

DR. JEAN TAYLOR ELLIS

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EDUCATION

Ph.D.	2006	Texas A&M University (Geography)
M.S.	2001	University of Southern California (Geography)
B.S.	1999	University of Southern California (Environmental Studies/Biology; Geography minor)

RECENT PROFESSIONAL POSITIONS

2018 –	Associate Professor (with tenure)	Department of Geography
2016 – 2019	Director of Graduate Studies	Department of Geography
2014 – 2018	Associate Professor (with tenure)	Department of Geography and School of Earth, Ocean & Environment, Adjunct with Environment and Sustainability Program and Associate Faculty with the Belle W. Baruch Institute for Marine and Coastal Sciences, University of South Carolina
2014	Fulbright Scholar	Instituto de Ciências do Mar – LABOMAR, Universidade Federal do Ceará, Brazil
2009 – 2014	Assistant Professor	Department of Geography and Marine Science Program, University of South Carolina
2007 – 2008	Research Scientist	National Aeronautics and Space Administration (NASA)

RESEARCH OUTPUTS

Referred Journal Articles	45
Book	1
Referred Book Chapters	4
Unrefereed Journal and Conference Articles and Book Chapters	7
Technical Reports, Maps, and Monographs	18
Oral Papers at Conferences (as 1st author)	33
Invited Seminars and Conference Presentations	22
Organized Conference Sessions	31

SELECTED PUBLICATIONS

Ellis, J.T., Román-Rivera, M.A., Harris, M.E., Tereszkievicz, P.A., *in print*. Two years and two hurricanes later: Did the dunes recover? *Shore & Beach*.

Harris, M.E. and Ellis, J.T., *in print*. A holistic approach to evaluating dune cores. *Journal of Coastal Conservation*.

Harris, M.E., Ellis, J.T., and Barrineau, C.P., 2020. Evaluating the geomorphic response from sand fences on dunes impacted by hurricanes. *Ocean and Coastal Management*, 193.
<https://doi.org/10.1016/j.ocecoaman.2020.105247>

- Román-Rivera, M. and Ellis, J.T., 2018. The king tide conundrum. *Journal of Coastal Research*, 34(4) : 769-771.
- Treszkiewicz, P.A., Ellis, J.T., and Gould, H.A., 2019. Introducing a cost-effective methodology to assess island-wide geomorphic change. *Journal of Coastal Conservation*, 23: 563-569.
- Sherman, D.J., Li, B., Ellis, J.T., and Swann, C., 2018. Intermittent aeolian saltation: A protocol for quantification. *Geographical Review*, 108(2): 296-314.
- Martin, R.L., Kok, J.F., Hugenholtz, C.H., Barchyn, T.E., Chanecki, M., Ellis, J.T., 2018. High-frequency measurements of aeolian saltation flux : Field-based methodology and applications. *Aeolian Research*, 30: 97-114.
- Wegner, C.E. and Ellis, J.T., 2017. The influence of sea-level rise on wave energy dissipation and wave-driven currents at Buck Island National Monument. *Journal of Coastal Research*, 33(1): 56-66.
- Carvalho, A.M., Ellis, J.T., Lamothe, M., Maia, L.P., 2016. Using wind direction and shoreline morphology to model sand dune mobilization. *Journal of Coastal Research*, 32(5): 1005-1015.
- Ellis, J.T. and Sherman, D.J. (Volume Editors), 2015. *Coastal and Marine Hazards, Risks, and Disasters*. Shroder, J.F. (Series Editor in Chief). Elsevier, Hazards and Disaster Series, 593 pp.
- Ellis, J.T. and Cappiotti, L., 2013. Storm-driven hydrodynamic and sedimentological impacts to an engineered coast. *Journal of Coastal Research*, SI65: 1461-1466.
- Ellis, J.T., Sherman, D.J., Farrell, E.J., and Li, B., 2012. Temporal and spatial variability of aeolian sand transport: Implications for field measurements. *Aeolian Research*, 3: 379-387.
- Ellis, J.T., Morrison, R.F., and Priest, B.H., 2009. Measuring the transport of aeolian sand with a microphone system. *Geomorphology*, 105: 87-94.

PROFESSIONAL ACTIVITIES AND AWARDS

- Grantsmanship: \$1,157,497 (competitive) mainly from Fulbright, US National Science Foundation (NSF) (as PI), and NASA (as PI)
- Reviewing: Editorial Board Member of *Journal of Coastal Research*, *The Professional Geographer*, and *Journal of Marine Science and Engineering*; reviewer for over 30 different peer-reviewed journals; book proposal reviews for Elsevier and Oxford University Press; external proposal reviewer/panel member for National Science Foundation, NASA, U.S. ACE, NSCERC, European Science Foundation
- Disciplinary Service: Chair of Coastal and Marine Specialty Group of the Association of American Geographers, former board member of the International Society for Aeolian Research
- Research Supervision (as chair): 1 PhD completed, 8 Master's completed, 2 PhD and 1 MS (in progress), 19 undergraduates completed (including a Rhodes Scholar)
- University award winner and/or finalist for outstanding graduate teaching, outstanding undergraduate research mentoring, outstanding undergraduate advisor, advocating for first-year students, and outstanding support of the Office of Student of Disability Services

INTERNATIONAL ACTIVITIES

- Over 10 years of experience formulating, organizing, and leading multi-national and –cultural project teams
- Developed and taught 'Beach-Dune Interactions' course for graduate students and faculty at Universidade Federal do Ceará
- Project leader in seven developed and developing countries. Brazil-related research: 5 projects spanning 9 years and ~18 months in residence (including Fulbright); projects involved scholars and students from six countries and resulted in 14 peer-reviewed journal articles, completion of two M.S. students and one doctoral student, and 16 conference presentations