



**Pamela K. Judge, PE, PG**

, AY 2022-2023

Mentored interdisciplinary senior design team of civil and mechanical specializations

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P.K., Sundberg, F., DeGroot, D.J., Zhang, G. (2022) "Effects of Biopolymers on the Liquid Limit and Undrained Shear Strength of Soft Clays." *B E E*, Vol 81, Issue 342.

, P.K., Buxton, J.A., Sheahan, T.C., Phetteplace, E.R., Kriebel, D.L., and Hamin Infield, E.M. (2020) "Teaching across Disciplines: A Case Study of a Project-Based Short Course to Teach Holistic Coastal Adaptation Design." *E*, 10(3), 341-351.

Hamin, E.M.; Abu-Asrar, Y.; Poterand, M.R.; Judge, P.K.; Kenney, M.A.; Kirshen, P.; Sheahan, T.C.; DeGroot, D.J.; Ryan, R.L.; McAdoo, B.G.; Nurse, L.; Buxton, J.A.; Sutton-Grier, A.E.; Albright, E.A.; Marin, M.A.; Fricke, R. (2018). "Pathways to Coastal Resiliency: The Adaptive Gradients Framework." *E*, 10, 2629.

, P.K., Ober, H.W., Higgins, J.D. ah-

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Awarded \$6,160 and a course release to support " Evaluation of Soft Clays and the Influence of Biopolymers."

Received \$5,000 to support an undergraduate student research intern. Research topic includes investigation of a 3D-printed mesh as an environmentally benign methods for minimizing soil erosion.

Awarded \$811 in support of student senior design project "Analysis and Design of Cliff Walk Collapse". Provided support for students to attend the 2023 Eastern Colleges Science Conference, Spring 2023.

Awarded by the American Society for Engineering Education to individuals that demonstrate "impressive contributions to engineering education, a demonstrated commitment to increasing

Yearly-long program focuses on building, developing inclusive curriculum and classroom thinking critically about the impact of their efforts on student learning and success. Discussions center on questions about topics of diversity, equity and social justice in a specific course.

Awarded \$6,796 to support course

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Schnabel E