

TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Dr. Kimberly M. Meitzen

Title: Assistant Professor

B. Educational Background

<i>Degree</i>	<i>Year</i>	<i>University</i>	<i>Major</i>	<i>Thesis/Dissertation</i>
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

<i>Position</i>	<i>University</i>	<i>Dates</i>
Assistant Professor	Texas State University	August 2013 - Present
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
GEOG201

University of South Carolina

September 2006 - December
2006

Research Assistant, River Research Group	University of South Carolina	May 2005 - May 2006
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

<i>Position</i>	<i>Entity</i>	<i>Dates</i>
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, University 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: 20i4 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 4314 - RIVER BASIN MGT
GEO 4316 - LANDSCP BIOGEOGPH
GEO 4325 - FLUVIAL PROCESSES

GEO 5199B - THESIS
GEO 5308 - REGIONAL FLD STUDY
GEO 5316 - APPLD PHYSCL GEO
GEO 5334 - APPL WATER RES
GEO 5335 - DIR RESEARCH
GEO 5390 - INDEPENDENT STUDY
GEO 5395 - PROB APPLIED GEO
GEO 5399A - THESIS
GEO 5399B - THESIS
GEO 7199A- 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 7999A- DISSERTATION
GEO 7999A-DISSERTN GEO EN GE
GEOL 1420 - HISTORICAL GEOLOGY
GEOL 4121 - DIRECTED STUDY

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

Supervisor / Chair, Master's Thesis, "Rainfall runoff modeling for Kissing Tree development, San Marcos, Texas", Status: In Progress. (December 2017 - Present).
Geography, Texas State University.
Student(s): Brittiny Kimmel-Moore, Graduate, MS.

Supervisor/ Chair, Master's Thesis, "Land use and land cover change in the Upper Guadalupe River Basin", Status: In Progress. (September 2017 - Present). Geography,
Texas State University.
Student(s): Tasnuva Uditia, Graduate, MS.

Supervisor/ Chair, Master's Thesis, "Coastal geomorphology", Status: In Progress. (2017 - Present). Geography, Texas State University.
Student(s): Sebastian Weinand, Graduate, MAG.

Supervisor / Chair, Master's Thesis, Status: In Progress. (September 2016 - Present).
Geography, Texas State University.
Student(s): Manning Aspen, Graduate, MS.

Member, Master's Thesis, "Hurricane Harvey Hec-Ras Modeling of Bayou Bay",
Status: In Progress. (2016 - Present). Geography, Texas State University.
Student(s): Joyce Chien, MAG.

Supervisor/ Chair, Master's Thesis, Status: In Progress. (2016 - Present). Geography,
Texas State University.
Student(s): Kyle Garmany, Graduate, MS.

- Member, Dissertation, "River Water Quality Relationships with Intense Land Cover Changes in New Zealand", Status: In Progress. (September 1, 2015 - Present). Geography, Texas State University.
Student(s): Ioannis Kamarinas, Doctoral.
- Member, Master's Thesis, "The Relationship Between Alligator Gar and Stage Dependent Inundation of Floodplain Habitat in the Lower Guadalupe River", Status: In Progress. (2015 - Present). Biology, Texas State University.
Student(s): Alison Tartar-Dennehey, Graduate.
- Member, Master's Thesis, "Hydrologic enforcement comparisons", 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, "A Spatial Analysis of River Fragmentation and Unionid Freshwater Mussel Distribution", Status: Completed. (September 1, 2013 -August 2017). Geography, Texas State University.
Student(s): Erin Dascher, Doctoral.
- 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, 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 the Manawatu Catchment, New Zealand", Status: Completed. (2015 - 2016). Geography, Texas State University.
Student(s): Samantha Abbott, Graduate.

Member, Master's Thesis, 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, "Comparative Study of Blanco River Valley Riparian Restoration Projects and Stakeholder Perspectives Following the 2015 Memorial Day Floods", Status: Completed. (September 1, 2015 - May 30, 2016). Geography, Texas State University.
Student(s): Andy Pinon, Undergraduate.

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, Status: Completed. (September 1, 2013 - May 30, 2014). Geography, Texas State University.
Student(s): Elizabeth Wren, Graduate, MAG.

Member, Master's Thesis, 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 3425: Geomorphology, Curriculum Development. Taught: 2018 - Present.

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

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

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

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

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

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

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.

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

1. Funded External Teaching Grants and Contracts:

2. Submitted, but not Funded, External 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 Extended Learning,
Texas State University, \$3,000.00. (Funded: 2017). Grant.

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

III. SCHOLARLY/CREATIVE

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

1. Books:

a. Scholarly Monographs:

b. Textbooks:

c. Edited Books:

d. Chapters in Books:

Refereed:

Julian, J.P., Podolak, C., Meitzen, K.M., Doyle, M.D., Manners, R., Hester, E.,
Ensign, S., and Wilgruber, N. 2016. Bio-hydro-geomorphic
Connections in Stream Channels, In *Stream Ecosystems in a Changing
Environment*, Eds. Jones, J. and Stanley, E., London Academic Press,
pp 85-133.

e. Creative Books:

2. Articles:

a. Refereed Journal Articles:

Meitzen, K. M. (2018). Floodplains. *Earth Systems and Environmental Science*.
Accepted / In Press.

Wohl, E., Brierley, G., Cadol, D., Coulthard, T.J., Covino, T., Fryers, K.A., Grant,
G., Hilton, R.G., Lane, S.N., Magilligan, F.J., Meitzen, K.M., Passalacqua,
P., Poepl, R.E., Rathburn, S.L., Sklar, L.E. 2018 (2018).
Connectivity as an Emergent Property of Geomorphic Systems, Earth
Surface Processes and Landforms. doi.org/10.1002/esp.4434

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.

- 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/10.1007/s00027-017-0555-y>
- 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.
- 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.
- Meitzen, K. M. (2016). Streamflow changes across North Carolina from 1955-2012 with implications for environmental flow management. *Geomorphology*. Published.
- 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.
- 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>
- 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/>
- Meitzen, K. M., Kupfer, J. A., & Pipkin, A. R. (2010). Controls of early post logging successional pathways in a southern floodplain forest. *Forest Ecology and Management*, *259*, 1880-1889.
- Meitzen, K. M. (2009). Lateral Chanel Migration Effects on Riparian Forest Structure and Composition, *Wetlands* *29*(2), 465--475.
- Meitzen, K. M. (2005). Overbank flooding and sedimentation patterns in a floodplain environment. *University of Texas Undergraduate Research Journal*, *4*(1), 34-47.

b. Non-refereed Articles:

3. Conference Proceedings:

a; Refereed Conference Proceedings:

b. Non-refereed:

4. Abstracts:

5. Reports:

Meitzen, K. M., Hardy, T., & Jensen, J. (2018). *Floodplain Inundation Analysis of the Lower Guadalupe River: Linking Hydrology and Floodplain-dependent Resources*.

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*.

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

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*.

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.

7. Essays:

8. Poems:

9. Short Stories:

10. Other Works in Print: Encyclopedia Entries:

Meitzen, K. M. (2017). Applied Geomorphology. In *The International Encyclopedia of 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>

Newspaper Articles:

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

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. 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. United States International Association of Landscape Ecologists (USIALE), Chicago, Illinois.

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 Francisco, 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 (USIALE) 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., 104th Annual Meeting of the Association of American Geographers, "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 Association of American Geographers, "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., 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., Bums, 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., Bums, 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).

3. Consultancies:

4. Workshops:

Meitzen, K. M., "Program in Excellence and Teaching and Learning." (2015).

Meitzen, K. M., "Geography Faculty Development Alliance (GFDA)." (2014).

Meitzen, K. M., "Ecological Limits of Hydrologic Alteration Workshop for Great Lakes Regions of New York and Pennsylvania." (2012).

Meitzen, K. M., "South Atlantic Landscape Conservation Cooperative (SALCC) Instream Flow Resource Workshop," Savannah, GA, United States. (2012).

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

5. Other Works not in Print:

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

b. Works "in progress":

Journal Articles:

Meitzen, K. M. (In Preparation; Not Yet Submitted). Legacy Remnants of a Forest of Giants: Density and Distribution Patterns of Selectively Logged Old-growth *Taxodium Distichum*. *For Submission to Forest Ecology and Management*.

Dascher, E. D., & Meitzen, K. M. (In Preparation; Not Yet Submitted). An Assessment of Spatial and Temporal Trends in Texas Dams. *For Submission to 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 Association of American Geographers, "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 Association of American Geographers, "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, "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:

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 - Present). 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 Dependent 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.

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

3. Funded Internal Grants and Contracts:

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:

D. Scholarly/ Creative Fellowships, Awards, Honors:

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:

IV. SERVICE

A. Institutional

1. University:

University Stakeholder Representative, Edwards Aquifer Habitat Conservation Plan. (2017 - Present).

2. College:

3. Department/School:

Chair, Diversity Committee. (2017 - Present).

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

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

Member, Diversity Committee. (2016).

Member, Texas Geography Student Research Symposium Committee, 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:

- Editor, *Geomorphology*, Book Review Editor. (December 2016 - Present).
- Organization Member, Steering Committee of the Binghamton Geomorphology Symposium, and symposium Co-Organizer. (2016 - Present).
- Manuscript Reviewer, *River Research and Applications*. (2014 - Present).
- Manuscript Reviewer, *Earth Surface Processes and Landforms*. (2013 - Present).
- Manuscript Reviewer, *Geomorphology*. (2012 - Present).
- 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).
- Binghamton Geomorphology Symposium Co-Organizer. (2010).
- Book Proposal Review, Cambridge University Press. (2009).
- Manuscript Reviewer, *Southeastern Geographer*. (2009).
- Binghamton Geomorphology Symposium Co-Organizer. (2006).

C. Community:

- Board Member, San Marcos Runners Club. (2018 - Present).
- Member, San Marcos Greenbelt Alliance. (2018 - Present).
- Co-Chair, River Guardianship Committee, Mermaid Society San Marcos Texas. (2017 - Present).
- Member, San Marcos River Foundation, San Marcos. (2017 - Present).
- Member, San Marcos Runners Club (SMRC). (2014- Present).
- Participant, River Sweep trash clean-up events. (2005 - 2011).
- Volunteer, Congaree National Park, South Carolina. (2005 - 2011).

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:

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

F. Service Grants and Contracts:

I. Funded External Service Grants and Contracts:

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

3. Funded Internal Service Grants and Contracts:

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

G. Service Professional Development Activities Attended: