TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Jason Julian Title: Program Faculty

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	2007	Univ North Carolina - Chapel Hill	Geography	
MS	2004	Univ of South Carolina Columbia	Geology	
BS	2001	Univ of South Carolina Columbia	Geography	

C. University Experience

Position	*University*	*Comments*	*Dates*
Professor, Geography and Environmental Studies	Texas State University. San Marcos, TX, United States		2018 - Present
Associate Professor	Texas State University		2013 - 2018
Assistant Professor	University of Oklahoma		2009 - 2013
Assistant Research Scientist	Univ. of MD Center for Env. Sci		2007 - 2008

II. TEACHING

A. Teaching Honors and Awards:

Award / Honor Recipient: Alumni Association Teaching Award of Honor, Texas State University.
January 1, 2020 - December 31, 2020

Award / Honor Recipient: Alpha Chi Favorite Professor, Texas State University.
2016

B. Courses Taught:

Texas State University:

GEO 3325 - GEOMORPHOLOGY

GEO 3425 - GEOMORPHOLOGY

GEO 3434 - WATER RESOURCES

GEO 4314 - RIVER BASIN MANAGEMENT

GEO 4326 - PARKS & PROTECTED PLACES

GEO 4390 - INDEPENDENT STUDY

GEO 5199B - THESIS

GEO 5299B - THESIS

GEO 5326 - PARKS & PROTECTED PLACES

GEO 5326 - PARKS & PRTCD PLCS

GEO 5334 - APPL WATER RES

GEO 5335 - DIR RESEARCH

GEO 5335 - DIRECTED RESEARCH

GEO 5335 - PROFESSIONAL PROJECT

GEO 5390 - INDEPENDENT STUDY

GEO 5395 - PROB APPLIED GEO

GEO 5399A - THESIS

GEO 5399B - THESIS

GEO 5999B - THESIS

GEO 7190 - INDEPENDENT STUDY

GEO 7199A - DISSERTATION

GEO 7199C - DISSERTATION

GEO 7290 - INDEPENDENT STUDY

GEO 7313 - ENVIRONMENT SYSTEMS

GEO 7334 - GEO ASPECTS WATER

GEO 7390 - INDEPENDENT STUDY

GEO 7393J - SOIL AND SOCIETY

GEO 7399A - DISSERTATION

GEO 7399C - DISSERTATION

GEO 7399C - DISSERTN GEO GIS

GEO 7699A - DISSERTATION

GEO 7999A - DISSERTATION

GEO 7999A - DISSERTN GEO EN GE

GEO 7999C - DISSERTATION

GEO 7999C - DISSERTN GEO GIS

SUST 5398 - PROFESSIONAL PROJECT

SUST 5399A - THESIS

University of Oklahoma:

GEOG 1114: Introduction to Physical Geography

GEOG 3023: Principles of Physical Geography

GEOG 3890/5990: Soil and Society

GEOG 4203/5203: Geomorphology

GEOG 5113: Quantitative Methods and Geographical Research

GEOG 5623: GIS Design Seminar

GEOG 6210: Large-scale Ecosystem Restoration

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

Supervisor / Chair, Dissertation, Status: In Progress. (August 2025 - Present).
Student(s): Fatema Tarin, Doctoral, PhD Geography.

Supervisor / Chair, Dissertation, Status: In Progress. (August 2023 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Anupa Bhatta, Doctoral, Geography.

Supervisor / Chair, Master's Thesis, "Rectifying a River: A Critical Case Study of Engineering Control on the Rio Grande in El Paso, Texas", Status: Completed. (August 2024 - May 2026).
Student(s): Adriana Montoya, Graduate, MS.

Supervisor / Chair, Master's Thesis, "The Land-Water Nexus in South-Central Texas: An Analysis of Historical and Future Land Use and Water Use", Status: Completed. (August 2024 - May 2026).
Student(s): Elizabeth Kubacki, Graduate, MS.

Member, Applied Research Project, "EXAMINING THE INFLUENCE OF LEVEL OF HUMAN INTERVENTION, OR NATURALNESS, ON THE PARK PREFERENCE OF TEXAS STATE UNIVERSITY STUDENTS IN SAN MARCOS, TEXAS USING AN IMAGE-CHOICE SURVEY", Status: Completed. (August 2025). Geography and Environmental Studies, Texas State University.
Student(s): John Killough, Graduate, Master of Applied Geography.

Supervisor / Chair, Applied Research Project, "Waterworks over Watersheds: Texas' Geography of Interbasin Water Transfers", Status: Completed. (August 2022 - May 2024).
Student(s): Sophia Staska, Graduate, MAG.

Supervisor / Chair, Dissertation, "DISTRIBUTIONS AND DEMANDS OF URBAN GREEN SPACES AND BLUE SPACES", Status: Completed. (August 2018 - May 2024). Geography and Environmental Studies, Texas State University.
Student(s): Raihan Jamil, Doctoral.

Supervisor / Chair, Master's Thesis, "Drought Dynamics in the Canadian River Basin, USA", Status: Completed. (August 2020 - December 2023). Geography and Environmental Studies, Texas State University.
Student(s): Priyanjali Bose, Graduate, MS.

Supervisor / Chair, Master's Thesis, "An Analysis of the Effects of Distance, Activities, and Amenities on Texas State Parks Visitation", Status: Completed. (August 2021 - May 2023). Sustainability.
Student(s): Hannah Johnson, Graduate, MAG.

Supervisor / Chair, Master's Thesis, "A BROADER VIEW OF CONSERVATION: MAPPING NATURE AND CULTURE IN GILLESPIE COUNTY, TEXAS", Status: Completed. (2020 - May 2023). Geography and Environmental Studies, Texas State University.
Student(s): Joanna Weathersby, Graduate, MS.

Supervisor / Chair, Honor's Thesis, "Tex-essibility: An Analysis of Accessibility in Texas State Parks", Status: Completed. (May 2022). Geography and Environmental Studies, Texas State University.
Student(s): Isabelle Habegger, Undergraduate, BS Honors.

Supervisor / Chair, Master's Thesis, "Blue Index San Marcos: Assessing Emotional Experiences, Values, and Patterns of Use of Waterscapes in San Marcos, Texas", Status: Completed. (May 2022). Geography and Environmental Studies.
Student(s): Madeline Wade, Graduate, MS.

Supervisor / Chair, Applied Research Project, "Spatiotemporal river use patterns and implications for Texas wild-rice distribution in the San Marcos River (Texas, USA) for Summer 2016", Status: Completed. (May 2021). Geography, Texas State University.
Student(s): Elizabeth Davila, Graduate, MAG.

Supervisor / Chair, Dissertation, "Community Geography, Place Identity, Environmental Stewardship: What Motivates Volunteerism at Environmental Nonprofit Organizations?", Status: Completed. (August 2017 - May 2021). Geography, Texas State University.
Student(s): Christina Lopez, Doctoral, PhD.

Supervisor / Chair, Applied Research Project, "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. (December 2020). Geography, Texas State University.
Student(s): Aaron Raper, Graduate, MAG.

Supervisor / Chair, Master's Thesis, "Geospatial analyses of terrestrial-aquatic connections across New Zealand and their influence on river water quality", Status: Completed. (August 2020). Civil Engineering, Texas State University.
Student(s): Imokhai Tenebe, Graduate, MS.

Member, Dissertation, "The Anthropogeomorphic Impacts of Camping Activities on Zoogeomorphological Processes and Activity in the Kuwait Desert", Status: Completed. (2013 - 2019).
Student(s): Faisal Anzah, Doctoral, PhD.

Member, Master's Thesis, "RIPARIAN FOREST RECOVERY FOLLOWING A CATASTROPHIC FLOOD ON THE BLANCO RIVER, TEXAS", Status: Completed. (2016 - 2018).
Student(s): Aspen Manning, Graduate, MS.

Supervisor / Chair, Dissertation, "GEOSPATIAL ANALYSES OF TERRESTRIAL-AQUATIC CONNECTIONS ACROSS NEW ZEALAND AND THEIR INFLUENCE ON RIVER WATER QUALITY", Status: Completed. (2013 - 2018). Geography, Texas State University.
Student(s): Ioannis Kamarinas, Doctoral, PhD.

Supervisor / Chair, Applied Research Project, "Demographic Usage Patterns of Purgatory Creek Park, San Marcos, TX", Status: Completed. (2015 - 2017). Geography, Texas State University.
Student(s): Mike Kraft, Graduate, MAG.

Supervisor / Chair, Master's Thesis, "Protecting water quality and connecting protected places in Texas using riparian connectivity networks", Status: Completed. (2015 - 2017). Geography, Texas State University.
Student(s): Grant Moss, Graduate, MS.

Member, Master's Thesis, Status: Completed. (2015 - 2017). Geography, Texas State University.
Student(s): John Phillips, Graduate, MS.

Member, Dissertation, Status: Completed. (2014 - 2017). Geography, Texas State University.
Student(s): Erin Dascher, Doctoral, PhD.

Member, Dissertation, Status: Completed. (2013 - 2017). Geography, Texas State University.
Student(s): Brendan Lavy, Doctoral, PhD.

Supervisor / Chair, Master's Thesis, "Historical Riparian Habitat Changes of an Endangered Bird Species: Interior Least Terns along the Red River below Denison Dam", Status: Completed. (2013 - 2017). Geography, Texas State University.
Student(s): Kristen Newcomer, Graduate, MS.

Member, Master's Thesis, Status: Completed. (2016). Geography, Texas State University.
Student(s): Brittany Legg, Graduate.

Supervisor / Chair, Master's Thesis, "Leveraging data mining and market segmentation to gain conservation opportunity intelligence", Status: Completed. (2015 - 2016). Geography, Texas State University.
Student(s): Matt Heinemann, Graduate, MS.

Member, Master's Thesis, Status: Completed. (2014 - 2016). Geography, Texas State University.
Student(s): David Szpakowski, Graduate, MS.

Supervisor / Chair, Master's Thesis, "Cross-scale interactions among land use, climate and river sediment loads in the Manawatu Catchment, New Zealand", Status: Completed. (2014 - 2016). Geography, Texas State University.
Student(s): Samantha Abbott, Graduate, MS.

Member, Dissertation, Status: Completed. (2013 - 2016). Geography, Texas State University.
Student(s): Bill Adams, Doctoral.

Member, Dissertation, Status: Completed. (2015). Biology, University of Oklahoma.

Student(s): Jessica Beyer, Doctoral.

Member, Master's Thesis, Status: Completed. (2015). Agriculture Education, Texas State University.
Student(s): Jessica Espinoza, Graduate.

Member, Dissertation, Status: Completed. (2009 - 2015). Environmental Engineering, University of Oklahoma.
Student(s): Russell Dutnell, Doctoral.

Member, Dissertation, Status: Completed. (2014). Geography, University of Oklahoma.
Student(s): Dong Yan, Doctoral.

Member, Dissertation, Status: Completed. (2014). Zoology, University of Oklahoma.
Student(s): Pascal Irmscher, Doctoral.

Supervisor / Chair, Master's Thesis, "Development of a spatially-explicit approach for identifying priority sites for low impact development in a mixed-use watershed", Status: Completed. (2014). University of Oklahoma.
Student(s): Chelsea Martin-Mikle, Doctoral.

Supervisor / Chair, Master's Thesis, "Land cover change impacts on stream channel loss", Status: Completed. (2014). University of Oklahoma.
Student(s): Nick Wilgruber, Doctoral.

Member, Dissertation, Status: Completed. (2013). Zoology, University of Oklahoma.
Student(s): Carla Atkinson, Doctoral.

Supervisor / Chair, Dissertation, "Environmental influences on past and future urban development in the Arkansas-Red River Basin (USA), 1857-2050", Status: Completed. (2013). University of Oklahoma.
Student(s): Rana N. Jawarneh.

Supervisor / Chair, Dissertation, "Landscape heterogeneity and spatio-temporal resolution considerations for mapping land cover changes", Status: Completed. (2013). University of Oklahoma.
Student(s): Trung V. Tran.

Member, Master's Thesis, Status: Completed. (2013). Geography, University of Oklahoma.
Student(s): Ahren Wardwell, Graduate.

Member, Dissertation, Status: Completed. (2012). Geography, University of Oklahoma.
Student(s): Melissa Hinten, Doctoral.

Supervisor / Chair, Dissertation, "Satellite remote sensing and hydrologic modeling for flood monitoring in data poor environments", Status: Completed. (2011). University of Oklahoma.
Student(s): Sadiq Khan.

Member, Master's Thesis, Status: Completed. (2011). Geography, University of Oklahoma.
Student(s): Katherine Ewing, Graduate.

Member, Dissertation, Status: Completed. (2010). Geography, University of Oklahoma.
Student(s): Muhammed Rahman, Doctoral.

D. Courses Prepared and Curriculum Development:

GEOG 3890/5990: Soil and Society, First Time Course Preparation, University of Oklahoma. Taught: 2015.

GEOG 4203/5203: Geomorphology, First Time Course Preparation, University of Oklahoma. Taught: 2015.

GEOG 5623: GIS Design Seminar, First Time Course Preparation, University of Oklahoma. Taught: 2015.

GEOG 6210: Large-scale Ecosystem Restoration, First Time Course Preparation, University of Oklahoma. Taught: 2015.

Soil & Society (GEO 7393j), New Course, Texas State University. Taught: 2015.

F. Other:

Co-advisor, Water Resources Major. (2013 - Present).
Additional Comments: I am one of the two Major Advisors for the Water Resources B.S. degree. In this role, I advise approximately a dozen undergraduate students each year on course selections, student exchanges, internships, and career decisions. I do not receive assigned time for these duties.

Field Trips Developed, “Aeolian Geomorphology of Western Oklahoma” for GEOG 4203/5203, University of Oklahoma. (1925).

Field Trips Developed, “Soil Conservation & Sustainable Agriculture at Heirloom Blooms” for GEO 7393j, Texas State University. (1925).

Field Trips Developed, “The Geomorphology of Enchanted Rock and Pedernales Falls” for GEO 3325, Texas State University. (1925).

Field Trips Developed, “The Geomorphology of Wichita Mountains” for GEOG 4203/5203, University of Oklahoma. (1925).

Field Trips Developed, “The Soils Landscape of Oliver’s Woods” for GEOG 3890/5990, University of Oklahoma. (1925).

Student Accomplishments:

Award:

Supervisor, ESRI Graduate Award for Excellence in GIS. (2017).
Student(s): Ioannis Kamarinas, Doctoral.

Mentor, 2nd place Student Paper Competition. "Social Demand for Urban Wilderness," Southwest Division of the American Association of Geographers annual meeting, Huntsville, TX. Status: Completed. (October 2017). Geography.
Student(s): Shadi Maleki, Doctoral, PhD.

Supervisor, 3rd place Poster at SWAAG conference. (2016). Texas State University.
Student(s): Grant Moss, Graduate.

Supervisor, 2nd place Paper at SWAAG conference. (2016). Texas State University.
Student(s): Ioannis Kamarinas, Doctoral.

Fellowship:

Supervisor, Graduate Merit Fellowship. (2015). Texas State University.
Student(s): Samantha Abbott, Graduate.

Supervisor, OU Foundation Fellowship. (2014). University of Oklahoma.
Student(s): Nick Wilgruber, Graduate.

Supervisor, OU Foundation Fellowship. (2014). University of Oklahoma.
Student(s): Chelsea Martin-Mikle, Graduate.

Supervisor, Green Infrastructure Site Location Decision Support Tool. NNEMS Fellowship, Environmental Protection Agency. (2014). Texas State University.
Student(s): Chelsea Martin-Mikle, Graduate.

Supervisor, Green Infrastructure Site Location Decision Support Tool, NNEMS Fellowship, Environmental Protection Agency. (2014). Texas State University.
Student(s): Nick Wilgruber, Graduate.

Grant:

Supervisor, San Marcos Greenbelt Alliance Student Research Grant. "Urban Greenspace Distribution and Connectivity: A Case Study of San Marcos, Texas (USA)." (2020).
Student(s): Raihan Jamil, Doctoral, PhD.

Paper:

Supervisor, 1st place Paper at SWAAG conference. (2015). Texas State University.
Student(s): Kristen Newcomer, Doctoral.

Supervisor, 1st place Paper at SWAAG conference. (2015). Texas State University.
Student(s): Ioannis Kamarinas, Doctoral.

Published Work:

Mentor, Peer-reviewed journal article. "Riparian vegetation as an indicator of stream channel presence and connectivity in arid environments," Journal of Arid Environments. (2020).
Student(s): Aspen Manning.

Supervisor, Peer-reviewed publication in the journal Geomorphology. "State-shifting at the edge of resilience: river suspended sediment responses to land use change and extreme storms." Status: Completed. (2018).
Student(s): Samantha Abbott, Graduate, MS.

Mentor, Ecosystem services and damage costs of federal lands: Case study of Gila National Forest, USA. "Peer-reviewed publication in the journal Southwestern Geographer." Status: Completed. (2018).
Student(s): Aspen Manning, Graduate, MS.

Supervisor, Peer-reviewed publication in the journal Water. "Nonlinear changes in land cover and sediment runoff in a New Zealand catchment dominated by plantation forestry and livestock grazing." (2016).
Student(s): Ioannis Kamarinas, Doctoral.

Mentor, Peer-reviewed publication in the journal Papers in Applied Geography. "The impact of past and future urban expansion on soil resources in central Arkansas (USA)." (2016).
Student(s): Brendan Lavy, Doctoral.

Supervisor, Peer-reviewed publication in the journal International Journal of Applied Earth Observation and Geoinformation. "Monitoring forest disturbances in southeast Oklahoma using Landsat and MODIS images." (2016).
Student(s): Trung Tran, Doctoral.

Scholarship:

Supervisor, P.E.O. Scholar Award. (2020).
Student(s): Christina Lopez, Doctoral, PhD.

Supervisor, GTU Geography Scholarship. (2017).
Student(s): Jeanett Bosarge, Graduate.

Supervisor, Mao-Geng Zhan Scholarship for Academic Excellence. (2017).
Student(s): Ioannis Kamarinas, Doctoral.

Supervisor, Celebrity Classic Endowed Scholarship. (2016). Texas State University.
Student(s): Jeanett Bosarge, Graduate.

Supervisor, Jeffries Family Scholarship. (2016). Texas State University.
Student(s): Ioannis Kamarinas, Doctoral.

Supervisor, Don and Reba Blaschke Endowed Scholarship. (2016). Texas State University.
Student(s): Graham Daly, Doctoral.

Supervisor, The Graduate College Scholarship – Liberal Arts. (2016). Texas State University.
Student(s): Jeanett Bosarge, Graduate.

Supervisor, Joe and Jerry Moore Scholarship in Water Resources. (2015). Texas State University.
Student(s): Samantha Abbott, Graduate.

III. SCHOLARLY/CREATIVE

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

1. Books:

d. Chapters in Books:

Refereed:

Riggsbee, J. A., Doyle, M. W., Julian, J. P., Manners, R., Muehlbauer, J. D., Sholtes, J., & Small, M. J. (2013). Influence of Aquatic and Semi-Aquatic Organisms on Channel Forms and Processes. In J. F. Shroder & E. Wohl (Eds.), *Treatise on Geomorphology* (Vol. 9, pp. 189–202). San Diego: Fluvial Geomorphology.

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

Maleki, S., Julian, J. P., Weaver, R. C., Lopez, C. W., & Kraft, M. P. (2022). Social Demand for Urban Wilderness in Purgatory. In *Human-Nature Interactions: Exploring Nature's Values Across Landscapes* (pp. 247–260). Springer Nature.

Julian, J. P. (2019). Old forts and new amenities in the Southern Plains. In *Collateral Values: The Natural Capital Created by Landscapes of War* (pp. 77–109). Springer.

Castro, A., Julian, J. P., Vaughn, C. C., Martin-Mikle, C., & Quintas-Soriano, C. (2018). Ecosystem services across U.S. watersheds: a meta-analysis of studies 2000-2014. In *Ecosystem Services and Global Ecology* (pp. 81–101). London, UK: InTech. https://doi.org/10.5772/intechopen.76650 https://www.intechopen.com/books/ecosystem-services-and-global-ecology/ecosystem-services-across-us-watersheds-a-meta-analysis-of-studies-2000-2014

Julian, J. P., Podolak, C. J., Meitzen, K. M., Doyle, M. W., Manners, R. B., Hester, E., … Wilgruber, N. (2016). Shaping the physical template: Biological, hydrological, and geomorphic connections in stream channels. In J. B. Jones & E. H. Stanley (Eds.), *Streams in a Changing Environment* (pp. 85–133).

Castro, A. J., Vaughn, C. C., Julian, J. P., Garcia-Llorente, M., & Bowman, K. N. (2015). Social Perception and Supply of Ecosystem Services: A Watershed Approach for Carbon Related Ecosystem Services. In J. A. Blanco (Ed.), *Biodiversity in Ecosystems: Linking Structure and Function*. InTech. Retrieved from http://www.intechopen.com/books/biodiversity-in-ecosystems-linking-structure-and-function http://www.intechopen.com/books/biodiversity-in-ecosystems-linking-structure-and-function

e. Creative Books:

Julian, J. P. (2026). *Stepping Outside: Nature and Society in Texas State Parks*. College Station, TX, USA: Texas A&M University Press.

2. Articles:

a. Refereed Journal Articles:

Staska, S., Julian, J. P., Mace, R. E., & Votteler, T. H. (Accepted / In Press). Waterworks over watersheds: Texas's Geography of Transwatershed and Interbasin Transfers. *Texas Water Journal*.

Weathersby, J. M., & Julian, J. P. (2025). A Broader View of Conservation: Mapping Nature and Culture of Working Lands in the Texas Hill Country. *Land*, *14*. Published. https://doi.org/10.3390/land14050991 https://doi.org/10.3390/land14050991

Jamil, R., Julian, J. P., & Steele, M. K. (2025). Vegetation Structure and Distribution Across Scales in a Large Metropolitan Area: Case Study of Austin MSA, Texas, USA. *Geographies*, *5*(1).

https://doi.org/10.3390/geographies5010011
https://doi.org/10.3390/geographies5010011

Julian, J. P., Stuhldreher, C., & Wade, M. (2024). What is Relatively Permanent? Flow regimes of Arizona streams within the context of the 2023 Conforming Rule on the Revised Definition of "Waters of the United States." *Water*, *16*(18). https://doi.org/10.3390/w16182641
https://doi.org/10.3390/w16182641

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

Wade, M. T., Julian, J. P., Jeffery, K. S., & Davidson, S. M. (2023). A participatory approach to assess social demand and value of urban waterscapes: A case study in San Marcos, Texas, USA. *Land*, *12*(6). https://doi.org/https://doi.org/10.3390/land12061137

Lopez, C. W., Wade, M. T., & Julian, J. P. (2023). Nature-human relational models in a riverine social-ecological system: San Marcos River, Texas, USA. *Geographies*, *3*, 197–245. https://doi.org/doi.org/10.3390/geographies3020012
https://doi.org/10.3390/geographies3020012

Tenebe, I. T., Julian, J. P., Emenike, P. C., & Dede-Bamfo, N. (2023). Multi-dimensional surface water quality analyses in the Manawatu River Catchment, New Zealand. *Water*, *15*. Published. https://doi.org/https://doi.org/10.3390/w15162939

Ordway, E. M., Elmore, A. J., Kolstoe, S., Quinn, J. E., Swannick, R., Cattau, M., … W, C. (2021). Leveraging the NEON Airborne Observation Platform for socio-environmental systems research. *Ecosphere*, *12*(6).

Misiune, I., Julian, J. P., & Veteikis, D. (2021). Pull and push factors for use of urban green spaces and priorities for their ecosystem services: Case study of Vilnius, Lithuania. *Urban Forestry & Urban Greening*, *58*. Published. https://doi.org/10.1016/j.ufug.2020.126899
https://www.sciencedirect.com/science/article/pii/S1618866720307160?via%3Dihub

Manning, A. B., Julian, J. P., & Doyle, M. W. (2020). Riparian vegetation as an indicator of stream channel presence and connectivity in arid environments. *Journal of Arid Environments*, *178*, 1–17. https://doi.org/10.1016/j.jaridenv.2020.104167
https://www.sciencedirect.com/science/article/pii/S0140196320300719?via%3Dihub

Julian, J. P., & Weaver, R. C. (2019). Demand for Stream Mitigation in Colorado, USA. *Water*, *11*(1), 174. https://doi.org/10.3390/w11010174 https://doi.org/10.3390/w11010174

Manning, A., & Julian, J. P. (2018). Ecosystem services and damage costs of federal lands: Case study of Gila National Forest, USA. *Southwestern Geographer*, *21*, 1.

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

Castro, A., & Julian, J. P. (2018). Applying place-based social-ecological research to address water scarcity: Insights for future research. *Sustainability*, *10*(5). https://doi.org/10.3390/su10051516 https://www.mdpi.com/2071-1050/10/5/1516

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

Julian, J. P., Daly, G., & Weaver, R. C. (2018). University students' social demand of a blue space and the influence of life experiences. *Sustainability*, *10*(9). https://doi.org/10.3390/su10093178 https://www.mdpi.com/2071-1050/10/9/3178

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

Julian, J. P., de Beurs, K., Owsley, B., Davies-Colley, R., & Ausseil, A.-G. (2017). River water quality changes in New Zealand over 26 years: Response to land use intensity. *Hydrology & Earth System Sciences*, *21*, 1149–1171.

De Beurs, K. M., Owsley, B. C., & Julian, J. P. (2016). Disturbance analyses of forests and grasslands with MODIS and Landsat in New Zealand. *International Journal of Applied Earth Observation and Geoinformation*, *45*, 42–54.

Tran, T. V., de Beurs, K. M., & Julian, J. P. (2016). Monitoring forest disturbances in southeast Oklahoma using Landsat and MODIS images. *International Journal of Applied Earth Observation and Geoinformation*, *44*, 42–54.

Kamarinas, I., Julian, J. P., Hughes, A., Owsley, B., & de Beurs, K. (2016). Nonlinear changes in land cover and sediment runoff in a New Zealand

catchment dominated by plantation forestry and livestock grazing. *Water*, *8*(10).

Castro, A. J., Vaughn, C. C., Julian, J. P., & Garcia-Llorente, M. (2016). Social demand for ecosystem services and implications for watershed management. *Journal of American Water Resources Association*, *52*(1), 209–221.

Lavy, B. L., Julian, J. P., & Jawarneh, R. N. (2016). The impact of past and future urban expansion on soil resources in central Arkansas (USA). *Papers in Applied Geography*, *2*(1), 25–39.

Castro, A. J., Vaughn, C., Julian, J. P., & Garcia-Llorente, M. (2016). Willingness to pay for ecosystem services among stakeholder groups in a South-Central U.S. watershed with regional conflict. *Journal of Water Resources Planning and Management*, *142*(9), 10.1061/(ASCE)WR.1943–5452.0000671, 05016006. https://doi.org/10.1061/(ASCE)WR.1943-5452.0000671

Vaughn, C. C., Atkinson, C. L., & Julian, J. P. (2015). Drought-induced changes in flow regimes lead to long-term losses in mussel-provided ecosystem services. *Ecology and Evolution*, *5*(6), 1291–1305.

Martin-Mikle, C. J., de Beurs, K. M., Julian, J. P., & Mayer, P. M. (2015). Identifying priority sites for low impact development (LID) in a mixed-use watershed. *Landscape and Urban Planning*, *140*, 29–41.

Gates, K. K., Vaughn, C. C., & Julian, J. P. (2015). Incorporating species traits in a guild approach for developing freshwater mussel environmental flow recommendations. *Freshwater Biology*, *60*, 620–635.

Gates, K., Vaughn, C., & Julian, J. P. (2015). Incorporating species traits in a guild approach for developing freshwater mussel environmental flow recommendations. *Freshwater Biology*, *60*, 620–635.

Julian, J. P., WIlgruber, N. A., de Beurs, K. M., Mayer, P. M., & Jawarneh, R. N. (2015). Long-term impacts of land cover changes on stream channel loss. *Science of the Total Environment*, *537*, 399–410.

Jawarneh, R. N., Julian, J. P., & Lookingbill, T. R. (2015). Physiography influences on historical and future land development changes: A case study of central Arkansas (USA), 1857-2030. *Landscape and Urban Planning*, *143*, 76–89.

Julian, J. P., & Gardner, R. H. (2014). Land cover effects on runoff patterns in eastern Piedmont (USA) watersheds. *Hydrological Processes*, *28*, 1525–1538.

Tran, T. V., Julian, J. P., & de Beurs, K. M. (2014). Land cover heterogeneity effects on sub-pixel and per-pixel classifications. *International Journal of Geo-Information*, *3*(2), 540–553.

Atkinson, C. L., Julian, J. P., & Vaughn, C. C. (2014). Species and function lost: role of drought in structuring stream communities. *Biological Conservation*, *176*, 30–38.

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Elmore, A. J., Julian, J. P., Guinn, S. M., & Fitzpatrick, M. C. (2013). Potential stream density in Mid-Atlantic U.S.watersheds. *PLoS ONE*, *8*(8). https://doi.org/10.1371/journal.pone.0074819

Powers, S. M., Julian, J. P., Doyle, M. W., & Stanley, E. H. (2013). Retention and transport of nutrients in a mature agricultural impoundment. *Journal of Geophysical Research: Biogeosciences*, *118*. Published. https://doi.org/10.1029/2012JG002148

Julian, J. P., Elmore, A. J., & Guinn, S. M. (2012). . Channel head locations in forested watersheds across the Mid-Atlantic United States: A physiographic analysis. *Geomorphology*, *177*. Published.

Jawarneh, R. N., & Julian, J. P. (2012). Development of an accurate fine-resolution land cover timeline: Little Rock, Arkansas, USA (1857 - 2006). *Applied Geography*, *35*. Published.

Julian, J. P., Thomas, R. E., Said, S., Hoagland, B. W., & Tarhule, A. (2012). Historical variability and feedbacks among land cover, stream power, and channel geometry along the lower Canadian River floodplain in Oklahoma. *Earth Surface Processes and Landforms*, *37*. Published. https://doi.org/10.1002/esp.2272

Atkinson, C. L., Julian, J. P., & Vaughn, C. C. (2012). Scale-dependent longitudinal patterns in mussel communities. *Freshwater Biology*, *57*. Published.

Julian, J. P., Seegert, S. Z., Powers, S. M., Stanley, E. H., & Doyle, M. W. (2011). Light as a first-order control on ecosystem structure in a temperate stream. *Ecohydrology*, *4*. Published. https://doi.org/10.1002/eco.144

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Stanley, E. H., Riggsbee, J. A., Julian, J. P., Doyle, M. W., & Wetzel, R. G. (2007). Suspended sediment, dissolved organic carbon, and dissolved nitrogen export during the dam removal process. *Water Resources Research*, *43*. Published. https://doi.org/10.1029/2006WR005318

Julian, J. P., & Torres, R. (2006). Hydraulic erosion of cohesive riverbanks. *Geomorphology*, *76*. Published.

Doyle, M. W., & Julian, J. P. (2005). The most-cited works in Geomorphology. *Geomorphology*, *72*. Published.

4. Abstracts:

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.

5. Reports:

Julian, J. P. (2023). *Flow regimes of Arizona streams within the context of the relatively permanent standard: Technical Comments on the 2023 Conforming Rule on the Revised Definition of "Waters of the United States" for stream channels in Arizona*. Freeport-McMoRan.

Julian, J. P. (2022). *Significant nexus of ephemeral streams to foundational waters in the arid southwestern United States*. Freeport-McMoRan.

Vaughn, C. C., & Julian, J. P. (2013). *Incorporating Ecological Costs and Benefits into Environmental Flow Recommendations for Oklahoma Rivers*. *Oklahoma Water Resources Research Institute* (p. 38).

Julian, J. P., & Torres, R. (2004). *Hydrology and Geomorphology of Sand River, Aiken, SC*. *Hitchcock Woods Foundation* (p. 24).

6. Book Reviews:

Julian, J. P. (2017). *Journal of Historical Geography*.

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Julian, J. P., Daly, G., Weaver, R. C., Programme on Ecosystem Change and Society (PECS) 2nd annual meeting, "Cross-scale connections among stakeholders of freshwater ecosystem services in the San Marcos River watershed: A PECS WaterSES social-ecological system case study," Oaxaca, Mexico. (2017).

Julian, J. P., Binghamton Geomorphology Symposium, "State-shifting at the edge of resilience: River water quality responses to changes in land use intensity," San Marcos, TX, United States. (2017).

Kamarinas, I., Julian, J. P., Urban Riparian Symposium, "A New Methodology for Watershed-Scale Riparian Buffer Placement to Improve Water Quality: Palmerston North, New Zealand case-study," Houston, TX, United States. (2017).

Julian, J. P., Daly, G., Society for Freshwater Science annual meeting, "A river runs through it: San Marcos' (Texas, USA) growing demand for freshwater," Raleigh, NC, United States. (2017).

Quintas-Soriano, C., Julian, J. P., Natural Capital Symposium, "Investigating water scarcity and governance across social-ecological systems (WaterSES): a program on ecosystem change and society (PECS) perspective," Stanford University, Palo Alto, CA, United States. (2017).

Julian, J. P., de Beurs, K., Owsley, B., NASA Land Cover Land Use Change, Spring Science Team Meeting, "River water quality changes in New Zealand over 26 years: Responses to land management and land use intensity," Rockville, MD, United States. (2017).

Julian, J. P., American Association of Geographers annual meeting, "River water quality changes in New Zealand over 26 years: Responses to land use intensity," Boston, MA, United States. (2017).

Castro, A., Julian, J. P., Society for Freshwater Science annual meeting, "Water scarcity and governance across Social-Ecological Systems: a Program on Ecosystem Change and Society (PECS)," Raleigh, NC, United States. (2017).

Daly, G., Julian, J. P., Weaver, R., "A River Runs Through It: How Texas State University students use and value their San Marcos River," American Association of Geographers, San Francisco, CA. (2016).

Moss, G., Julian, J. P., "Connecting Protected Places in Texas using Riparian Conservation Networks," Southwest Division of the American Association of Geographers (SWAAG), Denton, TX. (2016).

de Beurs, K., Owsley, B., Julian, J. P., "Determining the Relative Roles of Climate and Land Use on Land Cover Changes in New Zealand," Southwest Division of the American Association of Geographers (SWAAG), Denton, TX. (2016).

Tran, T. V., de Beurs, K. M., Julian, J. P., "Monitoring Forest Disturbances in Southeast Oklahoma using Landsat and MODIS Images," American Association of Geographers, San Francisco, CA. (2016).

Kamarinas, I., Julian, J. P., "Nonlinear Relationships between Land Use/Cover Change and Sediment Runoff on an Intensively Managed Landscape," Southwest Division of the American Association of Geographers (SWAAG), Denton, TX. (2016).

Daly, G., Julian, J. P., Weaver, R., "Social Demand of a Blue Space: Use, Value, and Perceptions of the San Marcos River, Texas," Southwest Division of the American Association of Geographers (SWAAG), Denton, TX. (2016).

Julian, J. P., de Beurs, K., Owsley, B., Davies-Colley, R. J., "Spatiotemporal Connections between Land Use and River Water Quality across 77 Catchments in New Zealand over 26 years," Southwest Division of the American Association of Geographers (SWAAG), Denton, TX. (2016).

Julian, J. P., de Beurs, K., Owsley, B., Davies-Colley, R. J., "Spatiotemporal Connections between Land Use and River Water Quality across 77 Catchments in New Zealand over 26 years," Binghamton Geomorphology Symposium, Fort Collins, CO. (2016).

Julian, J. P., Kamarinas, I., de Beurs, K. M., Owsley, B. C., Davies-Colley, R. J., "Twenty-five years of changes in agricultural production, land use/cover, and river water quality in New Zealand," American Association of Geographers, San Francisco, CA. (2016).

Kamarinas, I., Julian, J. P., Owsley, B. C., de Beurs, K. M., "Using multi-resolution data to understand how land cover changes affect sediment runoff to rivers across multiple scales," American Association of Geographers, San Francisco, CA. (2016).

Daly, G., Julian, J. P., "A River Runs Through It: How Texas State University students use and value their San Marcos River," Southwest Division of the Association of American Geographers, San Antonio, TX. (2015).

Abbott, S., Julian, J. P., Kamarinas, I., Dymond, J., "Effects of land use and extreme precipitation on hillslope erosion and suspended sediment yields in the Manawatu River, New Zealand," Southwest Association of American Geographers, San Antonio, TX. (2015).

Abbott, S. K., Julian, J. P., Kamarinas, I., Dymon, J., Fall Meeting, "Effects of Land Use and Extreme Precipitation on Hillslope Erosion and Suspended Sediment Yields in the Manawatu River, New Zealand," American Geophysical Union, San Francisco, CA. (2015).

Julian, J. P., de Beurs, K. M., Owsley, B. C., Kamarinas, I., NASA Carbon Cycle & Ecosystems Joint Science Workshop, "Land Management Impacts on Water Quality in New Zealand across Political Boundaries," College Park, MD. (2015).

Kamarinas, I., Julian, J. P., "Mapping stream networks in New Zealand using climate, geology and source of flow," Southwest Association of American Geographers, San Antonio, TX. (2015).

Julian, J. P., Kamarinas, I., de Beurs, K. M., Owsley, B. C., Hughes, A., World Congress, "Shifting sediment runoff regimes in a New Zealand watershed resulting from land use and climate changes," International Association of Landscape Ecology, Portland, OR. (2015).

Julian, J. P., Kamarinas, I., de Beurs, K. M., Owsley, B. C., Davies-Colley, R. J., "Twenty-five years of changes in agricultural production, land use/cover, and river water quality in New Zealand," Southwest Association of American Geographers, San Antonio, TX. (2015).

Newcomer, K. B., Julian, J. P., Meitzen, K., "Using multi-resolution data to understand how land cover changes affect sediment runoff to rivers across multiple scales," Southwest Division of the Association of American Geographers, San Antonio, TX. (2015).

Owsley, B. C., de Beurs, K. M., Julian, J. P., Global Land Project, 2nd Open Science Meeting, "A fused disturbance model for land management analysis in New Zealand," Berlin, Germany. (2014).

Owsley, B. C., de Beurs, K. M., Julian, J. P., "A Unified Disturbance Analysis for Forests and Grasslands in New Zealand," Southwest Association of American Geographers, Albuquerque, NM. (2014).

Daly, G., Julian, J. P., "Changing Ecosystem Services in the Fastest Growing City in the Nation," Southwest Association of American Geographers, Albuquerque, NM. (2014).

Julian, J. P., Castro, A. J., Vaughn, C. C., Atkinson, C. L., "Effects of Drought and Water Resource Management on Biophysical and Sociocultural Ecosystem Services in South-Central United States," American Geophysical Union, San Francisco, CA. (2014).

Kamarinas, I., Julian, J. P., Owsley, B. C., de Beurs, K. M., Hughes, A., "Identifying Critical Source Areas of Sediment Runoff and their Effect on River Water Quality Using High-Resolution Spatio-Temporal Datasets," Southwest Association of American Geographers, Albuquerque, NM. (2014).

Wilgruber, N. A., Julian, J. P., de Beurs, K. M., Mayer, P. M., Society for Freshwater Science, "Land Cover Impacts on Stream Channel Loss in Central Oklahoma from 1874 to 2010," Joint Aquatic Sciences Meeting, Portland, OR. (2014).

Julian, J. P., de Beurs, K. M., Owsley, B. C., Kamarinas, I., NASA Land Cover Land Use Change, "Land Management Impacts on Water Quality in New Zealand across Political Boundaries," Spring Science Team Meeting, Rockville, MD. (2014).

Abbott, S. K., Kamarinas, I., Julian, J. P., Dymon, J., "Legacy Effects of Land Use and an Extreme Precipitation Event on River Sediment Loads in the Manawatu Catchment, New Zealand," Southwest Association of American Geographers, Albuquerque, NM. (2014).

Tran, T. V., Julian, J. P., de Beurs, K. M., "Monitoring and Classifying Forest Disturbances in Southeastern Oklahoma from 2000 to 2011 using High Spatiotemporal Resolution Imagery," Southwest Association of American Geographers, Albuquerque, NM. (2014).

Newcomer, K. B., Julian, J. P., Meitzen, K., "Spatiotemporal changes in Interior Least Tern sandbar habitat along the Red River below Denison Dam," Southwest Association of American Geographers, Albuquerque, NM. (2014).

Julian, J. P., Daly, G., Dascher, D. D., Espinoza, J. Y., Flores-Ortiz, H. W., Newcomer, K. B., "Water Resources and Protected Areas in the South-Central United States," Southwest Association of American Geographers, Albuquerque, NM. (2014).

Owsley, B. C., de Beurs, K. M., Julian, J. P., "A Unified Disturbance Analysis for Forests and Grasslands in New Zealand," AGU Fall Meeting, GC31A-0442. (December 17, 2014).

Kamarinas, I., Julian, J. P., Owsley, B. C., de Beurs, K. M., Hughes, A., "Assessing Landscape Connectivity and River Water Quality Changes Using an 8-day, 30-Meter Land Cover Dataset," AGU Fall Meeting, H31I-0755. (December 17, 2014).

Owsley, B. C., de Beurs, K. M., Julian, J. P., CaGIS/ASPRS, "A fused disturbance model for disaster assessment and planning," San Antonio, TX. (2013).

Martin-Mikle, C. J., de Beurs, K. M., Julian, J. P., Governor's Water Conference & OWRRI Water Research Symposium, "A Suite of GIS-Based Tools for Siting Low Impact Development in an Urban Watershed," Oklahoma Water Resources Research Institute, Midwest City, OK. (2013).

de Beurs, K. M., Owsley, B. C., Julian, J. P., Henebry, G. M., American Geophysical Union, "AVHRR, MODIS and Landsat time series for the monitoring of vegetation changes around the world," San Francisco, CA. (2013).

Tran, T. V., de Beurs, K. M., Julian, J. P., International Association of Landscape Ecology, "Detecting Rapid Forest Disturbance in a Mixed-forest Landscape: Southeast Oklahoma 2000-2011," Austin, TX. (2013).

Martin-Mikle, C. J., de Beurs, K. M., Julian, J. P., Mayer, P. M., American Geophysical Union, "Development of a Tool for Siting Low Impact Development in Urban Watersheds," San Francisco, CA. (2013).

Vaughn, C. C., Julian, J. P., Atkinson, C. L., Gates, K. K., Allen, D. C., Galbraith, H. C., Spooner, D. E., Governor's Water Conference & OWRRI Water Research Symposium, "Freshwater Mussels and Environmental Flows in Southeastern Oklahoma," Oklahoma Water Resources Research Institute, Midwest City, OK. (2013).

Vaughn, C. C., Julian, J. P., Oklahoma Water Resources Research Institute, "Incorporating ecological costs and benefits into environmental flow recommendations for Oklahoma rivers," Stillwater, OK. (2013).

Julian, J. P., Owsley, B. C., de Beurs, K. M., Kamarinas, I., Hughes, A., American Geophysical Union, "Interactive effects of climate and weekly land cover changes on water quality patterns in a subtropical catchment in New Zealand," San Francisco, CA. (2013).

Julian, J. P., Gardner, R. H., Water Forum III, "Land Cover Effects on Watershed Hydrologic Memory," Center for Integrated Earth System Science, Austin, TX. (2013).

Julian, J. P., de Beurs, K. M., Spring Science Team Meeting, "Land Management Impacts on Water Quality in New Zealand across Political Boundaries," NASA Land Cover Land Use Change, Rockville, MD. (2013).

Owsley, B. C., de Beurs, K. M., Julian, J. P., American Geophysical Union, "Landsat and MODIS fusion for disturbance analysis in New Zealand," San Francisco, CA. (2013).

Vaughn, C. C., Julian, J. P., Atkinson, C. L., Freshwater Mollusk Conservation Society, "Modeling the Relationship between Mussel Ecosystem Services and Environmental Flows," Guntersville, AL. (2013).

Vaughn, C. C., Julian, J. P., Atkinson, C. L., Society for Freshwater Science, "Modeling the Relationship between Mussel Ecosystem Services and Environmental Flows," Jacksonville, FL. (2013).

Martin-Mikle, C. J., Wilgruber, N. A., de Beurs, K. M., Julian, J. P., International Association of Landscape Ecology, "Riparian Buffer Siting Decision Support Tool for an Urban Watershed," Austin, TX. (2013).

Julian, J. P., International Association of Landscape Ecology, "Riparian land use and bio-hydro-geomorphic feedbacks along a large floodplain-river system in the Great Plains from 1820 to 2008," Austin, TX. (2013).

Wilgruber, N. A., Julian, J. P., de Beurs, K. M., Governor's Water Conference & OWRRI Water Research Symposium, "Stream Channel Burial in a Mixed Land-use Waershed: A Case Study of the Lake Thunderbird Watershed in Central Oklahoma from 1874 to 2010," Oklahoma Water Resources Research Institute, Midwest City, OK. (2013).

Wilgruber, N. A., Julian, J. P., de Beurs, K. M., Martin-Mikle, C. J., International Association of Landscape Ecology, "The evolving drainage network of urban watersheds: A case study of the Lake Thunderbird watershed in central Oklahoma from 1874 to 2010," Austin, TX. (2013).

Tran, T. V., Julian, J. P., de Beurs, K., Association of American Geographers, "Effects of Landscape Characteristics on the Accuracy of Subpixel Classification," New York, NY. (2012).

Julian, J. P., Gardner, R. H., American Geophysical Union, "Land Cover Effects on Watershed Runoff Patterns: A Regional Perspective using Power Spectral Analyses," San Francisco, CA. (2012).

Elmore, A. J., Julian, J. P., Guinn, S. M., Fitzpatrick, M. C., American Geophysical Union, "A river runs under it: Modeling the distribution of streams and stream burial in large river basins," San Francisco, MA. (2011).

Tran, T. V., Julian, J. P., Association of American Geographers, "A Subpixel Approach to Understand Land Cover Change in the Arkansas-Red River Basin," Seattle, WA. (2011).

Jawarneh, R. N., Julian, J. P., Association of American Geographers, "Environmental Influences on Past and Future Urban Development around Little Rock, Arkansas (USA) 1857-2050," Seattle, WA. (2011).

Elmore, A. J., Guinn, S. M., Julian, J. P., Weitzell, R., Northeastern and North-Central Joint Annual Meeting, "Headwater stream channel mapping and impact assessment in the Mid-Atlantic, USA," Geological Society of America, Pittsburgh, PA. (2011).

Vaughn, C. C., Julian, J. P., Atkinson, C. L., Allen, D. C., North American Benthological Society, "How do we quantify ecosystem services provided by freshwater mussels?," Providence, RI. (2011).

Vaughn, C. C., Julian, J. P., Atkinson, C. L., Ecological Society of America, "Incorporating ecological costs and benefits into environmental flow recommendations: Ecosystem services provided by freshwater mussels," Austin, TX. (2011).

Julian, J. P., Gardner, R. H., Association of American Geographers, "Land Cover Influences on Watershed Runoff Patterns," Seattle, WA. (2011).

Guinn, S. M., Fitzpatrick, M., Julian, J. P., Elmore, A. J., Maryland Water Monitoring Council, 17th Annual Meeting, "Mapping Headwater Streams in the Potomac River Basin," Baltimore, MA. (2011).

Julian, J. P., Elmore, A. J., Guinn, S. M., Fitzpatrick, M., Ecological Society of America, "Where do streams really begin?: An ecoregion perspective in the Mid-Atlantic U.S.," Austin, TX. (2011).

Julian, J. P., Association of American Geographers, "Shedding light upon landscape controls on primary productivity in rivers," Washington, DC. (2010).

Julian, J. P., Association of American Geographers, "Basin-scale consequences of agricultural land use on light availability and primary production in rivers," Las Vegas, NV. (2009).

Gardner, R. H., Julian, J. P., Elmore, A., Lookingbill, T., Potomac Monitoring Forum, "Assessing the Consequences of Land Use Change in the Upper Potomac," Metropolitan Washington Council of Governments, Berkeley Springs, WV. (2008).

Julian, J. P., Doyle, M. W., Association of American Geographers, "Basin-scale hydrogeomorphic controls on riverine light availability," Boston, MA. (2008).

Riggsbee, J. A., Julian, J. P., Doyle, M. W., Wetzel, R. G., Stream Restoration Design Symposium, "Dam Removal as River Restoration: Biological, Physical, and Chemical Responses," River Restoration Northwest, Stevenson, WA. (2007).

Riggsbee, J. A., Julian, J. P., Doyle, M. W., Wetzel, R. G., North American Benthological Society, 55th Annual Meeting, "Effects of Suspended Sediments on Downstream Biogeochemistry following Dam Removal," Columbia, SC. (2007).

Julian, J. P., Mid-Atlantic Stream Restoration Conference, "How wide does my channel need to be?: Incorporating bank shear stress into natural channel design," Canaan Valley Institute, Cumberland, MD. (2007).

Julian, J. P., Doyle, M. W., Stanley, E. H., North American Benthological Society, 55th Annual Meeting, "Light in Rivers: Hydrogeomorphic Controls and Spatial Trends," Columbia, SC. (2007).

Julian, J. P., Lookingbill, T., Elmore, A., Gardner, R. H., Maryland Water Monitoring Council, 13th Annual Meeting, "Potomac River Ecosystem Project: Basin-scale controls on ecosystem processes," Baltimore, MD. (2007).

Julian, J. P., Doyle, M. W., Stanley, E. H., American Geophysical Union, "BLAM (Benthic Light Availability Model): A proposed model of hydrogeomorphic controls on light in rivers," San Francisco, CA. (2006).

Julian, J. P., Riggsbee, J. A., Doyle, M. W., Stanley, E. H., Zahn, S. E., Binghamton Geomorphology Symposium, 37th International Meeting, "Hydro-geomorphic controls and anthropogenic influences on light availability in rivers," Columbia, SC. (2006).

Julian, J. P., Torres, R., Southeast Regional Stream Restoration Conference, "Predicting Erosion Rates of Cohesive Riverbanks," NC Stream Restoration Institute, Charlotte, NC. (2006).

Riggsbee, J. A., Julian, J. P., Doyle, M. W., Wetzel, R. G., Southeast Regional Stream Restoration Conference, "Sediment and nutrient fluxes following dam removal," NC Stream Restoration Institute, Charlotte, NC. (2006).

Riggsbee, J. A., Doyle, M. W., Julian, J. P., Wetzel, R. G., American Society of Civil Engineers, "Channel Adjustment and Riparian Zone Recovery Following the Removal of a Low-Head Dam in North Carolina," Watershed Management Conference, Williamsburg, VA. (2005).

Riggsbee, J. A., Wetzel, R. G., Doyle, M. W., Julian, J. P., Society of Wetland Scientists, 26th Annual Meeting, "Floodplain, Wetland, and Channel Biogeochemical Relationships following Dam Removal on a Coastal Plain River," Charleston, SC. (2005).

Julian, J. P., Torres, R., American Geophysical Union – North American Benthological Society, "Hydraulic Erosion of Cohesive Riverbanks in Response to Urban Runoff," New Orleans, LA. (2005).

2. Invited Talks, Lectures, and Presentations:

Julian, J. P., "River water quality changes in New Zealand over 26 years: Responses to land use intensity," South Dakota State University, Geospatial Sciences Center of Excellence, Brookings, SD, United States. (2017).

Julian, J. P., "River water quality changes in New Zealand over 26 years: Responses to land use intensity," U.S. Geological Survey, Center for Earth Resources Observation & Science (EROS), Sioux Falls, SD, United States. (2017).

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).

Julian, J. P., "River water quality changes in New Zealand over 26 years: Responses to land use intensity," Appalachian Laboratory, University of Maryland Center for Environmental Science, Frostburg, MD, United States. (2017).

Julian, J. P., Lincoln University, Department of Environmental Management. (2014).

Julian, J. P., Massey University, Institute of Agriculture & Environment. (2014).

Julian, J. P., National Institute of Water & Atmospheric Research, Hamilton, New Zealand. (2014).

Julian, J. P., Virginia Tech University, Department of Forest Resources & Environmental Conservation. (2014).

Julian, J. P., Texas State University, Geography Department. (2013).

Julian, J. P., University of North Texas, Department of Geography. (2013).

Julian, J. P., University of Oklahoma, Department of Geography & Environmental Sustainability. (2013).

Julian, J. P., Cawthron Institute, Nelson, New Zealand. (2012).

Julian, J. P., Horizons Regional Council, North Palmerston, New Zealand. (2012).

Julian, J. P., National Institute of Water & Atmospheric Research, Hamilton, New Zealand. (2012).

Julian, J. P., Texas State University, Geography Department. (2012).

Julian, J. P., University of Auckland, School of Environment. (2012).

Julian, J. P., University of Otago, Department of Zoology. (2012).

Julian, J. P., University of Waikato, Department of Biological Sciences. (2012).

Julian, J. P., Chesapeake Bay Laboratory, University of Maryland Center for Environmental Science. (2008).

Julian, J. P., Oklahoma State University, Department of Natural Resource Ecology and Management. (2008).

Julian, J. P., University of Oklahoma, Geography Department. (2008).

Julian, J. P., Appalachian Laboratory, University of Maryland Center for Environmental Science. (2007).

Julian, J. P., Horn Point Laboratory, University of Maryland Center for Environmental Science. (2007).

Julian, J. P., Shippensburg University, Geography and Earth Science Department. (2007).

Julian, J. P., University of North Carolina, Geography Department. (2007).

3. Consultancies:

Environmental impact mitigation, Riverbank Ecosystems, TX, United States. (2017 - Present).

Designated Waters of the U.S. assessment, Vinson & Elkins LLP, AZ, United States. (2014 - 2015).

River connectivity assessment for proposed dam removal, RiverBank Ecosystems, Austin, TX. (2014 - 2015).

Canadian River Boundary dispute, Tontz Law Firm, Norman, OK. (2011 - 2012).

San River Restoration Project, Hitchcock Woods, Aiken, SC. (2003 - 2004).

4. Workshops:

Julian, J. P., "Sandbar Summit," USGS Columbia Environmental Research Center, Columbia, MO. (2013).
Additional Comments: To develop model for Interior Least Tern habitat (organized by Robb Jackson)

Julian, J. P., "Potomac River Watershed Synthesis Meeting," University of Maryland Center for Environmental Science, Annapolis, MD. (2008).

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Elmore, Andrew (Principal), Percent Contribution: 100%, Julian, Jason Paul (Supporting). RCN: Patterns, Places, People: A network for scalable airborne observation of socio-environmental systems, NSF-Macrosystems, Federal, $500,000.00. (Funded: September 2021 - August 2026). Grant.

Steele, Meredith (Principal), Percent Contribution: 100%, Julian, Jason Paul (Co-Principal). Emergent urban nature networks and improving Hispanic representation in STEM, Virginia Tech University, Institutional (Higher Ed), $20,000.00. (Funded: December 2021 - August 2023). Grant.

Julian, Jason Paul (Principal), Percent Contribution: 100%. Hydrologic Connectivity in the Arid West, Freeport Minerals, Private / Foundation / Corporate, $53,704.00. (Funded: January 1, 2022 - July 30, 2023). Contract.

Banner, Jay (Principal), Julian, Jason Paul (Supporting). The New 100th Meridian: Urban Water Resiliency in a Climatic and Demographic Hot Spot, NSF-CNH, $499,923.00. (Funded: 2015 - 2020). Grant.

Julian, Jason Paul (Principal), Weaver, Russell Christopher (Co-Principal). Analysis of Demand for Stream Mitigation Credits in Colorado, Meridian Institute, Private / Foundation / Corporate, $63,287.00. (Submitted: 2017, Funded: 2017 - 2019). Grant.

Julian, Jason Paul (Principal), de Beurs, Kirsten M (Co-Principal), Weaver, Christopher (Co-Principal). Cross-scale Interactions among Climate Change, Land Use Change, and River Water Quality, National Science Foundation - GSS, $227,816.00. (Funded: 2014 - 2019). Grant.

Julian, Jason Paul (Principal), Percent Contribution: 100%. Identification of headwater streams in arid landscapes, Private / Foundation / Corporate, $72,382.00. (Funded: September 1, 2017 - June 30, 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.

Julian, Jason Paul (Principal), de Beurs, Kirsten M (Co-Principal). Land Management Impacts on Water Quality in New Zealand across Political Boundaries, NASA - Land Cover Land Use Change Program, $302,831.00. (Funded: 2013 - 2016). Grant.

Julian, Jason Paul (Principal). Influence of Catchment Characteristics and Land Use Change on Optical Water Quality in New Zealand Rivers, Fulbright Scholar Program, $20,000.00. (Funded: 2012). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Principal). Incorporating Ecological Costs and Benefits into Environmental Flow Recommendations for Oklahoma Rivers, Oklahoma Water Resources Research Institute, $75,000.00. (Funded: 2011 - 2012). Grant.

Julian, Jason Paul (Co-Principal), Kolar, Randall (Principal), Dutnell, Russell, Nairn, Robert, Vieux, Baxter. A Fluvial Geomorphic and Sediment Transport Study of the Little River Upstream of Lake Thunderbird Using an Acoustic Doppler Current Profiler, Oklahoma Water Resources Research Institute, $83,567.00. (Funded: 2010 - 2011). Grant.

Julian, Jason Paul (Co-Principal), Elmore, Andrew (Principal), Kaushal, Sujay. Investigating Impacts of Headwater Stream Burial during Development on Downstream Nutrient Export to Chesapeake Bay, Maryland Sea Grant, $148,000.00. (Funded: 2009 - 2011). Grant.

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

Sharif, Hatim (Principal), Ortiz, Araceli (Co-Principal), Griffith, Henry (Other), Jensen, Jennifer (Co-Principal), Lopez Ochoa, Esteban (Other), Julian, Jason Paul (Supporting). institute for Research and Education in Earth Systems Science (IREESS), National Aeronautics and Space Administration, Federal, $1,199,047.00. (Submitted: October 2024). Grant.

Kim, MiHyun (Supporting), Ray, Rosalie Singerman (Principal), Julian, Jason Paul (Co-Principal). Civic Innovation: Co-Creation of an Equitable, Accessible Social-Ecological System in Quail Creek Park, National Science Foundation, Federal, $74,865.00. (Submitted: May 2024). Grant.

Myint, Soe Win (Principal), Julian, Jason Paul (Co-Principal). SRS RN: Advancing Sustainable Regional Systems for the Greater Austin-San Antonio Corridor, NSF, Federal, $10,085,175.00. (Submitted: May 2024). Grant.

Ray, Rosalie Singerman (Principal), Julian, Jason Paul (Co-Principal). CIVIC-PG Track B: Co-creation of an equitable, accessible social-ecological-system in Quail Creek Park, San Marcos, TX, NSF-CIVIC, Federal, $74,865.00. (Submitted: May 1, 2024). Grant.

Myint, Soe Win (Principal), Julian, Jason Paul (Co-Principal). Climate Resilience Center for the Austin-San Antonio Passageway (CliC-ASAP), DOE-Climate Resilience Centers, Federal, $1,000,000.00. (Submitted: February 2024). Grant.

Julian, Jason Paul (Principal). DISES: Cool Spots - The distribution, vulnerability, and potential future of green and blue heat refuges, NSF-DISES, Federal, $1,780,835.00. (Submitted: November 2023). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Co-Principal). Multi-dimensional water resource estimation incorporating climate variability, water management, surface water-groundwater connectivity, water temperatures, and ecosystem services, U.S. Geological Survey, $250,000.00. (Funded: 2015). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Co-Principal). Multi-dimensional water resource valuation incorporating climate variability, water management, surface water-groundwater connectivity, water temperatures, and ecosystem services, Environmental Protection Agency, $644,058.00. (Funded: 2015). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Principal), Kyle Murray. Managing U.S. Army Corps of Engineers Reservoirs for Maximum Ecosystem Services under Non-Stationary Water Supply and Demand Scenarios, DoD Strategic Environmental Research and Development Program (SERDP), $615,523.00. (Funded: 2014). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Principal), Kyle Murray. Persistent drought, inter-state water demand, and social, economic and ecological implications of reservoir management, USGS Water Resources Research National Competitive Grant, $414,149.00. (Funded: 2014). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Principal), Kyle Murray. Persistent drought, inter-state water demand, and social, economic and ecological implications of reservoir management, USGS Water Resources Research National Competitive Grant, $500,000.00. (Funded: 2014). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Principal). A Social-Ecological Framework to Examine the Social, Economic and Ecological Tradeoffs of Different Water Management Scenarios in the Kiamichi River, USGS-DOI Climate Science Centers, $216,367.00. (Funded: 2013). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Principal). Framework for Multi-Criteria Water Management Decisions to Improve GCPOLCC Ecosystem Services: Kiamichi River Case Study, Gulf Coastal Plains & Ozarks Landscape Conservation Cooperative 2013 Request for Proposals Targeting High Priority Knowledge Gaps, $282,370.00. (Funded: 2013). Grant.

Julian, Jason Paul (Co-Principal), Simmons, Jeffrey (Principal). RUI: Collaborative Research: A Research Network and Training Model at Primarily Undergraduate Institutions for Macrosystems Projects: Stream Metabolism and Non-Native Shrub Impacts, Gulf Coastal Plains & Ozarks Landscape Conservation Cooperative 2013 Request for Proposals Targeting High Priority Knowledge GapsNSF-Macrosystem Biology, $2,317,813.00. (Funded: 2013). Grant.

Julian, Jason Paul (Co-Principal), Puls, Bob (Principal). Southern Plains Center for Nutrient Management in Watersheds, EPA – Centers for Water Research on National Priorities related to a Systems View of Nutrient Management, $2,500,000.00. (Funded: 2013). Grant.

Julian, Jason Paul (Co-Principal), Shafer, Mark (Principal). A Better Picture of Drought: Ground-Truth for the U.S. Drought Monitor, NOAA SARP, $243,878.00. (Funded: 2012). Grant.

Julian, Jason Paul (Principal), de Beurs, Kirsten (Co-Principal). Coupling fused remote sensing data with multi-resolution water quality datasets to understand impacts of agricultural land uses on rivers across multiple spatiotemporal scales, NSF – Geomorphology & Land Use Dynamics, $373,473.00. (Funded: 2012). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Principal). How do effects of consumers on nutrient recycling vary with nutrient inputs?: A mass-balance, stoichiometric approach across an agricultural gradient, NSF-Ecosystem Studies, $500,000.00. (Funded: 2012). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Principal), Gliedt, Travis. Incorporating Ecological Costs and Benefits into Environmental Flow Recommendations for Oklahoma Rivers, Phase 2: Assigning Monetary Value to Ecosystem Services, Oklahoma Water Resources Research Institute, $75,000.00. (Funded: 2012). Grant.

Julian, Jason Paul (Co-Principal), Daniels, Melinda (Principal). Informing Sustainable Water Supply and Water Quality Strategies in a Fragile Landscape: Changing Climate, Cultivation and Culture in the Great Plains, NSF-EPSCoR Track 2. (Funded: 2012). Grant.

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Principal). How do effects of consumers on nutrient recycling vary with nutrient inputs?: A mass-balance, stoichiometric approach with freshwater mussels across an agricultural gradient, NSF-Ecosystems, $499,387.00. (Funded: 2011). Grant.

Julian, Jason Paul (Co-Principal), Storm, Dan (Principal), Fox, Garey. Quantifying Streambank Erosion using Geomorphic Assessment Methods, Oklahoma Water Resources Research Institute, $75,000.00. (Funded: 2011). Grant.

Julian, Jason Paul (Co-Principal), Huggins, Donald (Principal). WSC-Category 1: Climate Change and Surface Water Resources of the Great Plains: Assessing Impacts across Multiple Spatial and Human Scales, NSF-EAR Water Sustainability & Climate, $149,780.00. (Funded: 2011). Grant.

Julian, Jason Paul (Co-Principal), Basara, Jeffrey (Principal). WSC-Category 2: Climate Variability, Water Scarcity, and Communities in the Southern Great Plains, NSF Water Sustainability & Climate, $4,975,361.00. (Funded: 2011). Grant.

Julian, Jason Paul (Principal), Davies-Colley, Rob (Co-Principal). Optical Water Quality in Rivers: Landscape Drivers and Scaling Relationships, NSF – GSS and Hydrologic Sciences, $294,000.00. (Funded: 2010). Grant.

Julian, Jason Paul (Co-Principal), Lookingbill, Todd (Principal), Gardner, Robert, Elmore, Andrew, Eshleman, Keith, Coles, Victoria, Kimmel, David, Brubaker, Kaye. Interactive Effects of Storms and Droughts, Growing Season Length, and Land Use Change on Large River Basins, EPA - Consequences of Global Change for Water Quality, $796,872.00. (Funded: 2008). 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.

Julian, Jason Paul (Principal). Social Demand for Ecosystem Services in the Nation Fastest Growing City: San Marcos, TX, Research Enhancement Program, Texas State University, Institutional (Higher Ed), $8,000.00. (Funded: 2015). Grant.

Julian, Jason Paul (Principal). Historical and Future Land Cover Change in Southeast Oklahoma: Implications for Statewide Water Resources, University of Oklahoma Junior Faculty Research Grant, $8,000.00. (Funded: 2011). Grant.

Julian, Jason Paul (Principal), Hoagland, Bruce (Co-Principal), Tarhule, Aondover. Effects of Dam Operation on Downstream Hydrology, Riparian Vegetation, and Channel Migration Patterns, OU Geography Departmental Joint Research Initiative, $2,000.00. (Funded: 2009). Grant.

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

Julian, Jason Paul (Co-Principal), Vaughn, Caryn (Co-Principal). Analysis and augmentation of environmental flow data to inform water management and conservation of freshwater mussels and other aquatic life, South-Central Climate Science Center seed grant, $163,709.00. (Funded: 2013). Grant.

Julian, Jason Paul (Principal), de Beurs, Kirsten (Co-Principal). Land Change Science Research Consortium, Phase 1: Development of a land cover change model capable of connecting climate change scenarios with land use in the Southern Plains, OU VPR – Challenge Grant, $57,077.00. (Funded: 2011). Grant.

D. Scholarly / Creative Fellowships, Awards, Honors:

Fellowship Recipient: International Visiting Scholar, Vilnius University.
August 2019 - September 2019

Award / Honor Recipient: Achievement Award for Excellence in Scholarly / Creative Activity, College of Liberal Arts, Texas State University.
2015

Award / Honor Recipient: Dean's Award for Excellence in Grant Funding, College of Liberal Arts, Texas State University.
2015

Award / Honor Recipient: Early Career Award, NASA New Investigator Program in Earth Science.
2013

Award / Honor Recipient: Fulbright Senior Scholar.
2012

Award / Honor Recipient: Nystrom Award Finalist, Association of American Geographers.
2009

Award / Honor Recipient: Delegate for Meeting of Young Researchers in Earth Sciences.
2008

Award / Honor Recipient: Department of Geological Sciences Fellowship, Univ. of South Carolina.
2002

Award / Honor Recipient: Julian J. Petty Award for top graduate in Geography Department, Univ. of South Carolina.
2002

Award / Honor Recipient: Magna cum laude, Univ. of South Carolina.
2001

Award / Honor Recipient: Honorable Discharge, U.S. Air Force.
1999

F. Media Recognition:

Internet, Texas State Stories. (November 2018).
Additional Comments: https://stories.txstate.edu/research/river-ecology.html

Magazine, EAHCP Steward newsletter and website. (October 2020).

Magazine, Texas Monthly. (November 2018).

IV. SERVICE

A. Institutional

1. University:

Undergraduate Advisor, Faculty advisor for "Bobcat Stream Team" student organization. (2016 - Present).

Member, Graduate Fulbright Campus Committee. (2022).

Member representative, University Corporation for Atmospheric Research. (2014 - 2015).

Executive board for Kessler Atmospheric & Ecological Field Station. (2009 - 2013).

2. College:

Member, College Curriculum Committee. (August 2024 - Present).

Member, Curriculum Committee, College of Liberal Arts. (September 2018 - August 2022).

Department representative for GIS Day. (2012).

John T. Snow Scholarship Selection Committee. (2012).

Department representative for new student orientation. (2009 - 2012).

3. Department/School:

Chair, Search Committee for Assistant Professor of Water Resources. (September 2025 - Present).

Associate Chair, Associate Chair. (August 2024 - Present).

Member, Scheduling Committee. (August 2024 - Present).

Undergraduate Advisor, Water Resources Major co-Advisor. (2013 - Present).

Member, Graduate Committee. (August 2023 - May 2024).

Member, Scheduling Committee. (September 2022 - August 2023).

Member, Online Education Committee. (September 2021 - August 2022).

Associate Chair, Department of Geography. (September 2018 - August 2022).

Chair, Alumni Reunion & Student Celebration Committee. (September 2018 - August 2022).

Chair, Scheduling Committee. (2018 - August 2022).

Chair, Search Committee for Full/Assoc Prof in Env Geog. (April 2019 - 2020).

Member, Scholarships & Awards Committee. (September 2018 - May 2019).

Chair, Colloquium Committee. (2014 - 2018).

Member, Graduate Committee. (2016 - 2017).

Geography Student Research Symposium Committee. (2013 - 2016).

Water Conservation Endowed Chair Search Committee. (2014 - 2015).

Political Geography Faculty Search Committee. (2014).

Graduate Committee. (2013 - 2014).

Colloquium Committee. (2009 - 2013).

Graduate Committee. (2009 - 2013).

Geography Day organizer for ~100 high school students/year. (2009 - 2012).

Remote Sensing Faculty Search Committee. (2010).

B. Professional:

Editorial Review Board Member, Geographies. (2020 - Present).

Member, Association of American Geographers. (2009 - Present).

Reviewer / Referee, 5 journal article reviews. (January 2024 - December 2024).

Reviewer / Referee, 4 journal article reviews. (January 2022 - December 2022).

Reviewer / Referee, 6 journal article reviews. (January 2020 - December 2020).

Member, Steering Committee of the Binghamton Geomorphology Symposium Series. (2015 - 2020).

Reviewer / Referee, 4 Journal articles. (2018).

Chair, Southwest Division of American Association of Geographers. (2017).

Coordinator / Organizer, Binghamton Geomorphology Symposium, San Marcos, TX, United States. (2017).

Editor, Special Issue guest-editor for journal of Geomorphology. (2017).

Reviewer / Referee, 6 journal articles. (2017).

Member, Society for Freshwater Science. (2007 - 2017).

Reviewer / Referee, 7 journal articles. (2016).

Secretary, Southwest Division of American Association of Geographers. (2016).

Member, American Geophysical Union. (2007 - 2016).

Coordinator / Organizer, Student Paper/Poster Competition Sessions, SWAAG, San Antonio, TX. (2015).

Reviewer / Referee, 38 Journal articles. (2015).

Additional Comments: The Professional Geographer (2); Journal of the American Water Resources Association (2); Geomorphology; Journal of Environmental Management; Earth Surface Processes and Landforms (2); Journal of the North American Benthological Society (2); Journal of Geophysical Research – Biogeosciences (2); Global Change Biology (2); Applied Geography (2); Ecology; Earth Interactions; Reviews in Engineering Geology; Remote Sensing (2); Environmental Science: Processes & Impacts; Freshwater Science (3); Remote Sensing of Environment; Ecohydrology; Water Resources Research; Environmental Management (3); IEEE Transactions on Visualization and Computer Graphics; River Research & Applications; Ecological Engineering; Ecological Applications; Hydrological Processes; International Journal of Applied Earth Observation and Geoinformation

Reviewer / Referee, Panel reviewer: NASA. (2015).

Reviewer / Referee, Proposal reviewer. (2015).

Additional Comments: National Science Foundation (6); United States Geological Survey; American Association for the Advancement of Science

Treasurer, Southwest Division of American Association of Geogrpahers. (2014 - 2015).

Coordinator / Organizer, "Land Change Science," Southwest and Great Plains-Rocky Mountain Associations of American Geographers (SWAAG-GPRM) Joint Annual Meeting, Albuquerque, NM. (2014).

Coordinator / Organizer, "Landscape Controls on Ecosystem Processes," Annual Meeting of the Association of American Geographers, Albuquerque, NM. (2010).

C. Community:

Officer, San Marcos High School XC Booster Club, San Marcos, TX. (July 2023 - Present).

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

Speaker, Invited speaker on Water Resources; Hernandez Elementary. (2015 - Present).

Board Member, San Marcos Greenbelt Alliance, San Marcos, TX. (March 2018 - December 2021).

Member, Emerald Crown Trail Working Group, San Marcos, TX. (2017 - 2021).

Youth basketball coach, San Marcos Recreation Center, San Marcos, TX. (2014 - 2019).

Youth football coach, San Marcos Recreation Center, San Marcos, TX. (2014 - 2019).

Organizer & Host for panel session on "Preparing for Graduate School: A Geography perspective". (2016).

Co-Organizer & Host for Career Awareness Day for 5th grade Gifted & Talented Program. (2015).

Media Coverage, Chesapeake Quarterly, http://www.chesapeakequarterly.net/V14N1/main3/. (April 2015).

Media Coverage, AGU Blogosphere, http://blogs.agu.org/geospace/2014/12/19/new-zealand-watersheds-show-dirt-logging-grazing/. (December 19, 2014).

Media Coverage, Interview by U.S. Embassy in New Zealand, https://www.youtube.com/watch?v=pYBrK1O4UEQ&list=UUHdD1ujwX1fCB0CiamefSWA. (May 30, 2014).

Youth soccer coach, YMCA, Norman, OK. (2011 - 2012).

"Geography Day" for ~100 high school students each year. (2009 - 2012).

Media Coverage, National Public Radio, KGOU. (March 22, 2011).

Media Coverage, OK News 9. (March 22, 2011).

Media Coverage, OK NewsChannel 4, KFOR. (March 22, 2011).

Media Coverage, The Norman Trascript. (November 18, 2009 - March 22, 2011).

Media Coverage, The Oklahoman. (November 19, 2009).

Media Coverage, The Oklahoma Daily. (November 17, 2009).

D. Organization Memberships:

International Association for Landscape Ecology. (2013 - Present).

American Association of Geographers. (2007 - Present).

Society for Freshwater Science (SFS). (2006 - Present).

American Geophysical Union. (2004 - Present).

E. Service Honors and Awards:

Award / Honor Recipient: Outstanding Leadership Award, Department of Geography and Environmental Studies.
January 2021 - April 2022

Award / Honor Recipient: Outstanding Service Award, Department of Geography, Texas State University.
2017 - 2018