TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Kimberly M. Meitzen Title: Program Faculty

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	2011	Univ of South Carolina Columbia	Geography	
MS	2006	Univ of South Carolina Columbia	Geography	
BA	2003	University of Texas at Austin	Geography	

C. University Experience

Position	*University*	*Comments*	*Dates*
Associate Professor, Geography and Environmental Studies	Texas State University. San Marcos, TX		September 2019 - Present
Assistant Professor, Geography	Texas State University		September 2013 - May 2019
Post-Doctoral Research Associate Environmental Flows Fellow for The Nature Conservancy North Carolina Chapter	Duke University		January 2012 - July 2013
Research Assistant South Carolina Applied Landscape Ecology Lab	University of South Carolina		September 2010 - December 2011
Instructor:Intro. Physical Geography	University of South Carolina		January 2010 - December 2011
Instructor: Intro. Physical Geography	University of South Carolina		September 2009 - December 2009
Instructor: Intro. Physical Geography	University of South Carolina		January 2009 - May 2009
Instructor: Intro. Physical Geography	University of South Carolina		September 2008 - December 2008
Research Assistant, River Research Group	University of South Carolina		September 2007 - August 2008
Lab Instructor, Landforms GEOG 201	University of South Carolina		September 2006 - December 2006
Research Assistant, River Research Group	University of South Carolina		May 2005 - May 2006

Position	*University*	*Comments*	*Dates*
Research Assistant, Climate Research Lab	University of South Carolina		September 2004 - May 2005
Research Assistant, Applied Geomorphology Lab	University of Texas at Austin		May 2002 - May 2004

D. Relevant Professional Experience

Position	*Entity*	*Comments*	*Dates*
Expert Witness	American Rivers, Inc., Coastal Conservation League, and Southern Environmental Law Center		December 2009 - December 2010
Geologic Technician	South Carolina Geological Survey		May 2006 - December 2010
Ecological Consultant	Earth and Ocean Sciences, sUniversity of South Carolina		June 2006 - November 2007
Research Assistant	South Carolina Applied Landscape Ecology Lab		January 2007 - September 2007
GIS Technician	Army National Guard, McCrady Training Center, SC		January 2005 - May 2005

II. TEACHING

A. Teaching Honors and Awards:

Award / Honor Recipient: Teaching Award of Honor, Texas State University Alumni Association.
2020

Award / Honor Recipient: 2019 Favorite Professor Award of The Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society - Undergraduate Inductees.
2019

Award / Honor Recipient: 2014 Favorite Professor Award of The Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society - Graduate Inductees.
2014

B. Courses Taught:

Texas State University:

GEO 3425 - GEOMORPHOLOGY

GEO 4190 - INDEPENDENT STUDY

GEO 4306 - GEO OF SOUTHWEST

GEO 4313 - ENVIRONMENTAL MANAGEMENT

GEO 4314 - RIVER BASIN MANAGEMENT

GEO 4314 - RIVER BASIN MGT

GEO 4316 - LANDSCAPE BIOGEOGRAPHY

GEO 4316 - LANDSCP BIOGEOGPH

GEO 4325 - FLUVIAL PROCESSES

GEO 5190 - INDEPENDENT STUDY

GEO 5199B - THESIS

GEO 5308 - REGIONAL FLD STUDY

GEO 5316 - APPLD PHYSCL GEO

GEO 5334 - APPL WATER RES

GEO 5335 - DIR RESEARCH

GEO 5335 - DIRECTED RESEARCH

GEO 5390 - INDEPENDENT STUDY

GEO 5395 - PROB APPLIED GEO

GEO 5399A - THESIS

GEO 5399B - THESIS

GEO 7190 - INDEPENDENT STUDY

GEO 7199A - DISSERTATION

GEO 7199C - DISSERTATION

GEO 7299A - DISSERTATION

GEO 7308 - ADV REGION FLD STD

GEO 7370 - ADV SMNR ENVR GEO

GEO 7390 - INDEPENDENT STUDY

GEO 7393N - RIVERS & SOCIETY

GEO 7699A - DISSERTATION

GEO 7699C - DISSERTATION

GEO 7999A - DISSERTATION

GEO 7999A - DISSERTN GEO EN GE

GEO 7999C - DISSERTATION

GEOL 1420 - HISTORICAL GEOLOGY

GEOL 4121 - DIRECTED STUDY

University of South Carolina at Columbia:

GEOG 104 - Introductory Physical Geography

GEOG 201 - Lab sessions for Landforms

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

Supervisor / Chair, Applied Research Project, "Water Conservation Planning and Implementation in Comal County", Status: In Progress. (2024 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Cassidy Ford, Graduate, MAG.

Supervisor / Chair, Applied Research Project, "Nueces River Evaluation of Longitudinal Hydrologic Connectivity from Runoff Events", Status: In Progress. (2024 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Donald Karr, Graduate, MAG.

Supervisor / Chair, Dissertation, "Stream Barriers and Aquatic Organism Passage Connectivity Improvements", Status: In Progress. (2024 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Collin Garoutte, Doctoral, PhD-Geography.

Member, Dissertation, "Ecosystem Functioning across Environmental Gradients in Watersheds", Status: In Progress. (2024 - Present). Biology, Texas State University.
Student(s): Hannah Mattes, Doctoral, PhD-Biology, Aquatic Sciences.

Member, Dissertation, "New Mexico Paleo-Soil Environmental Reconstruction", Status: In Progress. (2024 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Marie White, Doctoral, PhD-Geography.

Member, Master's Thesis, "San Marcos River Floodplain Soil History", Status: In Progress. (2024 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Amanda Barney, Graduate, MS.

Supervisor / Chair, Master's Thesis, "Guadalupe River Drought and Species Impacts", Status: In Progress. (2024 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Gabrielle Goolsby, Graduate, MS.

Supervisor / Chair, Master's Thesis, "Texas State Water Conservation Opportunities", Status: In Progress. (2024 - Present). Geography and Environmental Studies, Texas State Univesity.
Student(s): Noah Powell, Graduate, MS.

Member, Dissertation, "Climate Change and Water Resource Planning in Texas: Policy, Decisionmakers, and Knowledge", Status: In Progress. (2023 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Andrew Adams, Doctoral, PhD-Geography.

Supervisor / Chair, Dissertation, "Brazos River Geomorphic River Channel Change Mapping from Field Surveys and Structure-from-Motion", Status: In Progress. (2022 - Present). Geography, Texas State University.
Student(s): Tighearnan Juarez Murphy, Doctoral, PhD-Geography.

Member, Master's Thesis, "Drought and Recreation Impacts on San Marcos River Aquatic Vegetation", Status: In Progress. (2022 - Present). Biology, Texas State University.
Student(s): Christopher Riggins, Graduate, MS.

Supervisor / Chair, Master's Thesis, "Evaluation of Coastal Geomorphology and Best Management Practices Texas Gulf Coast", Status: In Progress. (2017 - Present). Geography, Texas State University.
Student(s): Sebastian Weinand, Graduate, MAG.

Member, Master's Thesis, "Item Assessing Lidar-Based Forest Structure Change of Ground Beetle Habitat Association within the Rocky Mountain National Park Neon Site", Status: Completed. (May 2024). Geography and Environmental Studies, Texas State University.
Student(s): Garrett Pugh, Graduate, MS Geography and Environmental Studies.
PUGH-THESIS-2024-1.pdf

Member, Dissertation, "Exploring the Influence of Vertical Relief on Large Mammal Home Range and Occurrences of Illegal Activity", Status: Completed. (2020 - May 2024). Geography, Texas State University.
Student(s): Andy Pinon, Doctoral, PhD Geography.
Pinon_Dissertation_2024-1.pdf

Member, Dissertation, "Social Demands and Geospatial Distributions of Urban Green Spaces and Blue Spaces", Status: Completed. (2019 - May 2024). Geography, Texas State University.
Student(s): Jamil Raihan, Doctoral, Geography.
JAMIL-DISSERTATION-2024 (1)-1.pdf

Member, Master's Thesis, "Predicting Environmental Suitability for Black Mangroves (Avicennia germinans) Using Species Distribution Modeling", Status: Completed. (2022 - 2023). Geography and Environmental Studies, Texas State University.
Student(s): Emilee Freeman, Graduate, Masters of Science.
FREEMAN-THESIS-2023-1.pdf

Member, Master's Thesis, "Development of Optical Brightener Monitoring Community Science Methods to Detect Human Fecal Contamination", Status: Completed. (2021 - 2023). Sustainability Studies, Texas State University.
Student(s): Desiree Jackson, Graduate, MS.
Jackson_Development of Optical Brightener Monitoring_2023-1.pdf

Supervisor / Chair, Dissertation, "Prioritization of Riparian Conservation Opportunities in the Upper Guadalupe River Basin (UGRB), South-Central Texas", Status: Completed. (August 2018 - 2023). Geography, Texas State University.
Student(s): Tasnuva Udita, Doctoral, Geography.
UDITA-DISSERTATION-2023-1.pdf

Member, Master's Thesis, "Blue Index San Marcos: Emotional Experiences, Values, and Use Patterns of Waterscapes in San Marcos, Texas", Status: Completed. (2022).
Student(s): Madeline Wade, Graduate, Geography.
WADE-THESIS-2022-1.pdf

Supervisor / Chair, Honor's Thesis, "Trail-side Survey of Ligustrum Lucidium and Nandina Domestica Throughout Prospect Park Natural Area", Status: Completed. (2021 - 2022). Geography, Texas State University.
Student(s): Haley Tacker, Undergraduate, Geography.
Tacker_SMGA Fellowship Report-1.pdf

Member, Master's Thesis, "Analysis of Aquatic Vegetation in the San Marcos River Using sUAS", Status: Completed. (2021 - 2022). Geography, Texas State University.
Student(s): Alexa Lopez, Graduate, MS Geography.
LOPEZ-THESIS-2021-1.pdf

Supervisor / Chair, Master's Thesis, "North American beaver, Castor canadensis, and river otter, Lontra canadensis, distributions within Texas with a focus on habitat use in the San Marcos River, Texas", Status: Completed. (2021 - 2022). Geography, Texas State University.
Student(s): Brittany Minnig, Graduate, MAG.
Minnig-Report (1)-1.pdf

Member, Master's Thesis, "Spatiotemporal river use patterns and implications for Texas wild-rice distribution in the San Marcos River (Texas, USA) for summer 2016", Status: Completed. (2021 - 2022). Geography, Texas State University.
Student(s): Elizabeth Davila, Graduate, MAG Resource and Environmental Studies.
Davila-Elizabeth-1.pdf

Supervisor / Chair, Master's Thesis, "Change Detection of Tamarix spp. in the upper Brazos River Corridor Using Object-Based Image Analysis", Status: Completed. (2021 - 2022). Geography, Texas State University.
Student(s): Tighearnan Juarez, Graduate, MAG.
JUAREZMURPHY-THESIS-2022-1.pdf

Supervisor / Chair, Master's Thesis, "Stream Power and Geomorphic Changes on the Blanco River Post 2015 Memorial Day Flood of Record in Wimberley, Texas, USA", Status: Completed. (2020 - 2022). Geography, Texas State University.
Student(s): Allyson Schlandt, Graduate, MS Geography.
SCHLANDT-THESIS-2022-1.pdf

Member, Master's Thesis, "To Flow or Not to Flow: A Policy Analysis on the Implementation of Environmental Flow Legislation in Texas", Status: Completed. (2020 - 2022). Geography and Environmental Studies, Texas State University.
Student(s): Francesca Filippone, Graduate, MAG.

Supervisor / Chair, Master's Thesis, "Macro- to Micro-scale litter problems and microplastics in the Upper San Marcos River", Status: Completed. (2020 - 2022). Geography, Texas State University.
Student(s): Haley Johnson, Graduate, MS Geography.
JOHNSON-THESIS-2022-1.pdf

Supervisor / Chair, Master's Thesis, "Alligator Gar population dynamics and habitat characteristics in the Brazos River", Status: Completed. (2020 - 2022). Ecology and Conservation Biology, Texas A&M University.
Student(s): Hayden Roberts, Graduate, MS Ecology and Conservation Biology.

Supervisor / Chair, Dissertation, "Riparian Vegetation Along Ephemeral Streams in Arid and Semi-Arid Environments and Implications for the Clean Water Act", Status: Completed. (August 2018 - 2022). Geography, Texas State University.
Student(s): Aspen Manning, Doctoral, Geography.
MANNING-DISSERTATION-2022 (1)-1.pdf

Member, Dissertation, "Community Geography, Place Identity, and Environmental Stewardship: What motivates volunteerism at environmental nonprofit organizations?", Status: Completed. (2021).
Student(s): Christina Lopez, Doctoral, Geography.
LOPEZ-DISSERTATION-2021-1.pdf

Supervisor / Chair, Master's Thesis, "Investigating Patterns in Spatial Distribution and Diversity of Submerged Aquatic Vegetation in the San Marcos River from 2013 to 2019", Status: Completed. (2021). Geography, Texas State University.
Student(s): Austin Bodin, Graduate, MAG Resource and Environmental Studies.
Bodin-Austin-1.pdf

Supervisor / Chair, Master's Thesis, "Assessing the range of Houston Toad (Bufo [Anaxyrus houstonensis] relative to soil, geology and vegetation over three decades in Bastrop County, TX", Status: Completed. (2020 - 2021). Geography, Texas State University.
Student(s): Alexis Lamberts, Graduate, MAG Resource and Environmental Studies.
Lamberts-Alexis-1.pdf

Member, Master's Thesis, "Plum Creek Watershed Management: A Survey and Synthesis of Management Strategies within the context of Watershed-Scale Changes in Land Use, Hydrology, and Water Quality", Status: Completed. (2020).
Student(s): Aaron Raper, Graduate, MAG.
Raper-Thesis-1.pdf

Supervisor / Chair, Master's Thesis, "Evaluation of Floodplain Policies in Central Texas", Status: Completed. (2018 - 2020). Geography, Texas State University.
Student(s): Kate Landers, MAG.

Supervisor / Chair, Master's Thesis, "Market Strategies for Addressing Water Scarcity: An Introduction to Environmental Water Transactions in Texas", Status: Completed. (2016 - 2020). Geography, Texas State University.
Student(s): Kyle Garmany, Graduate, MAG.
Garmany-Kyle-1.pdf

Member, Master's Thesis, "Hurricane Harvey Hec-Ras Modeling of Bayou Bay", Status: Completed. (2016 - 2018). Geography, Texas State University.

Student(s): Joyce Chien, MAG.

Supervisor / Chair, Master's Thesis, "Item Riparian Forest Recovery Following a Catastrophic Flood on the Blanco River, Texas", Status: Completed. (September 2016 - August 2018). Geography, Texas State University.
Student(s): Manning Aspen, Graduate, MS.
MANNING-THESIS-2018-1.pdf

Supervisor / Chair, Master's Thesis, "Land Use / Land Cover Change Detection and Analysis of the Upper Guadalupe River, Central Texas", Status: Completed. (September 2016 - August 2018). Geography, Texas State University.
Student(s): Tasnuva Udita, Graduate, MS.
2018-Udita-DRFinal-1.pdf

Member, Dissertation, "River Water Quality Relationships with Intense Land Cover Changes in New Zealand", Status: Completed. (September 1, 2015 - August 2018). Geography, Texas State University.
Student(s): Ioannis Kamarinas, Doctoral.

Member, Master's Thesis, "Hydrologic Enforcement Comparisons of DEMs", Status: Completed. (May 2018). Geography, Texas State University.
Student(s): Thomas Pesek, Graduate, MAG.

Supervisor / Chair, Master's Thesis, "Sedimentation in Flood Control Reservoirs of the San Marcos Watershed", Status: Completed. (September 1, 2015 - December 2017). Geography, Texas State University.
Student(s): David Andresen, Graduate.

Member, Master's Thesis, "Connecting protected places in Texas Using Riparian Connectivity Networks", Status: Completed. (September 2015 - 2017). Geography, Texas State University.
Student(s): Grant Moss, Graduate, MS.

Member, Master's Thesis, "Spatiotemporal Changes in Interior Least Tern Sandbar Habitat along the Red River Below Denison Dam", Status: Completed. (2014 - 2017). Geography, Texas State University.
Student(s): Kristin Newcomer, Graduate.

Supervisor / Chair, Dissertation, "Dams, Dam Removals, and Freshwater Mussel Conservation", Status: Completed. (September 1, 2013 - August 2017). Geography, Texas State University.
Student(s): Erin Dascher, Doctoral.
DASCHER-DISSERTATION-2017-1.pdf

Supervisor / Chair, Master's Thesis, "Remote Sensing Analysis of the 2015 Blanco River Floods", Status: Completed. (September 1, 2015 - May 2017). Geography, Texas State University.

Student(s): Jonathan Phillips, Graduate.

Member, Dissertation, "Spatial and Temporal Changes in Reptile and Amphibian Populations", Status: Completed. (September 1, 2014 - May 2017). Geography, Texas State University.
Student(s): John Wamsley, Doctoral.

Member, Master's Thesis, "Remote Sensing of Vegetation at Freeman Ranch", Status: Completed. (September 2014 - May 2017). Geography, Texas State University.
Student(s): Matthew Washburn, Graduate, MS.

Member, Master's Thesis, "Cross-Scale Interactions between Land Cover/Land Use, Climate, and River Water Quality: A Case Study of teh Manawatu Catchment, New Zealand", Status: Completed. (2015 - 2016). Geography, Texas State University.
Student(s): Samantha Abbott, Graduate.

Member, Master's Thesis, "Women in Geomorphology", Status: Completed. (September 1, 2014 - June 30, 2016). Geography, Texas State University.
Student(s): Jennifer Villa, Graduate, MS.

Member, Master's Thesis, "Water Stress Factors of the Edwards Aquifer and the Role of the Habitat Conservation Plan", Status: Completed. (January 2015 - May 2016). Sustainability Studies, Texas State University.
Student(s): Colin Gordon, Graduate.

Supervisor / Chair, Honor's Thesis, "Blanco River Valley Riparian Restoration Projects: Local Values and Decisions for Riparian Habitat Management Following the 2015 Memorial Day Floods in Wimberley, Texas", Status: Completed. (September 1, 2015 - May 30, 2016). Geography, Texas State University.
Student(s): Andy Pinon, Undergraduate.
PinonAndrea-1.pdf

Supervisor / Chair, Master's Thesis, "Golden-Cheeked Warbler Habitat Selection in Response Landscape Fragmentation", Status: Completed. (September 1, 2015 - May 1, 2016). Geography, Texas State University.
Student(s): Colin Strickland, Graduate.

External Dissertation Examiner / Reviewer, Dissertation, "Floodplain Vegetation Productivity Response to Wetting and Drying: Testing the Adaptive Cycle Model", Status: Completed. (January 1, 2015 - September 1, 2015). Geography and Planning, University of New England, Armidale Australia.
Student(s): Rajesh Thapa, Graduate.

Member, Master's Thesis, "Beaver Dam Dimensions and Distribution in Northeastern New Mexico", Status: Completed. (September 1, 2013 - August 1, 2015). Geography, Texas State University.
Student(s): Rachel Cavin, Graduate.

Supervisor / Chair, Master's Thesis, "Examining Hydrodynamics of the Endangered Texas Wild-Rice to Inform Restoration", Status: Completed. (September 1, 2013 - May 1, 2015). Geography, Texas State University.
Student(s): Jordan Adams, Graduate.

Supervisor / Chair, Master's Thesis, "HEC-RAS Flood Modeling of Sink Creek", Status: Completed. (September 1, 2013 - May 30, 2014). Geography, Texas State University.
Student(s): Elizabeth Wren, Graduate, MAG.

Member, Master's Thesis, "Floodplain Vegetation Mosaics in Australia", Status: Completed. (September 1, 2013 - December 1, 2013). Geography, University of New England Armidale.
Student(s): Rajendra Shilpaker, Doctoral, PhD.

D. Courses Prepared and Curriculum Development:

GEO 4313: Environmental Management, Curriculum Development. Taught: 2019 - Present.

GEO 3425: Geomorphology, Curriculum Development. Taught: 2018.

GEO 5308: Regional Studies, Curriculum Development. Taught: 2018.

GEO 7308: Advanced Regional Studies, Curriculum Development. Taught: 2018.

GEO 4314: River Basin Management, Curriculum Development, Texas State University. Taught: 2013 - Present.

GEO 4316: Landscape Biogeography, Curriculum Development, Texas State University. Taught: 2013 - Present.

GEO 4325: Fluvial Processes, Curriculum Development, Texas State University. Taught: 2013 - Present.

GEO 4306: Geography of the Southwest, Curriculum Development, Texas State University. Taught: 2018.

GEO 5334 Applied Water Resources, Curriculum Development, Texas State University. Taught: August 2017 - 2018.

GEO 5316/GEOG 7370: Graduate Seminar Topics Course: “Nature and Society Interactions in River Basin Management”, Curriculum Development, Texas State University. Taught: 2014 - 2018.

GEO 5316: Graduate Seminar Topics Course: “Geography of the Southwest Field Course: Applied Problems in Physical Geography”, Curriculum Development, Texas State University. Taught: 2014 - 2018.

GEOL 1420: Historical Geology, Curriculum Development, Texas State University. Taught: 2016.

GEOG 104: Introductory Physical Geography, Curriculum Development, University of South Carolina at Columbia. Taught: 2010.

E. Teaching Grants and Contracts

3. Funded Internal Teaching Grants and Contracts:

Meitzen, Kimberly Michelle, Percent Contribution: 50%, Jammes, Suzon Amelie, Percent Contribution: 50%. Study-in-America Program Development Grant: Geography and Geology of the Southwest, Distance and Extendeed Learning, Texas State University, $3,000.00. (Funded: 2017). Grant.

F. Other:

Student Accomplishments:

Award:

Mentor, Geomorphology Specialty Group Paper Competition Award. "Geomorphic Characterization of Salt cedar treatments on Channel Morphology and Substrate Texture," American Association of Geographers, Honolulu, Hawaii. Status: Completed. (2024).
Student(s): Tighearnan Juarez-Murphy, Doctoral, Geography.

Fellowship:

Supervisor, San Marcos Greenbelt Alliance Fellowship recipient. "Invasive species surveys in San Marcos greenbelt parks." Status: Completed. (2020). Geography, Texas State University.
Student(s): Haley Tacker, Undergraduate, B.S. Undergraduate - Geography.

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

d. Chapters in Books:

Refereed:

Lookingbill, T. R., Meitzen, K. M., & Julian, J. P. (2022). Riverscapes. In *The Routledge Handbook of Landscape Ecology*. London: Routledge. https://doi.org/https://doi-org.libproxy.txstate.edu/10.4324/9780429399480
10.4324_9780429399480-25_chapterpdf-1.pdf

Julian, J. P., Podolak, C., Meitzen, K. M., Doyle, M. D., Manners, R., Hester, E., … Wilgruber, N. (2016). Shaping the Physical Template: Bio-Hydro-Geomorphic Connections in Stream Channels. In J. B. Jones & E. H. Stanley (Eds.), *Streams in a Changing Environment*. Academic Press. https://doi.org/DOI:10.1016/B978-0-12-405890-3.00002-6

2. Articles:

a. Refereed Journal Articles:

Jamil, R., Julian, J. P., Jensen, J., & Meitzen, K. M. (2024). Urban Green Infrastructure Connectivity: The Role of Private Semi-Natural Areas. *Land*. Published.
land-13-01213-1.pdf

Meitzen, K. M., Robertson, C. R., Jensen, J. L., Daugherty, D. J., Mayes, K. B., & Hardy, T. (2023). Applying Floodplain Inundation Modeling to Estimate Suitable Spawning Habitat and Recruitment Success for Alligator Gar in the Guadalupe River, Texas. *Hydrology*, *10*(6), 1–21. https://doi.org/10.3390/hydrology10060123
Meitzen et al. 2023_hydrology-10-00123-1.pdf

Chow, T. K. E., Chien, J., & Meitzen, K. M. (2023). Validating the Quality of Volunteered Geographic Information (VGI) for Flood Modeling of Hurricane Harvey in Houston, Texas. *Hydrology*, *10*(113). https://doi.org/https://doi.org/10.3390/hydrology10050113
hydrology-10-00113-1.pdf

Dascher, E. D., & Meitzen, K. M. (2020). Dams are Coming Down, but not Always by Choice: The Geography of Dam Distributions, Failures, and Removals in Texas. *Texas Water Journal*. Published. https://doi.org/https://doi.org/10.21423/twj.v11i1.7092
Dascher_Meitzen_Dams_TWJ_2020-1.pdf

Manning, A. B., & Meitzen, K. M. (2019). Blanco River Riparian Forest Regeneration Following a Record Flood in Central Texas. *Southwestern Naturalist*. Published. https://doi.org/DOI:10.1894/0038-4909-64.3-4.195
Manning_Meitzen_2019-1.pdf

Wohl, E. E., Brierley, G., Cadol, D., Coulthard, T. J., Covino, T., Fryers, K. A., … Sklar, L. S. (2019). Connectivity as an Emergent Property of Geomorphic Systems, Earth Surface Processes and Landforms. *Earth Surface Processes and Landforms*, *44*(1), 4–26. https://doi.org/doi.org/10.1002/esp.4434
Earth Surf Processes Landf - 2018 - Wohl - Connectivity as an emergent property of geomorphic systems-1.pdf

Meitzen, K. M. (2018). Floodplains. *Earth Systems and Environmental Science*. Published. https://doi.org/https://doi.org/10.1016/B978-0-12-409548-9.11027-9
Meitzen_2018-1.pdf

Meitzen, K. M., Kupfer, J. A., & Gao, P. (2018). Modeling Hydrologic Connectivity and Virtual Fish Movement Across a Large Southeastern Floodplain. *Aquatic Sciences*, *80*(5). https://doi.org/DOI:10.1007/s00027-017-0555-y
Meitzen_2018_Modeling hydrologic connectivity and virtual fish movement across a large southeastern floodplain USA-1.pdf

Abbott, S. K., Kamarinas, I., J, Meitzen, K. M., Fuller, I., Mc Coll, S., & Dymond, J. (2018). State-shifting at the Edge of Resilience: River Suspended Sediment Responses to Land Use Change and Extreme Storms. *Geomorphology*, *305*, 49–60. https://doi.org/10.1016/j.geomorph.2017.09.004
Meitzen_2018_State shifting at the edge of resilience-1.pdf

Meitzen, K. M., Phillips, J., Perkins, T., Manning, A., & Julian, J. P. (2018). Catastrophic Flood Disturbance and a Community's Response to Plant Resilience in the Heart of the Texas Hill Country. *Geomorphology*, *305*, 20–32. https://doi.org/https://doi.org/10.1016/j.geomorph.2017.09.009
Meitzen et al_2018-1.pdf

Thoms, M. C., Meitzen, K. M., Julian, J. P., & Butler, D. R. (2018). Bio-geomorphology and Resilience Thinking: Common Ground and Challenges. *Geomorphology*, *305*, 1–7. https://doi.org/https://doi.org/10.1016/j.geomorph.2018.01.021
Meitzen_2018_Bio-geomorphology and resilience thinking-1.pdf

Meitzen, K. M. (2016). Streamflow Changes across North Carolina from 1955-2012 with Implications for Environmental Flow Management. *Geomorphology*. Published.
Meitzen_2016_Stream flow changes across North Carolina USA 1955-2012 with implications for environmental flow managment-1.pdf

Meitzen, K. M., & Kupfer, J. A. (2015). Abandoned Meander Forest Development in a Large Alluvial Southeastern Floodplain, South Carolina, USA. *River Systems*, *21*(3-Feb), 141–162. https://doi.org/DOI:10.1127/rs/2015/0101
Meitzen_2015_Abandoned meander forest development in a large alluvial southeastern floodplain South Carolina USA-1.pdf

Kupfer, J. A., Meitzen, K. M., & Gao, P. (2015). Flooding and Surface Connectivity of Taxodium-Nyssa Stands in a Southern Floodplain Forest Ecosystem. *River Research and Applications*, *31*, 1299–1310. https://doi.org/10.1002/rra.2828

Kupfer_2015 Flooding and surface connectivity of Taxodium-Nyssa stands in a southern floodplain forest ecosystem-1.pdf

Meitzen, K. M., & Shelford, V. E. (2014). A Classic Examination of Fluvial Processes and Forest Patterns. *Progress in Physical Geography*, *38*(6), 818–826. https://doi.org/10.1177/0309133314556925

Meitzen, K. M., Doyle, M. W., Thoms, M. C., & Burns, C. E. (2013). Geomorphology in the Interdisciplinary Context of Environmental Flows. *Geomorphology*, *200*, 143–154. Retrieved from http://dx.doi.org/10.1016/ http://dx.doi.org/10.1016/

Meitzen_2013_Geomorphology within the interdisciplinary science of environmental flows-1.pdf

Meitzen, K. M., Kupfer, J. A., & Pipkin, A. R. (2010). Hydrogeomorphic Controls of Early Post-Logging Successional Pathways in a Southern Floodplain Forest. *Forest Ecology and Management*, *259*, 1880–1889. https://doi.org/DOI:10.1016/j.foreco.2010.01.050

Meitzen_2010_Hydrogeomorphic controls of early post logging succession-1.pdf

Meitzen, K. M. (2009). Lateral Chanel Migration Effects on Riparian Forest Structure and Composition, *29*(2), 465–475.

Meitzen_2009_Lateral channel migration effects on riparian forest structure and composition Congaree River South Carolina USA-1.pdf

Meitzen, K. M. (2005). Overbank Flooding and Sedimentation Patterns in a Floodplain Environment. *University of Texas Undergraduate Research Journal*, *4*(1), 34–47. Retrieved from http://hdl.handle.net/2152/10247 http://hdl.handle.net/2152/10247

Meitzen_2005_Overbank flooding and sedimentation patterns in a floodplain environment lower Guadalupe River Texas-1.pdf

4. Abstracts:

Meitzen, K. M., Hoenke, K., & Curtis, S. (2024). Inventory and Prioritization of Instream Barriers to Aquatic Organism Passage in the Upper Guadalupe River, Texas. Published.

Meitzen, K. M., Curtis, S., & Hoenke, K. (2023). Texas Aquatic Connectivity Assessment Pilot Project in the Upper Guadalupe River Basin. Published.

Meitzen, K. M., Jensen, J., & Julian, J. P. (2020). Texas Wild-rice Response to Covid-19 Recreation and Restrictions on the San Marcos River, Texas. Published.

Meitzen, K. M., Jensen, J., & Hardy, T. (2017). Integrating Habitat Suitability Modeling and Environmental Flows for the Conservation of the Flood-Dependant Gar (Atractosteus spatula). Published.

Meitzen, K. M., Jensen, L. R., & Hardy, T. B. (2016). Modeling floodplain inundation to evaluate Gar (Lepisosteiformes) habitat suitability in the lower Guadalupe River, USA. Published.

Meitzen, K. M. (2015). Reconstructing an Old-Growth Forest from Legacy Effects of Historic Logging. *United States - International Association of Landscape Ecologists, Portland, Oregon*. Published.

Meitzen, K. M. (2015). Legacy Effects of Historic Logging on Old-Growth Cypress Forests, Congaree National Park, South Carolina. *111th Annual Meeting of the Association of American Geographers (AAG), Chicago,Ilinois*. Published.

Meitzen, K. M., Kupfer, J. A., & Gao, P. (2014). Application of a 2D Hydrodynamic Flood Model for Quantifying River and Floodplain Process Interactions. Published.

Meitzen, K. M. (2014). Streamflow changes across North Carolina from 1955-2012 with Implications for Environmental Flow Management. Published. https://doi.org/DOI:10.1016/j.geomorph.2015.06.019

Additional Comments: CD-ROM

Meitzen, K. M., Kupfer, J. A., & Gao, P. (2012). Flooding and Surface Connectivity of Abandoned Channel Water Bodies in a Southern Floodplain Forest System. Published.

Meitzen, K. M., & Burns, C. A. (2012). Flows as an Indicator of Ecosystem Resilience – comparing Historic, Current, and Future Flows to Identify Resilient Freshwater Systems for Conservation. Published.

Additional Comments: CD-ROM

Meitzen, K. M., & Kupfer, J. A. (2012). Modeling Flood Inundation and Hydrologic Connectivity across the Congaree River Floodplain, Congaree National Park. Published.

Meitzen, K. M., & Kupfer, J. A. (2012). Sensitivity of Floodplain Connectivity to Variations in Stream Flow at Congaree National Park. Published.

Meitzen, K. M. (2011). Forest Dynamics of Abandoned Meander Wetlands in a Large Floodplain, South Carolina. Published.

Additional Comments: CD-ROM

Meitzen, K. M. (2011). Hydrogeomorphology and Vegetation Ecology of Abandoned Meander Wetlands in a Large Floodplain, South Carolina. Published.
Additional Comments: CD-ROM

Meitzen, K. M. (2010). Hydrogeomorphic Heterogeneity of a Large Coastal Plain Floodplain, Congaree River, South Carolina. Published.
Additional Comments: CD-ROM

Meitzen, K. M. (2009). Hydrogeomorphic Controls of Post-Logging Successional Pathways in a Southern Floodplain Forest. Published.

Additional Comments: refereed poster

Meitzen, K. M. (2008). Congaree Floodplain Decision Support Project: Assessing the Extent of River Regulation Effects on Resources within and around Congaree National Park, South Carolina. Published.

Additional Comments: CD-ROM

Meitzen, K. M. (2008). The Effects of Lateral Channel Migration Rates on Riparian Forest Structure and Composition, Congaree River, Congaree National Park, South Carolina. Published.

Meitzen, K. M. (2007). Congaree River Floodplain Inundation Model: Developing a GIS-Based Decision Support System for Congaree National Park, South Carolina. Published.

Meitzen, K. M. (2007). Downstream Effects of Saluda Dam Flow Alterations on Congaree River Flows During the 1998-2002 Drought. Published.

Meitzen, K. M. (2007). The Hydrologic Effects of Saluda Dam on Downstream Flows in the Lower Congaree River During the 1998-2002 Drought. Published.

Meitzen, K. M. (2006). Development, Disturbance, and Maintenance: Process-Pattern Relationships in Riparian Environments, Congaree River, Congaree National Park, South Carolina. Published.
Additional Comments: CD-ROM

Meitzen, K. M., & Shelley, D. R. (2006). Preliminary GIS Assessment of Near-Channel Floodplain Development, Congaree National Park, South Carolina. Published.

Meitzen, K. M. (2005). Planform Channel Changes on the Congaree River, South Carolina, 1820-2001. Published.

Additional Comments: CD-ROM

Meitzen, K. M., & Hudson, P. F. (2004). Spatial Variability in Flood Deposits, Lower Guadalupe River, Texas. Published.

5. Reports:

Meitzen, K. M., Bevis, L., Hess, M., Howard, M., Large, D., Enders, M., … Jaccaman, K. (2024). Conservation Measures Subcommittee Report. In *Edwards Aquifer Habitat Conservation Plan Permit Renewal*. San Antonio: Edwards Aquifer Authority.

EAHCP Conservation Measures Subcommittee Report-1.pdf

Additional Comments: This report was prepared by the full Conservation Measures subcommittee. I was nominated to be the TXST representative by Dr. Robert Mace, and my appointment was voted on by the EAHCP Implementing Committee.

Meitzen, K. M., & Krause, S. M. (2024). *Geomorphic and Sediment Analysis of the Upper Brazos River in Response to Saltcedar Control (CA-0004627)* (p. 14). Austin, Texas: Texas Parks and Wildlife Department.

F22AP03170_PPR Narrative_Meitzen_Aug2024-1.pdf

F22AP03170_Technical Report_Meitzen_Oct2024_MM_Dec2024_KM_clean-1.pdf

Additional Comments: The attached files include the annual progress report (August 2024) and the final progress report (Dec 2024).

Region 11, R. F. P. G., & Meitzen, K. M. (2024). *2023 Amended Regional Flood Plan: Region 11 Guadalupe, Volume 1* (Vol. 1). Austin, Texas: Texas Water Development Board.

Volume 1 2023 Amended Regional Flood Plan-1.pdf

Additional Comments: This was prepared by the full Region 11 Flood Planning Group with assistance from the consulting team.

Meitzen, K. M., Enders, M., Sanborn, R., Mayes, K., Kreitler, C., & Duke, J. (2023). Biological Goals Subcommittee Report. In *Edwards Aquifer Habitat Conservation Plan Permit Renewal*. San Antonio, Texas: Edwards Aquifer Authority.

Biological-Goals-Subcommittee_Full_Report_2023-1.pdf

Additional Comments: This report was prepared by the full subcommittee. My participation was appointed by vote from the EAHCP Stakeholder Committee.

Meitzen, K. M., & Udita, T. (2023). *Land Cover and Land Use for the Texas Water Company Service Area within Comal County (2007-2022) with Implications for Water Resource Planning, (Contract 8000004248)*. Sattler, Texas: Texas Water Company.

TxWaterCo_Land use land cover project_Meitzen TXST_Dec 2023-1.pdf

Meitzen, K. M., & Kause, S. (2022). *Geomorphic Characteristics of the Upper Brazos River in Response to Invasive Saltcedar Management (CA-0002717)*. Austin, Texas: Texas Parks and Wildlife Department.

Meitzen_TPWD Brazos Report_CA-0002717_Sept2022-1.pdf

Meitzen, K. M., Graham, J., & Hoenke, K. (2022). *Assessment and Prioritization of Barriers in the Upper Guadalupe River Upstream from Canyon Reservoir, TX—A Pilot Project*. Austin, Texas.
TX_T-158-R-1_Final Report-1.pdf
Additional Comments: Report submitted for Texas State Wildlife Grant Program 498973 and United States Fish and Wildlife Service TX T-158-R-1 (CFDA #15.634)

Hess, M., & Meitzen, K. M. (2021). *Springflow Habitat Protection Work Group: Work Group Prioritization Response to Implementing Committee Request*. San Antonio, Texas: Edwards Aquifer Authority.
20210921-Final-SHPWG Response to IC-1.pdf
20210921-Appendices to Work Group Prioritization-1.pdf
Additional Comments: This was a report for an issue-specific work group as part of the Edwards Aquifer Habitat Conservation Plan.

Birdsong, T., Meitzen, K. M., Botros, J., Eggers, K., England, A., Fleming, P., … Tidwell, T. (2020). *Guadalupe Bass Restoration Initiative 2019 Annual Report. TPWD RP T3200-2079*. Austin, TX: Texas Parks and Wildlife Department.

Hardy, T., Swannack, T. M., Jensen, J., Meitzen, K. M., Schwalb, A. N., & Rose, B. (2019). *Delineating Suitable Mussel Habitat over Large Spatial Scales based on Hydraulic Continuity Equations, Report prepared for US Army Corps of Engineers Engineer Research and Development Center*.
2019_ACOE_Delineating_Suitable_Mussel_Habitat_over_Large_Spatial_Scales_based_on_Hydraulic_Continuity_Equations-1.pdf

Meitzen, K. M., Jensen, J., & Hardy, T. (2018). *Floodplain Inundation Analysis of the Lower Guadalupe River: Linking Hydrology and Floodplain-Dependent Resources* (p. 39).
2018_TPWD_Floodplain_inundation_analysis_of_the_lower_Guadalupe_River_linking_hydrology_and_floodplain-dependent_resources-1.pdf
Additional Comments: Prepared for Texas Parks and Wildlife, deliverable on grant no. 1448311791

Benner, R., Barnett, A., Sheldon, A. O., Hoenke, K., Meitzen, K. M., & Fields, M. (2014). *North Carolina's Freshwater Resilience.*

Meitzen, K. M. (2013). *The Nature Conservancy's Environmental Flows Project for North Carolina. Final Report for the North Carolina Chapter of the Nature Conservancy*.

Meitzen, K. M. (2010). *Expert Report of Kimberly Meitzen for State of South Carolina Administrative Law Court*.
Additional Comments: Docket No. 09-ALJ-07-0377-CC

Kupfer, J. A., Meitzen, K. M., & Graf, W. L. (2009). *Forest Recovery and Hydrologic Modeling on New Park Lands*.

Additional Comments: Final Report for Project H5000030930, Congaree NP

Meitzen, K. M., & Graf, W. L. (2006). *Congaree Floodplain Decision Support Project: Assessing the Extent of River Regulation Effects on Resources within and around Congaree National Park, Part II: Floodplain Inundation Modeling Using HEC-RAS and GIS*.

Additional Comments: NPS/COSW/R5240050013

6. Book Reviews:

Meitzen, K. M. (2017). Review of Texas Landscape Project. *Great Plains Research: A Journal of Natural and Social Sciences*. Lincoln, Nebraska, USA: University of Nebraska. https://doi.org/DOI:10.1353/gpr.2017.0029

10. Other Works in Print:

Encyclopedia Entries:

Meitzen, K. M. (2023). Geomorphic Impacts of Dam Removal. In *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*. Wiley. https://doi.org/https://doi-org.libproxy.txstate.edu/10.1002/9781118786352.wbieg2162
Meitzen_2023_dam removal river impacts-1.pdf

Meitzen, K. M. (2017). Applied Geomorphology. In *The International Encyclopedia or Geography: People, the Earth, Environment, and Technology*. Wiley-Blackwell.

Meitzen, K. M. (2015). *Geography*. (E. Wohl, Ed.), *Oxford Bibliographies In Environmental Science*. https://doi.org/doi:10.1093/obo/9780199363445-0037
Meitzen_2015_Geography-1.pdf

Newspaper Articles:

Meitzen, K. M. (2018, November). Water Symposium Addresses Future of Flooding in Texas. *Rivard Report*. Retrieved from https://sanantonioreport.org/water-symposium-addresses-the-future-of-flooding-in-texas/https://sanantonioreport.org/water-symposium-addresses-the-future-of-flooding-in-texas/

Other:

Meitzen, K. M. (2011). Geologic Map of the Fort Jackson South 7.5 Minute Quadrangle, Richland and Calhoun Counties, South Carolina. In *United States Geological Survey, Geologic Quadrangle Map Series 52*.

Meitzen, K. M., Kupfer, J. A., & Graf, W. L. (2010). *Can One Foot of Relief Really Make that Much of a Difference?*

Meitzen, K. M. (2010). Geologic Map of the Southwest Columbia 7.5 Minute Quadrangle, Lexington, Richland, and Calhoun Counties, South Carolina. In *United States Geological Survey, Geological Quadrangle Map Series 50*.

Meitzen, K. M., & Crockett, M. (2010). *Little Pee Dee Scenic River Water Trail Guide* (p. 65). SCDNR Publication.

Meitzen, K. M., Howard, C. S., & Nystrom, Jr, P. G. (2009). Geologic Map of the Poinsett State Park 7.5 Minute Quadrangle, Sumter County, South Carolina. In *United States Geological Survey, Geological Quadrangle Map Series 46*.

Meitzen, K. M., & Crockett, M. (2009). *Lynches Scenic River Water Trail Guide* (p. 95). SCDNR Publication.

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Meitzen, K. M. (Presenter), Hoenke, K., Curtis, S., Southwestern American Association of Geographers, "Inventory and Prioritization of Instream Barriers to Aquatic Organism Passage in the Upper Guadalupe River, Texas," TXST LBJ Student and Conference Center, San Marcos. (October 2024).

Udita, T. S., Meitzen, K. M., American Association of Geographers, "Applying multi-criteria evaluation process in predicting stream conditions of the upper Guadalupe River, Central Texas." (2019).

Meitzen, K. M., Graham, J., Hoenke, K., American Association of Geographers, "Stream barrier prioritization analysis to improve aquatic connectivity: A pilot-project in the upper Guadalupe River, Texas." (2019).

Meitzen, K. M., Phillips, J., Manning, A., Perkins, T., United States International Association of Landscape Ecology, "Catastrophic flood disturbance and a community's response to plant resilience in the heart of the Texas Hill Country," Chicago, IL. (2018).

Meitzen, K. M., Jensen, L. R., Hardy, T. B., 112th Annual meeting of the American Association of Geographers (AAG), "Modeling floodplain inundation to evaluate Gar (Lepisosteiformes) habitat suitability in the lower Guadalupe River," San Francisco, CA, United States. (April 2016).

Hardy, T. (CoAuthor), Meitzen, K. M. (CoAuthor/Presenter), Jensen, J. (CoAuthor), 112th Annual meeting of the American Association of Geographers (AAG),

"Modeling floodplain inundation to evaluate Gar (Lepisosteiformes) habitat suitability in the lower Guadalupe River, USA," American Association of Geographers, San Francisco, San Fancisco, CA, United States. (March 29, 2016).

Hardy, T. (CoAuthor/Presenter), Meitzen, K. M. (CoAuthor), Jensen, J. (CoAuthor), 11th ISE 2016, Melbourne, Australia, "DEVELOPMENT OF A FLOW DEPENDENT INUNDATION MODEL FOR EVALUATING GAR (LEPISOSTEIFORMES) HABITAT SUITABILITY IN THE LOWER GUADALUPE RIVER, USA," International Association for Hydro-Environment Engineering and Research, Melbourne, Melbourne, Australia. (February 2016).

Meitzen, K. M., US-International Association of Landscape Ecologists (USIALE), "Reconstructing an Old-Growth Cypress Forest from Legacy Effects of Historic Logging," Portland, OR, United States. (July 2015).

Meitzen, K. M., 111th Annual meeting of the Association of American Geographers (AAG), "Legacy Effects of Historic Logging on Old-Growth Cypress Forests, Congaree National Park, South Carolina," Chicago, IL, United States. (April 2015).

Meitzen, K. M., Kupfer, J. A., Gao, P., Joint Aquatic Sciences Meeting, "Application of a 2D hydrodynamic flood model for quantifying river and floodplain process interactions," Portland, OR, United States. (May 2014).

Meitzen, K. M., 110th Annual meeting of the Association of American Geographers (AAG), "Streamflow changes across North Carolina from 1955-2012 with implications for environmental flow management," Tampa, FL, United States. (April 2014).

Meitzen, K. M., Burns, C. A., Society for Conservation Biologists North American Congress for Conservation Biology, "Flows as an indicator of ecosystem resilience – comparing historic, current, and future flows to identify resilient freshwater systems for conservation," Oakland, CA, United States. (July 2012).

Meitzen, K. M., United States International Association of Landscape Ecology (US-IALE) 2011 Annual Symposium, "Forest Dynamics of Abandoned Meander Wetlands in a Large Floodplain, South Carolina," Portland, OR, Bahrain. (April 2011).

Meitzen, K. M., 107th Annual Meeting of the Association of American Geographers (AAG), "Hydrogeomorphology and Vegetation Ecology of Abandoned Meander Wetlands in a Large Floodplain, South Carolina," Seattle, WA, United States. (April 2011).

Meitzen, K. M., 104nd Annual Meeting of the AAG, "Development and Application of a GIS Floodplain Inundation Model for Congaree National Park, South Carolina," Boston, MA, United States. (April 2008).

Meitzen, K. M., Floodplain Ecosystem Symposium, "The Effects of Lateral Channel Migration Rates on Riparian Forest Structure and Composition, Congaree River,

Congaree National Park, South Carolina," Little Rock, AR, United States. (March 2008).

Meitzen, K. M., Annual Meeting of the Southeastern Division of the AAG, "The hydrologic effects of Saluda Dam on downstream flows in the Lower Congaree River during the 1998-2002 Drought," Charleston, SC, United States. (November 2007).

2. Invited Talks, Lectures, and Presentations:

Meitzen, K. M., Biology Department Seminar Series, "A Confluence of Interests in Riverine Connectivity and Conservation in the Guadalupe Basin," Biology Department - TXST, Supple Science Building. (November 2024).

Meitzen, K. M., Curtis, S., Southeastern Association of Fish and Wildlife Agencies, "Texas Aquatic Connectivity Assessment Pilot Project in the Upper Guadalupe River Basin," Texas Parks and Wildlife, Corpus Christi, TX. (2023).

Meitzen, K. M., University of Texas and San Antonio, "A Confluence of Interests in Connectivity, Ecology, and Conservation of the Guadalupe River from the headwaters to the Bay," UTSA Geography. (2021).

Meitzen, K. M., American Association of Geographers, "Tribute to William L. Graf," Water Resource and Geomorphology Specialty Group, virtual - Zoom. (2021).

Meitzen, K. M. (Presenter), Jensen, J. (co-author), Julian, J. P. (co-author), National Habitat Conservation Plan Coalition, "Texas Wild-rice Response to Covid-19 Recreation and Restrictions on the San Marcos River, Texas," Edwards Aquifer Authority Habitat Conservation Plan, Virtual. (November 2020).

Meitzen, K. M. (Presenter), Graham, J. (Co-Presenter), Hoenke, K. (Co-Presenter), Southern Division American Fisheries Society, "Inventory of Instream Barriers to Aquatic Organism Passage in the Upper Guadalupe River, Texas," Southeast Aquatic Resources Partnership, Little Rock, AR. (January 2020).

Meitzen, K. M. (Presenter), Curtis, S. (Co-Presenter), Guadalupe Bass Research Initiative, "Assessment and Prioritization of Barriers in the Upper Guadalupe River upstream of Canyon Reservoir, TX," Texas Parks and Wildlife, Kerrville, TX. (2019).

Meitzen, K. M., Women in Geosciences Colloquium Series, "Connectivity as a Central Theme in River Science and Conservation," Texas A&M University, Geography Department, Texas A&M University, Geography Department, College Station, TX, United States. (December 2018).

Meitzen, K. M., Cross-currents Colloquium Series, "Navigating the Confluence of Riverine Ecology, Conservation, and Policy," UNT- Geography and the Environment, University of North Texas, Denton, TX, United States. (October 2016).

Meitzen, K. M., Presentation to the Department of Geography and the Environment, "Flood Processes, Forest Dynamics, and the Legacy of Historic Logging on the Congaree Floodplain," University of Texas at Austin, Austin, TX, United States. (2013).

Meitzen, K. M., Presentation to the North Carolina Ecological Flows Science Advisory Board, "The Nature Conservancy's Environmental Flows Project for North Carolina: Final Report and Flow Recommendations," Lake Jordan Education Center, Chapel Hill, NC, United States. (2013).

Meitzen, K. M., Doyle, M. D., Benner, R., Presentation to the North Carolina Ecological Flows Science Advisory Board, "The Nature Conservancy's Environmental Flows Project for North Carolina: Freshwater Resilience," Lake Jordan Education Center, Chapel Hill, NC, United States. (2013).

Meitzen, K. M., "Environmental Flows Science and Policy," Nicholas School of the Environment. (2012).

Meitzen, K. M., Doyle, M. D., Thoms, M. C., Burns, C. A., 43rd Annual Binghamton Geomorphology Symposium, "Geomorphology in the Interdisciplinary Context of Environmental Flows," Jackson Hole, WY, United States. (2012).

Meitzen, K. M., Doyle, M. D., Burns, C. A., Presentation to the North Carolina Ecological Flows Science Advisory Board, "The Nature Conservancy's Environmental Flows Project for North Carolina: Study for Four River Basins," Lake Jordan Education Center, Chapel Hill, NC, United States. (2012).

Meitzen, K. M., Dissertation presentation to Congaree National Park superintendent, resource managers, educational director, park ranger staff, and visitors, "Flood Processes, Forest Dynamics, and Disturbance in the Congaree River Floodplain, South Carolina." (2011).

Meitzen, K. M., Congaree National Park Research Symposium, "Congaree Floodplain Decision Support Project Phase II: GIS Floodplain Inundation Modeling, Congaree National Park, South Carolina," Columbia, SC, United States. (2008).

Meitzen, K. M., Congaree National Park Research Symposium, "Development, Disturbance, and Maintenance: Process-Pattern Relationships in Riparian Environments, Congaree River, Congaree National Park, SC," Columbia, SC, United States. (2008).

Meitzen, K. M., Southeastern Friends of the Pleistocene (SEFOP) Meeting, "Modeling Floodplain Inundation for the Ecologically Sustainable Water Management of Congaree National Park," Columbia, SC, United States. (2008).

Meitzen, K. M., Graf, W. L., Ecologically Sustainable Water Management (ESWM), "Floodplain Decision Support Project: Flood Inundation Modeling of the Congaree

River and Floodplain, Congaree National Park, South Carolina," Columbia, SC, United States. (2007).

Meitzen, K. M., Nature fest Event at Congaree National Park, "Congaree River Floodplain Process and Forest Ecology, Congaree National Park." (2006).

Meitzen, K. M., "Fluvial Geomorphology lecture: GEOG 201: Landforms," Geography Department, University of South Carolina. (2006).

4. Workshops:

Meitzen, K. M., "Texas Aquatic Connectivity Team 2nd Annual Meeting," TXST Star Park, San Marcos, TX. (June 2024).

Additional Comments: I am the co-team lead in a collaborative effort with Texas Parks and Wildlife Department and the Southeast Aquatic Resources Partnership for the Texas ACT.

Meitzen, K. M., "Texas Aquatic Connectivity Team 1st Annual Meeting," TXST Meadows Center for Water and the Environment, San Marcos, TX. (March 2023).

Additional Comments: I am the co-team lead in a collaborative effort with Texas Parks and Wildlife Department and the Southeast Aquatic Resources Partnership for the Texas ACT.

Meitzen, K. M., "Program in Excellence and Teaching and Learning." (2015).
Additional Comments: Professional development workshop sponsored by Academic Development and Assessment at Texas State University

Meitzen, K. M., "Geography Faculty Development Alliance (GFDA)." (2014).
Additional Comments: Workshop provides early career geography faculty with professional development opportunities aimed at helping provide successful guidance for teaching, research, and service

Meitzen, K. M., "Ecological Limits of Hydrologic Alteration workshop for Great Lakes regions of New York and Pennsylvania." (2012).
Additional Comments: Participant in stakeholder workshop for recommending environmental flows to the New York Department of Environmental Conservation[participant].

Meitzen, K. M., "South Atlantic Landscape Conservation Cooperative (SALCC) Instream Flow Resource Workshop," Savannah, GA, United States. (2012).
Additional Comments: [presenter and participant].

Meitzen, K. M., "Ecologically Sustainable Water Management Process for the Congaree and Saluda Rivers." (2008).

Additional Comments: Participant in multi-stakeholder workshop for recommending flows to the Federal Energy Regulatory Commission relicensing of Saluda Dam, South Carolina, [presenter and participant].

5. Other Works not in Print:

a. Works "submitted" or "under review":

Journal Articles:

Manning, A., Meitzen, K. M., Juarez Murphy, T. G., & McGarrity, M. (Submitted / Under Review). Biogeomorphic Impacts of Saltcedar (Tamarix spp.) Invasions in Riverscapes of the American Southwest. *Progress in Physical Geography: Earth and Environment*. (July 2024)

Manning, A., Meitzen, K. M., & Juarez Murphy, T. G. (Submitted / Under Review). Biogeomorphic Responses to Non-Native Plant Invasions. *Progress in Physical Geography: Earth and Environment*. (July 2024)

Manning, A., Meitzen, K. M., Currit, N., & Reynolds, L. (Submitted / Under Review). Controls on Longitudinal Patterns of Riparian Vegetation Along Ephemeral Streams in the Southwestern United States. *Physical Geography*. (June 2024)

b. Works "in progress":

Journal Articles:

Meitzen, K. M., Curtis, S., Hoenke, K., & Fix, S. (In Preparation; Not Yet Submitted). Stream Barrier Remediation Prioritization for Flood Hazard Reduction and Improved Aquatic Organism Passage. *Texas Water Journal*.

c. Other Works Not in Print:

Posters:

Meitzen, K. M., Shelley, D. R., 26th Annual International Wetland Meeting, "Preliminary GIS Assessment of Near-Channel Floodplain Development, Congaree National Park, South Carolina," Society of Wetland Scientists, Charleston, SC, United States. (June 2005).

Meitzen, K. M., 38th Annual Binghamton Geomorphology Symposium, "Downstream Effects of Saluda Dam Flow Alterations on Congaree River Flows During the 1998-2002 Drought," Durham, NC, United States. (October 2007).

Meitzen, K. M., Digital Mapping Techniques (DMT) Meeting, "Congaree River Floodplain Inundation Model: Developing a GIS-Based Decision Support System for Congaree National Park, South Carolina," Columbia, SC, United States. (May 2007).

Meitzen, K. M., 102nd Annual Meeting of the AAG, "Development, Disturbance, and Maintenance: Process-Pattern Relationships in Riparian Environments, Congaree River, Congaree National Park, South Carolina," Chicago, IL, United States. (March 2006).

Meitzen, K. M., 101st Annual Meeting of the AAG, "Planform Channel Changes on the Congaree River, South Carolina, 1820-2001.," Denver, CO, United States. (April 2005).

Meitzen, K. M., Hudson, P. F., 100th Annual Meeting of the AAG, "Spatial Variability in Flood Deposits, Lower Guadalupe River, Texas," Philadelphia, PA, United States. (March 2004).

Meitzen, K. M., 106th Annual Meeting of the Association of American Geographers (AAG), "Hydrogeomorphic Heterogeneity of a Large Coastal Plain Floodplain, Congaree River, South Carolina," Washington, DC, United States. (April 2001).

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Heard, Thomas Charles (Principal), Meitzen, Kimberly Michelle (Co-Principal), Martina, Jason Philip (Supporting). Upper San Marcos River Aquatic Invasive Species Removal and Native Vegetation Repatriation, State, $50,000.00. (Submitted: February 2023, Funded: January 2024 - 2025). Grant.
CA-0006057 Upper San Marcos River Aquatic Invasive Sp._FE-1.pdf

Meitzen, Kimberly Michelle (Principal), Krause, Samantha Marie (Co-Principal). Using a Small Unmanned Aerial System (sUAS) to Model Structure-From-Motion (SfM), Texas Parks and Wildlife Department, State, $14,996.00. (Funded: January 2024 - September 2025). Contract.
FE - CA-0006282 IAC - Small Unmanned Aerial Sys (sUAS)-Dr. Meitzen_FE-1.pdf

Meitzen, Kimberly Michelle, Udita, Tasnuva (Co-Principal). Comal County Land Cover and Land Use Change Analysis 2007-2022 with Implications for Water Resource Planning, Canyon Lake Water Supply, Municipal, $20,000.00. (Submitted: 2023, Funded: 2023 - 2024). Contract.
Meitzen-Texas Water Company_SPONSORED RESEARCH AGREEMENT_FE-1.pdf

Meitzen, Kimberly Michelle (Principal), Krause, Samantha Marie (Co-Principal). Geomorphic and Sediment Analysis of the Upper Brazos River in Response

to Saltcedar Control, Texas Parks and Wildlife Department, State, $80,102.00. (Submitted: 2022, Funded: 2023 - 2024). Grant.
Meitzen_TXST_CA-0004627 Contract-1.pdf

Meitzen, Kimberly Michelle (Principal), Krause, Samantha Marie (Co-Principal). Geomorphic Characteristics of the Upper Brazos River in Response to Invasive Saltcedar Management, Texas Parks and Wildlife Department, State, $38,160.00. (Submitted: 2021, Funded: 2022). Grant.
CA-0002717 - ATC 1 - Texas State_FE-1.pdf

Meitzen, Kimberly Michelle, Howard, Melani. Riparian and Instream Habitat Enhancement along the San Marcos River and Willow Springs Creek, United States Fish and Wildlife Service, Federal, $50,000.00. (Submitted: December 2019, Funded: 2021 - 2022). Grant.

Additional Comments: This grant was awarded to the Co-PI entity at City of San Marcos and subcontracted to Meadows Center for Water and the Environment.

Jensen, Jennifer (Principal), Meitzen, Kimberly Michelle (Co-Principal). Geographic Information System Data Architecture Upgrade for Healthy Creeks Initiative, Texas Parks and Wildlife, State, $19,994.91. (Funded: April 2021 - September 2022). Contract.

Meitzen, Kimberly Michelle (Co-Principal), Graham, Jessica (Principal), Hoenke, Kathleen (Co-Principal). Assessment and Prioritization of Barriers in the Upper Guadalupe River upstream from Canyon Reservoir, TX - A Pilot Project, Southeast Aquatic Resource Partnership, Private / Foundation / Corporate, $115,731.00. (Funded: 2017 - 2019). Grant.

Julian, Jason Paul (Principal), Meitzen, Kimberly Michelle, Butler, David R. Resilience and Bio-Geomorphic Systems: The 48th Annual Binghamton Geomorphology Symposium, NSF-Geomorphology & Land Use Dynamics, Federal, $39,250.00. (Funded: 2017 - 2018). Grant.

Hardy, Thom (Principal), Jensen, Jennifer L (Co-Principal), Meitzen, Kimberly M (Co-Principal). Floodplain Inundation Analysis of the Lower Guadalupe River: Linking Hydrology and Floodplain Dependant Resources, Texas Parks and Wildlife Department, State, $104,206.00. (Submitted: October 1, 2015, Funded: October 1, 2016 - August 31, 2017). Grant.

Kupfer, J A (Principal), Meitzen, Kimberly Michelle (Co-Principal), Carbone, G (Co-Principal), Tufford, D (Co-Principal). US Department of the Interior, National Park Service. Climate change-induced changes in flow regime, floodplain inundation and species habitats at Congaree National Park, $310,614.00. (Funded: 2010 - 2013). Grant.

Meitzen, Kimberly Michelle. Biogeography Specialty Group PhD Student Research Grant, Biogeography Specialty Group of the Association of American Geographers, $700.00. (Funded: 2010). Grant.

Meitzen, Kimberly Michelle. Friends of Congaree Swamp Research Grant, Friends of Congaree Swamp, $500.00. (Funded: 2010). Grant.

Meitzen, Kimberly Michelle. Society of Wetland Scientist Student Research Grant, Society of Wetland Scientists, $500.00. (Funded: 2010). Grant.

Meitzen, Kimberly Michelle. Student Travel Grant, Geography Department, University of South Carolina. (Funded: 2010). Grant.

Meitzen, Kimberly Michelle. Student Travel Grant, Geography Department, University of South Carolina. (Funded: 2008). Grant.

Meitzen, Kimberly Michelle (Principal), Graf, W L. US Department of the Interior National Park Service. Lateral Channel Migration Patterns and Forest Response in Near-Channel Riparian Environment, $2,614.00. (Funded: 2004 - 2006). Grant.

Additional Comments: Congaree National Park, South Carolina

2. Submitted, but not Funded, External Grants and Contracts:

Montagna, Paul (Principal), Hoeinghaus, David (Co-Principal), Meitzen, Kimberly Michelle (Co-Principal), McKinney, Larry (Co-Principal), Opdyke, Daniel (Co-Principal), Randklev, Charles (Co-Principal), Wetz, Michael (Co-Principal). Developing a Long-Term Monitoring Plan for the Adaptive Management of Environmental flows in Texas, Texas Water Development Board, State, $202,340.00. (Submitted: 2022). Grant.

Martina, Jason Philip (Co-Principal), Meitzen, Kimberly (Principal). Quantifying Recreation and Drought Perturbations on Endangered Species of the San Marcos River and Expanding System Resilience Downstream with Native Submerged Aquatic Vegetation Cover, Texas CPA Texas Endangered Species Management Research, State, $125,000.00. (Submitted: November 2022). Grant.

Forsythe, Michelle Elizabeth, Daniel, Kristy Lynn (Co-Principal), Dussler, Marcus R (Co-Principal), Meitzen, Kimberly Michelle (Co-Principal). LoQuest – Transforming Local STEM Questions into Global Geoscience Journeys, Improving Undergraduate STEM Education – GEOPAths Informal Education Track, NSF, Federal, $349,648.00. (Submitted: 2021). Grant.
Forsythe_LoQuestFinal-1.pdf

Meitzen, Kimberly Michelle, Manning, Aspen Brianne. Doctoral Dissertation Research: Riparian Vegetation as an Indicator of Hydrologic Connectivity in

Arid and Semi-Arid Environments, National Science Foundation, Federal, $15,419.00. (Submitted: 2019). Grant.

3. Funded Internal Grants and Contracts:

Julian, Jason Paul (Principal), Percent Contribution: 100%, Meitzen, Kimberly Michelle (Supporting). Sustainable Carrying Capacity of Upper San Marcos River: Meeting Ecological and Social Demands, Research Enhancement Program, Texas State University, $7,997.00. (Funded: 2020 - 2021). Grant.

Meitzen, Kimberly Michelle (Principal). Research Enhancement Proposal, Texas State University. Reconstructing an Old-Growth Cypress Forest from Legacy Effects of Historic Logging, $8,000.00. (Funded: 2013). Grant.

4. Submitted, but not Funded, Internal Grants and Contracts:

Ikehata, Keisuke, Percent Contribution: 50%, Meitzen, Kimberly Michelle, Percent Contribution: 50%. One Water TXST – Towards the First Full Scale On-Campus Direct Potable Reuse Project, Texas State University - Research Enhancement Program, Texas State University, $16,000.00. (Submitted: October 9, 2024). Sponsored Research.

D. Scholarly / Creative Fellowships, Awards, Honors:

Award / Honor Recipient: Presidential Research Award, Texas State University.
2022

Award / Honor Recipient: NASA-MSU Professional Enhancement Award, United States International Association of Landscape Ecology (US-IALE).
2011

Award / Honor Recipient: Paul E. Lovingood Research Excellence Award, Geography, USC – Columbia.
2009

Award / Honor Recipient: SPOT Award, South Carolina Department of Natural Resources, Geological Survey.
2009

Award / Honor Recipient: Reds Wolman Student Research Award, Geomorphology Specialty Group of the Association of American Geographers.
2006

Award / Honor Recipient: Erich Zimmerman, Holz-English Undergraduate Award, University of Texas, Geography.
2003

Award / Honor Recipient: Undergraduate Excellence Award, University of Texas, Geography.
2003

E. Scholarly / Creative Professional Development Activities Attended:

Workshop, "Urban Riparian Restoration," Texas AgriLife Extension, San Antonio, TX, United States. (November 2018).

Workshop, "Southeast Aquatic Connectivity Barrier Workshop," Southeast Aquatic Resource Partnership and US Fish and Wildlife Service. (2017).

F. Media Recognition:

Magazine, Edwards Aquifer Habitat Conservation Plan Steward Newsletter: Long Time Comin'. (2024).
EAHCP Steward September-October 2024 FINAL-1.pdf
Additional Comments: Listen to the podcast here, link on Sept-Oct 2024: Grant Funding Story https://www.eahcpsteward.org/archives

Magazine, Edwards Aquifer Habitat Conservation Plan Steward Newsletter: Goals for Guidance. (May 2023).
EAHCP Steward May-June 2023-1.pdf
Additional Comments:
https://www.eahcpsteward.org/_files/ugd/3c31eb_6d36381f0011433e8589b3a3d479c265.pdf

Magazine, Edwards Aquifer Habitat Conservation Plan Steward Newsletter: Drought Impacts. (August 2022).
EAHCP Steward August 2022 Final-1.pdf
Additional Comments:
https://www.eahcpsteward.org/_files/ugd/3c31eb_b44e9320d743435080a6abe80ac52054.pdf

Magazine, Edwards Aquifer Habitat Conservation Plan Steward Newsletter: Texas Wild-rice. (October 2020).
EAHCP Steward October 2020-FINAL-1.pdf
Additional Comments:
https://www.eahcpsteward.org/_files/ugd/3c31eb_57214b39e78941729d97e53d4ae55aee.pdf

TV, KXAN News In-Depth Investigation. (May 2024).

Additional Comments: Link to news story and interview:
https://www.kxan.com/texas-water/illegal-dam-reporting-on-the-rise-in-central-tx-state-agencies-say/

IV. SERVICE

A. Institutional

1. University:

Member, Conservation Measures Subcommittee Edwards Aquifer Habitat Conservation Plan (EAHCP). (2024 - Present).

Additional Comments: This is a sub-committee work group of the Edwards Aquifer Habitat Conservation Plan where I serve as the Texas State University Stakeholder Committee Representative. This group was convened to develop a report for the United States Fish and Wildlife Service, Incidental Take Permit Renewal process.

Member, River Education and Stewardship Alliance (RESA). (2023 - Present).

Chair, Edwards Aquifer Habitat Conservation Plan (EAHCP). (2017 - Present).

Member, Biological Goals Subcommittee Edwards Aquifer Habitat Conservation Plan (EAHCP). (2023).

Additional Comments: This is a sub-committee work group of the Edwards Aquifer Habitat Conservation Plan where I serve as the Texas State University Stakeholder Committee Representative. This group was convened to develop a report for the United States Fish and Wildlife Service, Incidental Take Permit Renewal process.

Member, Upper San Marcos River Watershed Protection Planning Team with the Meadows Center for Water and the Environment. (2020 - 2023).

Member, Spring Flow Protecction SubCommittee of Edwards Aquifer Habitat Conservation Plan (EAHCP). (2020 - 2022).

Additional Comments: This is a sub-committee work group of the Edwards Aquifer Habitat Conservation Plan where I serve as the Texas State University Stakeholder Committee Representative.

Faculty Advisor for Student Group, Texas State Running Club. (2019 - 2020).

3. Department/School:

Member, Major Events Committee. (2024 - Present).

Mentor, Advisor, Ecological Research Group Advisor with the Meadows Center for Water and the Environment. (2024 - Present).

University Mentor, Peer mentor for junior Geology faculty - Dr. Wernette. (2022 - Present).

Faculty Advisor for Student Group, Environmental Conservation Organization student group. (2015 - Present).

Chair, Alumni Relations Committee. (2023 - 2024).

Member, Meadows Endowed Professorship in Aquatic Resources. (2023 - 2024).

Co-Chair, Ad-Hoc Faculty Hiring Procedures. (2021 - 2022).

Member, Meadows Endowed Chair in Water Conservation Faculty Search. (2021 - 2022).

Member, Faculty Search Committee. (2021).

Member, Undergraduate Student Committee. (2020 - 2021).

Member, Faculty Search Committee - Assistant Professor tenure track position. (2020).

Member, Evaluation Committee. (2019 - 2020).

Member, Candidate Search Committee for Tenure-Track Physical Geography Position. (2019).

Chair, Diversity Committee. (2017 - 2019).

Faculty Advisor, Coastal Conservation Association Student Organization Group. (2017 - 2019).

Member, Diversity Commitee. (2016 - 2017).

Member, Texas Geography Student Research Symposium Commitee, Texas State University. (2016).

Member, Evaluation Committee, Texas State University. (2015 - 2016).

Member, Hiring search committee for Urban Geographer. (2015).

Member, Graduate Student Committee, Texas State University. (2014 - 2015).

Member, Hiring search committee for Climatologist position. (2014 - 2015).

Member, Hiring search committee for Water Conservation Chair. (2014 - 2015).

Member, Graduate Student Committee, Texas State University. (2013 - 2014).

Member, Recruiting and Communications Committee, Texas State University. (2013 - 2014).

Vice President, Geography Graduate Student Association, Univ. of SC. (2008 - 2009).

Secretary, Geography Graduate Student Association, Univ. of SC. (2006 - 2007).

Secretary, Undergraduate Geographical Society, Univ. of TX. (2003 - 2004).

B. Professional:

Member, Upper San Marcos River Watershed Protection Planning Team with the City of San Marcos. (2024 - Present).

Reviewer / Referee, Journal of Hydrology. (2024 - Present).

Co-Chair, Texas Aquatic Connectivity Team, Southeast Aquatic Resources Partnership and Texas Parks and Wildlife Department. (2023 - Present).

Additional Comments: https://southeastaquatics.net/sarps-programs/aquatic-connectivity-program-act/act/texas-act

Member, National Academy of Sciences and Engineering, Mississippi River Trans-Delta Initiative Standing Committee. (2023 - Present).

Additional Comments: https://www.nationalacademies.org/our-work/mississippi-river-delta-transition-initiative#sectionWebFriendly

Reviewer / Referee, Texas Water Journal. (2022 - Present).

Member, Regional Flood Planning Group Member for Region 11 Guadalupe River Basin, Texas Water Development Board. (2020 - Present).

Additional Comments: I also serve on the Executive Committee for the RFPG Region 11.
http://www.guadaluperfpg.org/

Reviewer / Referee, Southeastern Naturalist. (2019 - Present).

Editor, Geomorphology, Book Review Editor. (December 2016 - Present).

Manuscript Reviewer, River Research and Applications. (2014 - Present).

Manuscript Reviewer, Earth Surface Processes and Landforms. (2013 - Present).

Manuscript Reviewer, Geomorphology. (2012 - Present).

Coordinator / Organizer, Groundwater Symposium: A Deep Dive into Local Aquifers, San Marcos, TX. (2024).

Additional Comments: Co-organized the symposium with the Barton Springs Edwards Aquifer Conservation District and the TXST Office of Sustainability, held at the TXST LBJ Ballroom, April 2, 2024.

Coordinator / Organizer, River Management Society Fieldtrip: Walking Tour of Habitat Restoration Projects on the San Marcos and Comal Spring and River Systems, San Marcos, TX. (February 2023).

Organization Member, Steering Committee of the Binghamton Geomorphology Symposium. (2016 - 2021).

Coordinator / Organizer, Texas Hydro-Geo Workshop - Riparian Functional Assessment Module, Boerne. (2019).

Book Proposal Review, Routledge. (2016).

Manuscript Reviewer, Journal of American Water Resources. (2016).

Manuscript Reviewer, The Southwestern Geographer. (2014).

Manuscript Reviewer, Ecological Applications. (2012).

Manuscript Reviewer, Geography Compass. (2012).

Co-Organizer, Field trip for Annual Binghamton Geomorphology Symposium. (2010).

Additional Comments: Co-organized and led a fieldtrip to Congaree National Park, South Carolina for the 41st Annual Binghamton Geomorphology Symposium hosted by Geography Department, University of South Carolina Columbia, with Kupfer, J.A. and Graf, W.L.

Book Proposal Review, Cambridge University Press. (2009).

Manuscript Reviewer, Southeastern Geographer. (2009).

Co-Organizer, Field trip for Annual Binghamton Geomorphology Symposium. (2006).

Additional Comments: Co-organized and hosted a field trip stop along the Congaree River, South Carolina for the 37th Annual Binghamton Geomorphology Symposium hosted by the Geography Department, University of South Carolina Columbia, Graf, W.L. and 740 Grad. Seminar

C. Community:

Member, San Marcos Greenbelt Alliance - Conservation and Fundraising Committee, San Marcos. (2020 - Present).

Member, Eyes of the San Marcos River. (2019 - Present).

Chair, River Guardianship Committee - Mermaid Society, San Marcos. (2018 - Present).

Member, San Marcos Greenbelt Alliance. (2018 - Present).

Additional Comments: I serve on the Conservation Committee (2021-present) and Fundraising Committee (2024-present)

Volunteer, Great Texas River Clean-Up, San Marcos. (2016 - Present).

Member, San Marcos Runners Club (SMRC). (2014 - Present).

Board Member, San Marcos River Foundation - Board President, San Marcos, TX. (January 2021 - August 2024).

Board Member, San Marcos Runners Club (SMRC). (2018 - 2020).

Co-Chair, River Guardianship Committee, Mermaid Society. (2017 - 2018).

Participant, River Sweep trash clean-up events. (2005 - 2011).

Volunteer, Congaree National Park, South Carolina. (2005 - 2011).
Additional Comments: assisted staff with citizen-scientist fieldtrips (hiking and kayaking) and data collection (butterfly, spider, and fish surveys)

Co-host, South Carolina ETV, hosted pilot nature show on Table Rock State Park and Jones Gap State Park, projected audience 5th-8th grade, South Carolina. (2005).

Member, Living Lab: 5th grade outdoor ecological science labs Hornsby Bend waste-water treatment facility, Hornsby Elementary, Del Valle, Texas. (2003).

Member, UT Environteering: 5th grade science labs, Riley Elementary School, Austin, Texas. (2002).

D. Organization Memberships:

River Management Society. (2023 - Present).

National Habitat Conservation Plan Coalition (NHCPC). (2020 - Present).

United States International Association of Landscape Ecologists (US IALE). (2010 - Present).

American Association of Geographers (AAG). (2002 - Present).

E. Service Honors and Awards:

Award / Honor Recipient: Richard Wayne Simmons Geography Advocate Award, Department of Geography and Environmental Studies.
2023

Award / Honor Nominee: San Marcos Women's Hall of Fame, City of San Marcos.
2023

Award / Honor Recipient: Queen of the River, Mermaid Society of San Marcos Texas.
2022

Award / Honor Recipient: College Achievement Award in Service, College of Liberal Arts, Texas State University.
2021

Award / Honor Recipient: Outstanding Service Award, Department of Geography, Texas State University.
2016

G. Service Professional Development Activities Attended:

Workshop, "Water Quality, Bacteria E-Coli R-Card Training," Meadows Center for Water and the Environment - Texas Stream Team, San Marcos, TX. (August 2024 - 2024).
20240924 Bacteria Field Guide-1.pdf
Additional Comments: Assisted with development of R-CARD training and testing manual.

Workshop, "Texas Stream Team, River Ranger Water Quality Training," San Marcos River Foundation, San Marcos. (2022).