

Dr. Simon J. Geist

Texas A&M University-Corpus Christi
Science & Engineering, Life Sciences

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Education

PhD, University of Bremen, 2013.

Diplom Biologie, University of Bremen, 2007.

Professional Employment

Assistant Professor, Texas A&M University Corpus Christi. (September 2015 - Present).

Teaching
Research
Service

Research scientist (postdoc), Leibniz Center for Tropical Marine Ecology. (June 2013 - July 2015).

Research scientist (PhD candidate), Leibniz Center for Tropical Marine Ecology. (May 2009 - November 2012).

Professional Memberships

Association for the Sciences of Limnology and Oceanography
American Fisheries Society
Deutsche Gesellschaft für Meeresforschung

TEACHING

Teaching Experience

BIOL 4396, DIS: Evaluation of microplastic pollution and influence on the diet of larval and juvenile fish

BIOL 5430, Marine Plankton

FAMA 5328, FISHERIES ECOLOGY & MANAGEMENT

FAMA 5329, Fisheries Techniques

FAMA 5392, THESIS PROPOSAL

FAMA 5596, DIS: Composition of Zoo-/Ichthyoplankton in the vicinity of coastal inlets

MARB 6102, GRADUATE RESEARCH SEMINAR

MARB 6328, FISHERIES ECOLOGY & MANAGEMENT

MARB 6590, Fisheries Techniques

SCHOLARLY AND CREATIVE ACTIVITIES

Publications

Refereed

Journal Articles

Geist, S., Kunzmann, A., Verheye, H. M., Eggert, A., Schukat, A., Ekau, W. (2015). Distribution, feeding behaviour, and condition of Cape horse mackerel early life stages, *Trachurus capensis*, under different environmental conditions in the northern Benguela upwelling ecosystem. *ICES Journal of Marine Science*, 72(2), 543-557.
<http://icesjms.oxfordjournals.org/content/72/2/543>

Geist, S., Ekau, W., Kunzmann, A. (2013). Energy demand of larval and juvenile Cape horse mackerels, *Trachurus capensis*, and indications of hypoxia tolerance as benefit in a changing environment. *Marine Biology*, 160, 3221-3232.
http://download.springer.com/static/pdf/971/art%253A10.1007%252Fs00227-013-2309-2.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Farticle%2F10.1007%252Fs00227-013-2309-2&token2=exp=1460997622~acl=%2Fstatic%2Fpdf%2F971%2Fart%25253A10.1007%25252Fs00227-013-2309-2.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Farticle%252F10.1007%252Fs00227-013-2309-2*~hmac=b0f8d5db1c24de7247d314472ab92818418a1718bec128c7280ac5c5e9d74a21

Geist, S. J., Nordhaus, I., Hinrichs, S. (2012). Occurrence of species-rich crab fauna in a human-impacted mangrove forest questions the application of community analysis as an environmental assessment tool. *Estuarine, Coastal and Shelf Science*, 96, 69-80.
<http://www.sciencedirect.com/science/article/pii/S0272771411004100>

Non-Refereed

Journal Articles

Diele, K., Tran Ngoc, D. M., Geist, S., Meyer, F. W., Pham, Q. H., Saint-Paul, U., Tran, T., Berger, U. (2013). Impact of typhoon disturbance on the diversity of key ecosystem engineers in a monoculture mangrove forest plantation, Can Gio Biosphere Reserve, Vietnam. *Global and Planetary Change*, 110, 236-248.

Hinrichs, S., Nordhaus, I., Geist, S. J. (2009). Status, diversity and distribution patterns of mangrove vegetation in the Segara Anakan lagoon, Java, Indonesia. *Regional Environmental Change*, 9, 275-289.

Presentations

Geist, S. (Author), Hajovsky, P. (Author & Presenter), Bromschwig, M. (Author), Tominack, S. (Author), Camacho, C. (Author), Hardin, D. (Author), "Assessing the Ichthyoplanktonic Food Web and Influence of Microplastics in the Texas Coastal Bend," Texas Bays and Estuaries Meeting 2017, UTMSI, Port Aransas. (April 12, 2017).

Geist, S. (Author), Bromschwig, M. (Author & Presenter), "Comparing the Ichthyoplankton food web in the vicinity of three coastal inlets in the Texas Coastal Bend," 2017 Texas Chapter of the American Fisheries Society Meeting, American Fisheries Society, Corpus Christi. (January 19, 2017).

Geist, S. (Author & Presenter), Hajovsky, P. (Author), Bromschwig, M. (Author), Camacho, C. (Author), Hardin, D. (Author), "Introducing the Geist Early Life History Lab at Texas A&M University, Corpus Christi," 2017 Texas Chapter of the American Fisheries Society Meeting, American Fisheries Society, Corpus Christi. (January 19, 2017).

Geist, S., "COASTAL MARINE RESEARCH at TAMUCC/SOUTH TEXAS," ZMT's alumni kick-off conference, Leibniz Center for Marine Tropical Ecology (ZMT), Bremen, Germany. (October 28, 2016).

Geist, S., "Early Life History and Recruitment Research in the Geist lab and the Fisheries and Mariculture program at TAMUCC," Corpus Christi Friday Morning Group, Corpus Christi Friday Morning Group, Corpus Christi. (August 22, 2016).

Geist, S., "Learning from Survivors - Interactions between early life stages and environmental conditions," UTMSI Seminar, University of Texas Marine Science Institute, Port Aransas. (July 22, 2016).

Geist, S., "Larval growth and condition of coastal pelagic fish in the Northern Benguela System related to an Upwelling filament," 40th Annual Larval Fish Conference, American Fisheries Society, Solomons, MD. (June 22, 2016).

Geist, S. (Author & Presenter), Imam, R. M. (Author), Kunzmann, A. (Author), Ekau, W. (Author), "Different Levels of Hypoxia Tolerance during Early Life History Stages of Key Fish Species from the Northern Benguela Upwelling Ecosystem Inferred from the Comparison of Eco-Physiological Traits," Ocean Sciences Meeting 2016, ASLO, New Orleans. (February 23, 2016).

Musa, R. I. (Author & Presenter), Geist, S. (Author), Kunzmann, A. (Author), "Metabolic enzymatic activity in early life stages of key fish species from the Northern Benguela Upwelling System," 39th Annual Larval Fish Conference, AFS, Vienna, Austria. (July 16, 2015).

SERVICE

Department

Department Point of Contact - Scotland Student Exchange. (May 2017 - Present).
LSCI Library liaison. (November 2016 - Present).
Attendee, Meeting, Island Day. (February 2017).
Attendee, Meeting, Island Day. (November 2016).
6th Annual Graduate Program in Marine Biology Science Symposium & 8th Annual Marine Biology IDP Faculty Retreat. (January 2016).
Attendee, Meeting, MSGSO 5th Annual Student Research Forum. (December 2015).
Represented LSCI, Grad Fair for FAMA, BIOL and MARB program. (November 2015).

University

Committee Member, Environmental Council. (August 2016 - Present).
Attendee, Award Ceremony, Fall Commencement Ceremony. (December 2016).
Attendee, Award Ceremony, Fall Commencement Ceremony. (December 2015).
Attendee, Meeting, 12th Annual Pathways Student Research Symposium. (October 2015).

Professional

Attendee, Meeting, Texas Bays and Estuaries Meeting. (April 2016).
Attendee, Meeting, The Oso Bay & Oso Creek Implementation plan Coordination Committee. (January 2016).
Attendee, Meeting, CBBEP Habitat and Living Resources Implementation team (HLRT) Meeting. (January 2016).
Attendee, Meeting, CBBEP Water and Sediment Quality Implementation Team. (January 2016).

Reviewer, Grant Proposal, FONDECYT Fondo Nacional de Desarrollo Científico y Tecnológico.
(December 2015).
Reviewer, Journal Article, Oceanologia. (October 2015 - December 2015).