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EDUCATION

B.S., Zagazig University, Egypt (1987), M.S., University of Iowa (1991), Ph.D., University of Iowa (1994)

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BIOGRAPHY

Ehab Meselhe, Ph.D., P.E., is Professor in the Department of River-Coastal Science and Engineering at Tulane University. Dr. Meselhe has more than 25 years of experience researching coastal wetland hydrology, sediment transport, and computer modeling of coastal wetland, estuarine, and riverine systems. He worked as an educator, researcher, and practitioner with extensive experience working with academic institutions, government agencies, and the private sector. Dr. Meselhe served as Louisiana's technical lead for the Mississippi River Hydrodynamic and Delta Management Study and helped build the numerical models that provided a foundation for Louisiana's 2012 and 2017 Coastal Master Plans. Dr. Meselhe is heavily involved in the numerical modeling being used by Louisiana to help refine the design of sediment diversions at Mid-Barataria and Mid-Breton along the Mississippi River. Dr. Meselhe is a registered Professional Engineer in the states of Iowa and Louisiana. He also served as an Associate Editor of the Journal of Hydrology (Elsevier), and the Journal of Hydraulic Research (International Association of Hydraulic Research).

SELECTED PUBLICATIONS

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CLASSES TAUGHT

RCSE 6800	Introduction to River Science and Engineering (Co-Instructor)
RCSE 6820	River-Coastal Hydrologic and Hydraulic Modeling
RCSE 6900	Independent Study

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RESEARCH INTERESTS

My research activities focus on development and application of numerical models to natural systems. I am particularly interested in integrating physical, ecological and social processes for inland watersheds riverine, deltaic and coastal systems.