling on unstructured grids: a community approach**

Dr. Zhang will discuss the current research frontier in the prediction of storm processes and stress the need for a holistic cross-scale approach to address these complex processes. He will then review work done for the past 2 decades on developing and enhancing an unstructured-grid based GFD model that seeks to unite the hydrostatic processes across discipline boundary under a single versatile modeling framework and that can be easily integrated into an earth-system model as its ocean component. Current important applications that benefit coastal communities are presented.

**To Join Zoom Meeting**

Please Contact [oesadmin@odu.edu](mailto:oesadmin@odu.edu)