

**Publication Information for Joint Subcommittee on Coastal Flooding Presentation
(9/2/2025)**

CCRFR Publications for Projects at ODU

Found in ODU Digital Commons:

Estimating the Economic Impact of a Natural Disaster on the Workforce Resiliency: An Analysis of the Virginia Beach - Chesapeake - Norfolk Metropolitan Statistical Area

Authors: Robert M. McNab, Yin-Hsuen Chen, George McLeod

Journal Article Citations:

(<https://www.sciencedirect.com/science/article/pii/S096456912400423X>)

Ismael D, Hutton N, Erten-Unal M, Considine C, Vandecar-Burdin T, Davis C, Chen Y-H. Community-Centric Approaches to Coastal Hazard Assessment and Management in Southside Norfolk, Virginia, USA. *Atmosphere*. 2024; 15(3):372. <https://doi.org/10.3390/atmos15030372>

Sloey, TM, Gieser*, K.D., Pounders†, K., Baez*, SE, Whytlaw, J. (2025) Efficacy of stress acclimation techniques in coastal wetland plants (*Spartina alterniflora* and *S. patens*): implications for restoration and nursery production. *Wetlands Ecology and Management*. DOI: 10.1007/s11273-025-10079-8

Robert M. McNab, Yin-Hsuen Chen, George M. McLeod, Estimating the economic vulnerability of 2020–2099 storm flooding with sea level rise on Coastal Virginia, *Ocean & Coastal Management*, Volume 259, 2024, 107438, ISSN 0964-5691. <https://doi.org/10.1016/j.ocecoaman.2024.107438>.

Journal Articles Under Review:

Using Virtual Reality to Enhance Flood Risk Awareness and Climate Change Education: A Geospatial Approach for Higher Education.

Authors: Dalya Ismael, Yin-Hsuen Chen, Blake Steiner, George McLeod, Carol Considine

Evaluating the Long-Term Effectiveness of Marsh Terracing for Conservation with Integrated Geospatial and Wetland Simulation Modeling. Publication pending on the *Water Journal*.

Authors: Nick Carpenter, Laura Costadone, Thomas R Allen *

From Reviews to Value: Harnessing Crowdsourced Data to Capture Visitor Perceptions and Economic Benefits of Recreation. Under review in the *Ecosystems and People Journal*.

Authors: Laura Costadone* and Shan Zhang