

# David P Retchless

## Contact Information

**Building:** Ocean and Coastal Sciences Building (OCSB)  
**Room:** 361  
**Street 1:** 200 Seawolf Parkway  
**City:** Galveston  
**State or Province:** TX  
**Zip / Postal Code:** 77554  
**Email Address:** retchled@tamu.edu  
**Secondary Email:** retchled@tamug.edu  
**Work Phone:** (409)741-7130

## Degrees

**Degree:** Ph.D.  
**Year Conferred:** 2015  
**Discipline:** Geography  
**Granting Institution:** Pennsylvania State University  
**Level of Degree:** Doctoral  
**Highest Degree Earned:** Yes  
**Terminal Degree:** Yes

**Degree:** M.S.  
**Year Conferred:** 2011  
**Discipline:** Geography  
**Granting Institution:** Pennsylvania State University  
**Level of Degree:** Masters  
**Highest Degree Earned:** No  
**Terminal Degree:** No

**Degree:** B.A.  
**Year Conferred:** 2004  
**Discipline:** Liberal Studies  
**Granting Institution:** University of Notre Dame  
**Level of Degree:** Bachelors  
**Highest Degree Earned:** No  
**Terminal Degree:** No

## Current Position

**Position Title:** Associate Professor  
**Start Date:** 2023-09-01

## Texas A&M - Rank and Promotion History

**Effective Date of Rank:** 2023-09-01  
**Faculty Title:** Associate Professor  
**Tenure Classification:** Tenured  
**Department:** Marine and Coastal Environmental Science  
**College:** College of Marine Sciences & Maritime Studies  
**Percent Effort:** 100.00

**Effective Date of Rank:** 2015-09-01  
**End Date of Rank:** August 2023  
**Faculty Title:** Assistant Professor  
**Tenure Classification:** Tenure-Track (not tenured)  
**Department:** Marine and Coastal Environmental Science  
**College:** Texas A&M University at Galveston  
**Percent Effort:** 100.00

# Publications, Conference Proceedings, Patents and Creative Products/Innovations

1. Miglietta, Maria P., Alexandra Frolova, and David P. Retchless. "Habitat Suitability Modeling of Aurelia Jellyfish (Cnidaria, Scyphozoa) in the Gulf of Mexico Suggests Distinct Species' Distributions Based on Tolerance Limits." *Marine Biology*, 2024.
2. Li, Shoujia, Ge Gao, Xinyue Ye, Jiaxin Du, Zhenhang Cai, Galen D. Newman, and David P. Retchless. "3D Visualization of Hurricane Storm Surge Impact on Urban Infrastructure." *Urban Informatics* 3 (2024): 14. doi:<https://doi.org/10.1007/s44212-024-00043-x>.
3. Ye, Xinyue, Chunwu Zhu, Jiaxin Du, Zhiheng Hu, Yang Shen, and David P. Retchless. "Simulating Urban Energy Use Under Climate Change Scenarios and Retrofit Plans in a Coastal Texas Community." *Urban Informatics* 3 (2024): 16.
4. Ye, Xinyue, Galen D. Newman, W Zhai, David P. Retchless, S Das, Youngjib Ham, Lei Zou, X Huang, and Zhe Zhang. "Towards Coastal Infrastructure Resiliency: An AI-Enabled Decision-Support Framework for Multi-Scale Comprehension and Stakeholder Empowerment" *Proceedings of American Philosophical Society*, 2025.
5. Thatcher, Jim, Carolyn Fish, and David P. Retchless. "Dueling Cartographies: Science, Positivism, Art, and Critical Praxis." *International Journal of Cartography*, 2024, 18. doi:<https://doi.org/10.1080/23729333.2024.2338496>.
6. Gao, Ge, Xinyue Ye, Shoujia Li, Xaio Huang, Huan Ning, David P. Retchless, and Zhenlong Li. "Exploring Flood Mitigation Governance by Estimating First-Floor Elevation via Deep Learning and Google Street View in Coastal Texas." *Environment and Planning B: Urban Analytics and City Science*, 2023. doi:<https://doi.org/10.1177/23998083231175681>.
7. Wellbrock, Nicholas, Nathalie Jung, David P. Retchless, Timothy M. Dellapenna, and Victoria L. Salgado. "Introducing ICEDAP: An 'Iterative Coastal Embayment Delineation and Analysis Process' with Applications for the Management of Coastal Change." *Remote Sensing* 15 (2023): 4034. doi:<https://doi.org/10.3390/rs15164034>.
8. Ye, Xinyue, Jiaxin Du, Yu Han, Galen D. Newman, David P. Retchless, Lei Zou, Youngjib Ham, and Zhenhang Cai. "Developing Human-Centered Urban Digital Twins for Community Infrastructure Resilience: A Research Agenda." *Journal of Planning Literature* 38 (2023): 187–99. doi:<https://doi.org/10.1177/08854122221137861>.
9. Cai, Zhenhang, Galen D. Newman, Jaekyung Lee, Xinyue Ye, David P. Retchless, Lei Zou, and Youngjib Ham. "Simulating the Spatial Impacts of a Coastal Barrier in Galveston Island, Texas: A Three-Dimensional Urban Modeling Approach." *Geomatics, Natural Hazards, and Risk* 14 (2023): 2192332.
10. Husain, Alisha, Kristine Jones, Anthony Kolshorn, David Retchless, Kelemua Tesfaye, Courtney M. Thatcher, and Jim Thatcher. "Mapping Mecklenburg County: Exploring Census Data for Potential Communities of Interest," 245--264. Springer International Publishing Cham, 2022.
11. Retchless, David P., and Ashley D. Ross. "Effects of Temporal Framing and Hazard Experience on Receptivity to Hurricane Risk Messages: A Survey of US Gulf Coast Residents." *Frontiers in Communication* 7 (2022): 18. doi:<https://doi.org/10.3389/fcomm.2022.1020935>.
12. Retchless, David, Carolyn Fish, and Jim Thatcher. "Climate Change Communication beyond the Digital Divide: Exploring Cartography's Role and Privilege in Climate Action." *Journal of Environmental Media* 3 (2022): 101--123.
13. Du, Jiaxin, Xinyue Ye, Galen Newman, and David Retchless. "Network Science-Based Urban Forecast Dashboard." In *Proceedings of the 5th ACM SIGSPATIAL International Workshop on Advances in Resilient and Intelligent Cities*, 2022.
14. Ritt, Benjamin, Glenn A. Jones, and David Retchless. "Sand and Social Distancing: A UAS Study of Galveston, TX, Beach Attendance during COVID-19." *Shore & Beach* 89 (2021): 3.
15. Retchless, David, William Mobley, Meri Davlasheridze, Kayode Atoba, Ashley D. Ross, and Wesley Highfield. "Mapping Cross-Scale Economic Impacts of Storm Surge Events: Considerations for Design and User Testing." *Journal of Maps* 17 (2021): 123-135.
16. Thatcher, Jim, David Retchless, Courtney Thatcher, and Kristine Jones. "Putting Mapper on a Map: Cartographic Visualizations of Topological Data Analysis." *Abstracts of the ICA* 3 (2021): 288.
17. Sterne, Travis Keenan, David Retchless, Rebecca Allee, and Wesley Highfield. "Predictive Modelling of Mesophotic Habitats in the North-Western Gulf of Mexico." *Aquatic Conservation: Marine and Freshwater Ecosystems* 30 (2020): 846--859.
18. Retchless, David P. "Determinants of Hurricane Evacuation from a Large Representative Sample of the U.S. Gulf Coast." *International Journal of Environmental Research and Public Health* 16 (2019): 4268--4268. doi:10.3390/ijerph16214268.
19. Retchless, David P. "Understanding Local Sea Level Rise Risk Perceptions and the Power of Maps to Change Them: The Effects of Distance and Doubt." *Environment and Behavior* 50 (2018): 483--511. doi:10.1177/0013916517709043.
20. Retchless, David P. "Bringing the Big Data of Climate Change down to Human Scale: Citizen Sensors and Personalized Visualizations in Climate Communication." In *Thinking Big Data in Geography: New Regimes, New Research*, 197--213, 2018.
21. Retchless, David P. "Domains of Uncertainty Visualization Research: A Visual Summary Approach." *Cartography and Geographic Information Science* 44 (2017): 296--309. doi:10.1080/15230406.2016.1154804.
22. Retchless, David P. "Preparing Geographers for Interdisciplinary Research: Graduate Training at the Interface of the Natural and Social Sciences." *Professional Geographer* 69 (2017): 107--16. doi:10.1080/00330124.2016.1184985.

23. Retchless, David P. "Guidance for Representing Uncertainty on Global Temperature Change Maps." *International Journal of Climatology* 36 (2016): 1143–59. doi:10.1002/joc.4408.

## Grants & Contracts

**Title:** EAGER: SAI-E: Synchronizing Decision-Support via Human- and Social-centered Digital Twin Infrastructures for Coastal Communities

**Sponsor:** Texas A&M University/National Science Foundation

**Grant ID / Contract ID:** 2104998

**Start Date:** 2021-09-01

**End Date:** 2023-08-31

**Period Length:** 2

**Period Unit:** Year

**Indirect Funding:** 1

**Total Funding:** 11316

**Total Direct Funding:** 5488.26

**Currency Type:** USD

**Number of Periods:** 1

**Collaborators:** David P Retchless CoPI with Galen D Newman CoPI, Lei Zou CoPI, Xinyue Ye PI, Youngjib Ham CoPI

**Status:** Completed

**Title:** ReDDDoT Phase 2: Responsible Design and Development of Equitable Intelligent Systems for Multi-Hazard Resilience

**Sponsor:** William Marsh Rice University/National Science Foundation

**Grant ID / Contract ID:** 2405706

**Award Date:** 2024-09-01

**Start Date:** 2024-09-01

**End Date:** 2027-09-01

**Period Length:** 1

**Period Unit:** Year

**Indirect Funding:**

**Total Funding:** 221914

**Currency Type:** USD

**Number of Periods:** 3

**Collaborators:** David P Retchless CoPI

**Status:** Funded - In Progress

**Title:** RESTORE Centers of Excellence: Towards Targeted Risk Mitigation: Community Engaged, Fast Impact Estimation of Extreme Weather using Big Social and Climate Data

**Sponsor:** Texas A&M University - Corpus Christi #760/Texas Commission On Environmental Quality

**Grant ID / Contract ID:** M2401891

**Start Date:** 2024-01-01

**End Date:** 2025-12-31

**Period Length:** 2

**Period Unit:** Year

**Indirect Funding:** 1

**Indirect Cost Rate:** 52.5

**Total Funding:** 532988

**Total Direct Funding:** 253169.3

**Currency Type:** USD

**Number of Periods:** 1

**Collaborators:** David P Retchless (80%) PI with Wesley E Highfield (20%) CoPI

**Status:** Funded - In Progress

**Title:** Texas Natural Hazard Risk Assessment (Enhanced State Hazard Mitigation Plan - Task 2. Statewide Hazard Data Collection and Analysis) (GLO Contract No. 21-125-000-C775)

**Sponsor:** Texas Division of Emergency Management/

**Grant ID / Contract ID:** M2103039

**Start Date:** 2021-06-01

**End Date:** 2023-10-31

**Period Length:** 3

**Period Unit:** Year

**Indirect Funding:** 1

**Total Funding:** 1950017

**Total Direct Funding:** 1209010.54

**Currency Type:** USD

**Number of Periods:** 1

**Collaborators:** David P Retchless (16.65%) CoPI with Ashley D Ross (16.65%) CoPI, Wesley E Highfield (16.65%) CoPI

**Status:** Completed

**Title:** Acquiring Hurricane Dorian MAXAR Imagery for Coastal Resilience Research

**Sponsor:** Texas A&M University at Galveston Texas Comprehensive Research Fund (TCRF)

**Start Date:** 2023-05-15

**End Date:** 2023-08-15

**Period Length:** 3

**Period Unit:** Month

**Indirect Funding:**

**Total Funding:** 9844

**Currency Type:** USD

**Number of Periods:** 1

**Collaborators:** David P Retchless PI

**Status:** Completed

**Title:** Coastal Flood Visualization with Mobile Virtual and Augmented Realities for Risk Communication

**Sponsor:** Texas A&M University T3 program

**Start Date:** 2021-01-01

**End Date:** 2022-12-31

**Period Length:** 2

**Period Unit:** Year

**Indirect Funding:**

**Total Funding:** 32000

**Currency Type:** USD

**Number of Periods:** 1

**Collaborators:** David P Retchless PI with Galen D Newman CoPI, Xinyue Ye CoPI

**Status:** Completed

**Title:** Coastal Flood Spotter: A Human Sensors Based Approach to Enhancing Preparedness for Flooding in the Houston-Galveston Metro Region

**Sponsor:** Texas A&M University at Galveston Texas Comprehensive Research Fund for Pilot Projects (TCRF)

**Start Date:** 2022-02-01

**Period Length:** 7

**Period Unit:** Month

**Indirect Funding:**

**Total Funding:** 16508

**Currency Type:** USD

**Number of Periods:** 1

**Collaborators:** David P Retchless PI with William J Merrell CoPI

**Status:** Completed

**Title:** Texas Disaster Information System (TDIS)

**Sponsor:** Texas General Land Office

**Grant ID / Contract ID:** 2107802

**Start Date:** 2021-10-01

**End Date:** 2024-06-30

**Period Length:** 3

**Period Unit:** Year

**Indirect Funding:** 1

**Total Funding:** 8500000

**Total Direct Funding:** 5270000

**Currency Type:** USD

**Number of Periods:** 1

**Collaborators:** David P Retchless CoPI with Yoonjeong Lee Other, Wesley E Highfield CoPI

**Status:** Funded - In Progress

**Title:** Learning from Hurricane Laura's Near Miss on Houston-Galveston: Evacuation Decision Making in an Environment of Compounding Uncertainties and Political Polarization

**Sponsor:** Natural Hazards Center, University of Colorado

**Grant ID / Contract ID:** 2103769

**Start Date:** 2021-02-01

**End Date:** 2021-12-31

**Period Length:** 11

**Period Unit:** Month

**Indirect Funding:****Total Funding:** 7500**Currency Type:** USD**Number of Periods:** 1**Collaborators:** David P Retchless PI with Ashley D Ross CoPI**Status:** Completed**Title:** TDEM Spatial Flood Analysis Project**Sponsor:** Texas Division of Emergency Management**Grant ID / Contract ID:** M2201106**Start Date:** 2021-07-09**End Date:** 2023-05-22**Period Length:** 3**Period Unit:** Year**Indirect Funding:****Total Funding:** 2368965**Currency Type:** USD**Number of Periods:** 1**Collaborators:** David P Retchless (35%) CoPI with Wesley E Highfield (35%) PI, Samuel D Brody (25%) CoPI, William J Merrell (5%) CoPI**Status:** Funded - In Progress**Title:** Evaluating the Effects of a Coastal Spine: National-Level Economic Ripples and Effects on Flood Insurance**Sponsor:** Texas General Land Office/Department of Housing and Urban Development**Grant ID / Contract ID:** M1703535**Start Date:** 2017-09-01**End Date:** 2019-05-15**Period Length:** 2**Period Unit:** Year**Indirect Funding:** 1**Indirect Cost Rate:** 15**Total Funding:** 1594189**Total Direct Funding:** 1355060.65**Currency Type:** USD**Number of Periods:** 1**Collaborators:** David P Retchless (14%) CoPI with Ashley D Ross-Wootton (14%) CoInvestigator, Meri Davlasheridze (14%) CoPI, Samuel D Brody (15%) CoPI, William J Merrell (15%) CoPI, Wesley E Highfield (14%) PI, Leonard D Waterworth (14%) CoInvestigator**Status:** Completed**Title:** A Survey on Natural Hazard Literacy**Sponsor:** Texas A&M University at Galveston Texas Comprehensive Research Fund (TCRF)**Start Date:** 2017-05-01**End Date:** 2017-08-31**Period Length:** 4**Period Unit:** Month**Indirect Funding:****Total Funding:** 8000**Currency Type:** USD**Number of Periods:** 1**Collaborators:** David P Retchless CoPI with Ashley D Ross PI**Status:** Completed**Title:** Acquisition of high-resolution bathymetric and topographic surveying technology (HydroLite-DFX) for teaching and research**Sponsor:** Texas A&M University at Galveston Texas Comprehensive Research Fund (TCRF)**Start Date:** 2017-05-01**End Date:** 2017-08-31**Period Length:** 4**Period Unit:** Month**Indirect Funding:****Total Funding:** 15450**Currency Type:** USD**Number of Periods:** 1**Collaborators:** David P Retchless CoPI with Wesley E Highfield CoPI, Peter J Van Hengstum PI**Status:** Completed

## Teaching (Custom Section)

**Start Term:** 2023/02  
**Course Title:** INTRO TO GIS  
**Course:** MARS 325 401  
**Credit Hours:** 3  
**Lab Hours:** 2  
**Instruction Mode:** TR  
**Lecture Hours:** 2  
**Student Credit Hours:** 48  
**Enrollment:** 16

**Start Term:** 2023/02  
**Course Title:** ADV GIS FOR COASTAL SYSTEMS  
**Course:** MARS 626 600  
**Credit Hours:** 3  
**Lab Hours:** 2  
**Instruction Mode:** TR  
**Lecture Hours:** 2  
**Student Credit Hours:** 24  
**Enrollment:** 8

**Start Term:** 2023/02  
**Course Title:** RESEARCH  
**Course:** MARS 691 605  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Student Credit Hours:** 30  
**Enrollment:** 4

**Start Term:** 2023/01  
**Course Title:** RESEARCH  
**Course:** MARS 491 411  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Student Credit Hours:** 3  
**Enrollment:** 1

**Start Term:** 2023/01  
**Course Title:** DIRECTED STUDIES  
**Course:** MARS 685 604  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Student Credit Hours:** 7  
**Enrollment:** 2

**Start Term:** 2023/01  
**Course Title:** RESEARCH  
**Course:** MARS 691 609  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Student Credit Hours:** 27  
**Enrollment:** 4

**Start Term:** 2022/03  
**Course Title:** RESEARCH  
**Course:** MARS 691 305  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Student Credit Hours:** 21  
**Enrollment:** 3

**Start Term:** 2022/02  
**Course Title:** INTRO TO GIS  
**Course:** MARS 325 401  
**Credit Hours:** 3  
**Lab Hours:** 2

**Instruction Mode:** TR  
**Lecture Hours:** 2  
**Student Credit Hours:** 24  
**Enrollment:** 8

**Start Term:** 2022/02  
**Course Title:** RESEARCH  
**Course:** MARS 491 402  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Student Credit Hours:** 2  
**Enrollment:** 1

**Start Term:** 2022/02  
**Course Title:** GIS MODELING COASTAL RES  
**Course:** MARS 625 601  
**Credit Hours:** 3  
**Lab Hours:** 2  
**Instruction Mode:** TR  
**Lecture Hours:** 2  
**Student Credit Hours:** 33  
**Enrollment:** 11

**Start Term:** 2022/02  
**Course Title:** ADV GIS FOR COASTAL SYSTEMS  
**Course:** MARS 626 600  
**Credit Hours:** 3  
**Lab Hours:** 2  
**Instruction Mode:** TR  
**Lecture Hours:** 2  
**Student Credit Hours:** 30  
**Enrollment:** 10

**If co-taught, % contributed to course:** 5%  
**Descriptive (if applicable):** Course led by Tatiana Williford (Lecturer)

**Start Term:** 2022/02  
**Course Title:** DIRECTED STUDIES  
**Course:** MARS 685 600  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Student Credit Hours:** 5  
**Enrollment:** 2

**Start Term:** 2022/02  
**Course Title:** RESEARCH  
**Course:** MARS 691 608  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Student Credit Hours:** 18  
**Enrollment:** 3

**Start Term:** 2022/02  
**Course Title:** PROFESSIONAL STUDY FOR MARM  
**Course:** MARS 693 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Lecture Hours:** 3  
**Student Credit Hours:** 2  
**Enrollment:** 1

**Start Term:** 2022/02  
**Course Title:** PROFESSIONAL STUDY FOR MARM  
**Course:** MARS 693 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Lecture Hours:** 3  
**Student Credit Hours:** 2  
**Enrollment:** 1

**Start Term:** 2022/01  
**Course Title:** GIS MODELLING  
**Course:** GEOG 665 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 12

**Start Term:** 2022/01  
**Course Title:** MARINE GEOGRAPHY  
**Course:** MARS 210 401  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 26

**Start Term:** 2022/01  
**Course Title:** RESEARCH  
**Course:** MARS 491 411  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2022/01  
**Course Title:** DIRECTED STUDIES  
**Course:** MARS 685 604  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2022/01  
**Course Title:** RESEARCH  
**Course:** MARS 691 609  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 2

**Start Term:** 2022/01  
**Course Title:** PROFESSIONAL STUDY FOR MARM  
**Course:** MARS 693 604  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 1

**Start Term:** 2021/03  
**Course Title:** RESEARCH  
**Course:** MARS 491 304  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2021/03  
**Course Title:** RESEARCH  
**Course:** MARS 691 305  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 3

**Start Term:** 2021/02  
**Course Title:** INTRO TO GIS  
**Course:** MARS 325 401  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 12

**Start Term:** 2021/02  
**Course Title:** GIS MODELING COASTAL RES  
**Course:** MARS 625 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 14

**Start Term:** 2021/02  
**Course Title:** RESEARCH  
**Course:** MARS 691 605  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 2

**Start Term:** 2021/01  
**Course Title:** GIS MODELLING  
**Course:** GEOG 665 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 6

**Start Term:** 2021/01  
**Course Title:** RESEARCH  
**Course:** MARS 691 609  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 2

**Start Term:** 2020/03  
**Course Title:** DIRECTED STUDIES  
**Course:** MARS 685 303  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2020/03  
**Course Title:** RESEARCH  
**Course:** MARS 691 309  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 3

**Start Term:** 2020/02  
**Course Title:** INTRO TO GIS  
**Course:** MARS 325 402  
**Credit Hours:** 3  
**Instruction Mode:** REM  
**Enrollment:** 28

**Start Term:** 2020/02  
**Course Title:** RESEARCH  
**Course:** MARS 491 416  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 3

**Start Term:** 2020/01  
**Course Title:** GIS MODELLING  
**Course:** GEOG 665 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 10

**Start Term:** 2020/01  
**Course Title:** RESEARCH  
**Course:** MARS 491 408  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 2

**Start Term:** 2020/01  
**Course Title:** DIRECTED STUDIES  
**Course:** MARS 685 602  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2020/01  
**Course Title:** RESEARCH  
**Course:** MARS 691 601  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2019/03  
**Course Title:** RESEARCH  
**Course:** MARS 691 301  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2019/02  
**Course Title:** INTRO TO GIS  
**Course:** MARS 325 402  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 19

**Start Term:** 2019/02  
**Course Title:** RESEARCH  
**Course:** MARS 491 403  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2019/02  
**Course Title:** GIS MODELING COASTAL RES  
**Course:** MARS 625 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 7

**Start Term:** 2019/01  
**Course Title:** GIS MODELLING  
**Course:** GEOG 665 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 10

**Start Term:** 2019/01  
**Course Title:** RESEARCH  
**Course:** MARS 491 408  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2018/02  
**Course Title:** RESEARCH  
**Course:** MARS 491 405  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2018/02  
**Course Title:** GIS MODELING COASTAL RES  
**Course:** MARS 625 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 10

**Start Term:** 2018/01  
**Course Title:** GIS MODELLING  
**Course:** GEOG 665 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 7

**Start Term:** 2018/01  
**Course Title:** INTRO TO GIS  
**Course:** MARS 325 401  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 19

**Start Term:** 2018/01  
**Course Title:** RESEARCH  
**Course:** MARS 491 403  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 2

**Start Term:** 2018/01  
**Course Title:** PROFESSIONAL STUDY FOR MARM  
**Course:** MARS 693 602  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 1

**Start Term:** 2017/03  
**Course Title:** RESEARCH  
**Course:** MARS 691 253  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2017/02  
**Course Title:** RESEARCH  
**Course:** MARS 491 405  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 4

**Start Term:** 2017/02  
**Course Title:** GIS MODELING COASTAL RES  
**Course:** MARS 625 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 9

**Start Term:** 2017/02  
**Course Title:** RESEARCH  
**Course:** MARS 691 603  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 2

**Start Term:** 2017/01  
**Course Title:** GIS MODELLING  
**Course:** GEOG 665 601  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 9

**Start Term:** 2017/01  
**Course Title:** INTRO TO GIS  
**Course:** MARS 325 401  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 17

**Start Term:** 2017/01  
**Course Title:** SEMINAR IN MAR SCIENCE  
**Course:** MARS 481 401  
**Credit Hours:** 1  
**Instruction Mode:** TR  
**Enrollment:** 12

**Start Term:** 2017/01  
**Course Title:** RESEARCH  
**Course:** MARS 491 402  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 4

**Start Term:** 2017/01  
**Course Title:** RESEARCH  
**Course:** MARS 691 603  
**Credit Hours:** 12  
**Instruction Mode:** TR  
**Enrollment:** 2

**Start Term:** 2016/03  
**Course Title:** DIRECTED STUDIES  
**Course:** MARS 685 251  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2016/03  
**Course Title:** RESEARCH  
**Course:** MARS 691 253  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2016/02  
**Course Title:** MARINE GEOGRAPHY  
**Course:** MARS 210 401  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 30

**Start Term:** 2016/02  
**Course Title:** RESEARCH  
**Course:** MARS 491 411  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2016/02  
**Course Title:** RESEARCH  
**Course:** MARS 691 603  
**Credit Hours:** 12  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2016/01  
**Course Title:** MARINE GEOGRAPHY  
**Course:** MARS 210 401  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 56

**Start Term:** 2016/01  
**Course Title:** INTRO TO GIS  
**Course:** MARS 325 401  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 17

**Start Term:** 2016/01  
**Course Title:** RESEARCH  
**Course:** MARS 491 406  
**Credit Hours:** 4  
**Instruction Mode:** NT  
**Enrollment:** 1

**Start Term:** 2016/01  
**Course Title:** RESEARCH  
**Course:** MARS 691 603  
**Credit Hours:** 12  
**Instruction Mode:** TR  
**Enrollment:** 1

**Start Term:** 2015/02  
**Course Title:** MARINE GEOGRAPHY  
**Course:** MARS 210 401  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 25

**Start Term:** 2015/01  
**Course Title:** INTRO TO GIS  
**Course:** MARS 325 401  
**Credit Hours:** 3  
**Instruction Mode:** TR  
**Enrollment:** 18

## Additional Teaching Activities

**Start Term:** 2023/01  
**Title:** GIS for Resilience  
**Audience:** High school students  
**Location Instruction Delivered:** University of Houston-Clear Lake  
**Sponsoring Organization:** Houston Area GIS Day  
**Sponsoring Organization Location:** Houston, Texas  
**Number of Participants:** 300  
**Description:** Invited Speaker, Houston Area GIS Day Keynote Address  
**Start Date:** 2023-11-16  
**End Date:** 2023-11-16

**Start Term:** 2020/02  
**Title:** Summer Undergraduate Mentor for External NSF REU  
**Audience:** Undergraduate REU students  
**Location Instruction Delivered:** Tacoma, WA  
**Sponsoring Organization:** NSF via University of Washington Tacoma  
**Sponsoring Organization Location:** Tacoma, WA  
**Description:** Guided students in data analysis and visualization related to application of clustering algorithm to US Census data for identifying communities of interest to inform redistricting analysis (2020). Led team of five students in data analysis and visualization related to an inductive approach to identifying gerrymandered districts, both in person and remotely (2021). National Science Foundation REU: "Spatial Models and Electoral Districting" (Award Number: 1851696). PI Jim Thatcher (University of Washington), Co-PI Courtney Thatcher (University of Puget Sound).  
**Start Date:** 2020-06-01  
**End Date:** 2021-08-31

**Start Term:** 2020/01  
**Title:** Developing and User-Testing Augmented Reality Tools for Storm Surge Risk  
**Audience:** Center for Texas Beaches and Shores Students & Affiliates  
**Location Instruction Delivered:** Online  
**Sponsoring Organization:** Center for Texas Beaches and Shores  
**Sponsoring Organization Location:** Galveston, TX  
**Description:** Invited Speaker, Center for Texas Beaches and Shores Virtual Coffee Hour  
**Start Date:** 2020-10-22  
**End Date:** 2020-10-22

**Start Term:** 2018/02  
**Title:** Developing and User Testing Tools for Communicating Storm Surge Risk  
**Audience:** Institute for Sustainable Communities affiliates  
**Location Instruction Delivered:** College Station, TX  
**Sponsoring Organization:** Institute for Sustainable Communities  
**Sponsoring Organization Location:** College Station, TX  
**Description:** Invited Lecturer, Institute for Sustainable Communities Speaker Series Luncheon  
**Start Date:** 2019-04-23

**End Date:** 2019-04-23

**Start Term:** 2017/02

**Title:** Communicating Coastal Hazards with Maps and Apps

**Audience:** Graduate students

**Location Instruction Delivered:** Galveston, TX

**Sponsoring Organization:** Texas A&M University at Galveston

**Sponsoring Organization Location:** Galveston, TX

**Description:** Guest Lecturer, Spring 2018 MARB/MARS 681 Graduate Seminar

**Start Date:** 2018-04-26

**End Date:** 2018-04-26

**Start Term:** 2017/01

**Title:** GIS-Based Spatial Analysis and Modeling (GEOG 665)

**Audience:** graduate students

**Location Instruction Delivered:** Galveston, Texas

**Sponsoring Organization:** Texas A&M University at Galveston

**Sponsoring Organization Location:** Galveston, Texas

**Description:** Adapt syllabus from Geography Department course for Galveston campus.

**Start Date:** 2017-08-01

**End Date:** 2017-12-15

**Start Term:** 2016/01

**Title:** Cartography in Climate Change Communication: How design, audience, and scale affect public understanding and engagement

**Audience:** Texas A&M University Geography Department

**Location Instruction Delivered:** College Station, TX

**Sponsoring Organization:** Department of Geography, Texas A&M University

**Sponsoring Organization Location:** College Station, TX

**Description:** Invited Lecturer, Department of Geography Friday Seminar Series, Texas A&M University

**Start Term:** 2015/02

**Title:** Basics of cartography and map design

**Audience:** UT Health Science Center Houston students

**Location Instruction Delivered:** Houston, TX

**Sponsoring Organization:** UT Health Science Center

**Sponsoring Organization Location:** Houston, TX

**Description:** Guest Lecturer, Introduction to GIS

**Start Date:** 2016-02-02

**End Date:** 2016-02-02

## Service

**Start Term:** 2023/03

**Committee Name/Activity:** Search Committee for APT Geographer Position

**Organization:** Marine & Coastal Environmental Science, TAMUG

**Service Type:** Department

**Service Role:** Committee Chair

**Regionality:** Local

**Start Term:** 2023/01

**Committee Name/Activity:** Program Coordinator, Coastal Environmental Science and Society

**Organization:** Marine & Coastal Environmental Science, TAMUG

**Service Type:** Department

**Service Role:** Professional Leadership Role

**Regionality:** Local

**Start Term:** 2022/02

**Committee Name/Activity:** Lead for Trimble Technology Sattelite Lab Application

**Organization:** Texas A&M University at Galveston

**Service Type:** College

**Service Role:** Professional Leadership Role

**Regionality:** Local

**Brief Description/Impact (if applicable):** Prepare written application, meet with Trimble representatives (virtually and at conferences)

**Start Term:** 2022/01

**Committee Name/Activity:** Member, Design and Analytics Lab for Urban Artificial Intelligence

**Organization:** Texas A&M Institute of Data Science

**Service Type:** University

**Service Role:** Lab Member

**Regionality:** Local

**Start Term:** 2021/02

**Committee Name/Activity:** Member

**Organization:** Texas OneGulf Network of Experts (TONE)

**Service Type:** Professional

**Service Role:** Board Member

**Regionality:** Regional

**Start Term:** 2021/01

**Committee Name/Activity:** TAMUG Honor Council

**Organization:** Texas A&M University at Galveston

**Service Type:** College

**Service Role:** Committee Member

**Regionality:** Local

**Start Term:** 2021/01

**Committee Name/Activity:** Project Lead, VIVID Lab for Visceral Inter-sensory Visualization & Information Design

**Organization:** Texas A&M Institute of Data Science

**Service Type:** University

**Service Role:** Project Lead

**Regionality:** Local

**Brief Description/Impact (if applicable):** Project: Tailored Risk Communication in Virtual and Augmented Reality

**Start Term:** 2020/02

**Committee Name/Activity:** Diversity and Inclusion Committee Chair, Cartography Specialty Group

**Organization:** American Association of Geographers

**Service Type:** Professional Leadership

**Service Role:** Professional Leadership Role

**Regionality:** National

**Start Term:** 2019/03

**Committee Name/Activity:** Associate Member, Marine Biology Graduate Program (formerly IDP)

**Organization:** Department of Marine Biology, Texas A&M University at Galveston

**Service Type:** Department

**Service Role:** Graduate Faculty Membership

**Regionality:** Local

**Start Term:** 2018/03

**Committee Name/Activity:** Faculty Fellow

**Organization:** Institute for Disaster Resilient Texas (IDRT)

**Service Type:** University

**Service Role:** Faculty Fellow

**Regionality:** Local

**Start Term:** 2018/02

**Committee Name/Activity:** Discovery Lead, Coastal Risk Reduction and Resilience Discovery Area

**Organization:** Institute for Sustainable Communities

**Service Type:** University

**Service Role:** Discovery Lead

**Regionality:** Local

**Start Term:** 2016/02

**Committee Name/Activity:** Member, Art Subcommittee of the Council for Built Environment

**Organization:** Texas A&M University at Galveston

**Service Type:** College

**Service Role:** Committee Member

**Regionality:** Local

**Start Term:** 2016/01

**Committee Name/Activity:** Graduate Faculty, Master of Marine Resources Management & Doctor of Philosophy in Marine and Coastal Management and Science

**Organization:** Marine & Coastal Environmental Science Department, Texas A&M University at Galveston

**Service Type:** Department

**Service Role:** Graduate Faculty Membership

**Regionality:** Local

**Start Term:** 2015/01

**Committee Name/Activity:** Member, Marine Resources Management Core Committee

**Organization:** Marine & Coastal Environmental Science Department

**Service Type:** Department

**Service Role:** Committee Member

**Regionality:** Local

**Start Term:** 2022/02

**End Term:** 2022/02

**Committee Name/Activity:** Session Chair & Organizer

**Organization:** American Association of Geographers

**Service Type:** Professional

**Service Role:** Session Chair

**Regionality:** National

**Brief Description/Impact (if applicable):** Chair and Organizer for two sessions, paper and panel: "Speculative Cartography at the Interplay of Art and Science"

**Start Term:** 2022/02

**End Term:** 2022/02

**Committee Name/Activity:** Session Organizer

**Organization:** American Association of Geographers

**Service Type:** Professional

**Service Role:** Organizer

**Regionality:** National

**Brief Description/Impact (if applicable):** Organizer for "Redistricting: what just happened? what happens next?" paper session

**Start Term:** 2022/01

**End Term:** 2022/01

**Committee Name/Activity:** Peer Reviewer

**Organization:** 5th ACM SIGSPATIAL International Workshop on Advances in Resilient and Intelligent Cities

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2022/01

**End Term:** 2022/01

**Committee Name/Activity:** Program committee member

**Organization:** 5th ACM SIGSPATIAL International Workshop on Advances in Resilient and Intelligent Cities (ARIC 2022)

**Service Type:** Professional

**Service Role:** Committee Member

**Regionality:** International

**Brief Description/Impact (if applicable):** Seattle, WA, United States, November 1st, 2022, <https://urbands.github.io/ARIC2022/>

**Start Term:** 2021/02

**End Term:** 2021/02

**Committee Name/Activity:** Session Organizer

**Organization:** American Association of Geographers

**Service Type:** Professional

**Service Role:** Organizer

**Regionality:** National

**Brief Description/Impact (if applicable):** Organizer for "Mapping Climate Change in 2022" paper session

**Start Term:** 2020/02

**End Term:** 2021/02

**Committee Name/Activity:** Past Chair, Cartography Specialty Group

**Organization:** American Association of Geographers

**Service Type:** Professional Leadership

**Service Role:** Professional Leadership Role

**Regionality:** National

**Start Term:** 2018/02

**End Term:** 2021/01

**Committee Name/Activity:** Member, MCES/MARS Scholarship and Awards Committee

**Organization:** Marine & Coastal Environmental Science Department

**Service Type:** Department

**Service Role:** Committee Member

**Regionality:** Local

**Start Term:** 2020/03

**End Term:** 2020/03

**Committee Name/Activity:** Peer Reviewer

**Organization:** New York Sea Grant

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** National

**Start Term:** 2020/02

**End Term:** 2020/02

**Committee Name/Activity:** Session Organizer

**Organization:** American Association of Geographers

**Service Type:** Professional

**Service Role:** Organizer

**Regionality:** National

**Brief Description/Impact (if applicable):** Organizer for "Mapping Climate Change" paper session

**Start Term:** 2020/02

**End Term:** 2020/02

**Committee Name/Activity:** Panel Session Organizer

**Organization:** American Association of Geographers

**Service Type:** Professional

**Service Role:** Organizer

**Regionality:** National

**Brief Description/Impact (if applicable):** Organizer for "Election Mapping" panel session

**Start Term:** 2020/01

**End Term:** 2020/02

**Committee Name/Activity:** Member, MCES Geological Marine Science Visiting Instructional Faculty Search Committee

**Organization:** Marine & Coastal Environmental Science Department

**Service Type:** Department

**Service Role:** Committee Member

**Regionality:** Local

**Start Term:** 2019/02

**End Term:** 2020/02

**Committee Name/Activity:** Chair, Cartography Specialty Group

**Organization:** American Association of Geographers

**Service Type:** Professional Leadership

**Service Role:** Professional Leadership Role

**Regionality:** National

**Start Term:** 2020/01

**End Term:** 2020/01

**Committee Name/Activity:** Presenter, TAMUG GIS Day

**Organization:** Texas A&M University at Galveston

**Service Type:** College

**Service Role:** Presenter

**Regionality:** Local

**Brief Description/Impact (if applicable):** Workshop | Google Earth Engine

**Start Term:** 2019/03

**End Term:** 2019/03

**Committee Name/Activity:** Peer Reviewer

**Organization:** GeoJournal

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2019/03

**End Term:** 2019/03

**Committee Name/Activity:** Peer Reviewer

**Organization:** Weather, Climate, and Society

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2019/03

**End Term:** 2019/03

**Committee Name/Activity:** Peer Reviewer

**Organization:** Frontiers in Computer Science

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2019/02

**End Term:** 2019/02

**Committee Name/Activity:** Peer Reviewer

**Organization:** Journal of Environmental Studies and Sciences

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2019/02

**End Term:** 2019/02

**Committee Name/Activity:** Peer Reviewer

**Organization:** Cartography and Geographic Information Science

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2019/02

**End Term:** 2019/02

**Committee Name/Activity:** Peer Reviewer

**Organization:** Environmental Research Letters

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2019/02

**End Term:** 2019/02

**Committee Name/Activity:** Peer Reviewer

**Organization:** ISPRS International Journal of Geo-Information

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2019/02

**End Term:** 2019/02

**Committee Name/Activity:** Chair and Organizer for virtual paper session

**Organization:** American Association of Geographers Annual Meeting

**Service Type:** Professional

**Service Role:** Session Chair

**Regionality:** National

**Brief Description/Impact (if applicable):** Organizer and Chair for "Producing the Hazardscape: Mapping the Dynamic and Dangerous" paper session

**Start Term:** 2018/02

**End Term:** 2019/02

**Committee Name/Activity:** Vice Chair, Cartography Specialty Group

**Organization:** American Association of Geographers

**Service Type:** Professional Leadership

**Service Role:** Professional Leadership Role

**Regionality:** National

**Start Term:** 2019/01

**End Term:** 2019/01

**Committee Name/Activity:** Peer Reviewer

**Organization:** Standard Grant for NSF Science, Technology, and Society (STS) Program

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** National

**Start Term:** 2018/03

**End Term:** 2018/03

**Committee Name/Activity:** Peer Reviewer

**Organization:** Climatic Change

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2015/01

**End Term:** 2018/03

**Committee Name/Activity:** Faculty Fellow

**Organization:** Center for Texas Beaches and Shores

**Service Type:** University

**Service Role:** Faculty Fellow

**Regionality:** Local

**Start Term:** 2018/02

**End Term:** 2018/02

**Committee Name/Activity:** Peer Reviewer

**Organization:** Environmental Modeling and Software

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2018/02

**End Term:** 2018/02

**Committee Name/Activity:** Session Organizer

**Organization:** American Association of Geographers Annual Meeting

**Service Type:** Professional

**Service Role:** Organizer

**Regionality:** National

**Brief Description/Impact (if applicable):** Organizer for "Immersive II: Immersive Technologies for Natural Hazards and Climate Change Communication" paper session

**Start Term:** 2017/02

**End Term:** 2018/02

**Committee Name/Activity:** Judge, Undergraduate TAMUG Student Research Symposium

**Organization:** Texas A&M University at Galveston

**Service Type:** College

**Service Role:** Reviewer

**Regionality:** Local

**Start Term:** 2016/01

**End Term:** 2018/02

**Committee Name/Activity:** Member, Remote Sensing Search Committee

**Organization:** Marine & Coastal Environmental Science Department

**Service Type:** Department

**Service Role:** Committee Member

**Regionality:** Local

**Start Term:** 2018/01

**End Term:** 2018/01

**Committee Name/Activity:** Peer Reviewer

**Organization:** Climate Risk Management

**Service Type:** Review Panel

**Service Role:** Reviewer

**Start Term:** 2018/01

**End Term:** 2018/01

**Committee Name/Activity:** Presenter, TAMU GIS Day

**Organization:** Geography Department (Texas A&M)

**Service Type:** Department

**Service Role:** Presenter

**Regionality:** Local

**Start Term:** 2017/02

**End Term:** 2018/01

**Committee Name/Activity:** Lead, Recertification of MARS 210 for Core Curriculum and International and Cultural Diversity (ICD) credit

**Organization:** Marine & Coastal Environmental Science Department

**Service Type:** Department

**Service Role:** Course Recertification

**Regionality:** Local

**Start Term:** 2017/01

**End Term:** 2018/01

**Committee Name/Activity:** Member, GIS Day Planning Committee

**Organization:** Geography Department (Texas A&M)

**Service Type:** Department

**Service Role:** Committee Member

**Regionality:** Local

**Start Term:** 2017/02

**End Term:** 2017/02

**Committee Name/Activity:** Session Chair

**Organization:** American Association of Geographers

**Service Type:** Professional

**Service Role:** Session Chair

**Regionality:** National

**Brief Description/Impact (if applicable):** Chair for "Mapping Climate Change II: Visualizing the Geographies of a Changing Climate" paper session

**Start Term:** 2017/01

**End Term:** 2017/02

**Committee Name/Activity:** Peer Reviewer

**Organization:** Cartography and Geographic Information Science

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2016/02

**End Term:** 2017/02

**Committee Name/Activity:** Co-Lead, ad-hoc committee for review of OCRE curriculum

**Organization:** Marine & Coastal Environmental Science Department

**Service Type:** Department

**Service Role:** Committee Co-Chair

**Regionality:** Local

**Start Term:** 2016/01

**End Term:** 2017/02

**Committee Name/Activity:** Member, GIS Librarian Search Committee

**Organization:** Marine & Coastal Environmental Science Department

**Service Type:** Department

**Service Role:** Committee Member

**Regionality:** Local

**Start Term:** 2017/01

**End Term:** 2017/01

**Committee Name/Activity:** Peer Reviewer

**Organization:** Progress in Physical Geography

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2016/03

**End Term:** 2017/01

**Committee Name/Activity:** Peer Reviewer

**Organization:** Environment and Behavior

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2015/01

**End Term:** 2017/01

**Committee Name/Activity:** Exhibitor, TAMU GIS Day

**Organization:** Geography Department (Texas A&M)

**Service Type:** Department

**Service Role:** Presenter

**Regionality:** Local

**Start Term:** 2016/02

**End Term:** 2016/02

**Committee Name/Activity:** Peer Reviewer

**Organization:** Nova Science Publishers

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2015/01

**End Term:** 2016/02

**Committee Name/Activity:** Member, Academic Program Review Committee for Ocean and Coastal Resources

**Organization:** Marine & Coastal Environmental Science Department

**Service Type:** Department

**Service Role:** Committee Member

**Regionality:** Local

**Start Term:** 2015/02

**End Term:** 2015/02

**Committee Name/Activity:** Peer Reviewer

**Organization:** Weather, Climate, and Society

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2015/02

**End Term:** 2015/02

**Committee Name/Activity:** Peer Reviewer

**Organization:** Climatic Change

**Service Type:** Review Panel

**Service Role:** Reviewer

**Regionality:** International

**Start Term:** 2015/02

**End Term:** 2015/02

**Committee Name/Activity:** Session Organizer

**Organization:** American Association of Geographers

**Service Type:** Professional

**Service Role:** Organizer

**Regionality:** National

**Brief Description/Impact (if applicable):** Organizer for "Interdisciplinarity in Graduate Training in New Institutional Landscapes" paper session

## Professional Affiliations and Memberships

**Start Term:** 2014/01

**Organization Name:** North American Cartographic Information Society (NACIS)

**Membership Status:** Member

**Start Term:** 2010/02

**Organization Name:** American Association of Geographers (AAG)

**Membership Status:** Member