

Workshop on Coastal Observation and Modeling Systems
September 8, 2020

Scott Hagen

Director, LSU Center for Coastal Resiliency
Professor, Civil & Environmental Engineering / Center for Computation & Technology
John P. Laborde Endowed Chair for Sea Grant Research and Technology Transfer
Louisiana State University, Baton Rouge, LA 70803

Scott C. Hagen is a professor at the Louisiana State University in the Department of Civil & Environmental Engineering with a joint appointment in the Center for Computation & Technology. Dr. Hagen holds the Laborde Endowed Chair for Sea Grant Research and Technology Transfer and serves as the director of the LSU Center for Coastal Resiliency. Prior to joining LSU in January 2015, he was a faculty member in the University of Central Florida Civil & Environmental Engineering department where he founded and directed the Coastal Hydroscience Analysis, Modeling and Predictive Simulations Laboratory. He is a past member of the Board of Governors for the ASCE/Coasts, Oceans, Ports and Rivers Institute and contributed to the predictive modeling technical advisory group for the 2017 Louisiana Coastal Master Plan. In 2014 he was elected a fellow of the American Society of Civil Engineers. On May 14, 2016 he was inducted into the University of Iowa, College of Engineering Distinguished Engineering Alumni Academy. Dr. Hagen has authored over 100 peer-reviewed journal articles with focus on massively parallel, high performance computational modeling of ocean, coastal, and inland astronomical and meteorological tides and flows. Scott, his students, and colleagues work with stakeholders to conduct transdisciplinary research that helps government agencies issue more accurate emergency advisories during storms and understand complicated coastal hydrodynamics and related biological behaviors from historical, present-day, and future perspectives. Dr. Hagen's research has led to a shift in the paradigm of how climate change in general and sea level rise in particular are assessed at the coastal land margin.

For more detail, see: <https://lsu.edu/ccr/> & <https://www.lsu.edu/eng/cee/people/Hagen.php>