KATHERINE B. LININGER

Associate Professor, Department of Geography University of Colorado Boulder

Research interests

fluvial geomorphology, ecogeomorphology, river corridors and the carbon cycle, floodplain dynamics, instream and floodplain wood

Education

Ph.D. in Earth Sciences – Fluvial Geomorphology, *Colorado State University, 2018*M.A. in Geography with Certificate of Watershed Science, *University of Texas at Austin, 2013*B.A. in Geography and Political Science, *University of Wisconsin-Madison, 2008*

Professional Experience

2025-Present	Associate Professor, Department of Geography, University of Colorado Boulder
2018-2025	Assistant Professor, Department of Geography, University of Colorado Boulder
2013-2018	NSF Graduate Research Fellow and Research Assistant, Department of
	Geosciences, Colorado State University
2011-2013	NSF Graduate Research Fellow and Donald D. Harrington Fellow, Department of
	Geography and the Environment, University of Texas at Austin
2009-2011	Program & Research Assistant, Tropical Forests & Climate Initiative, Union of
	Concerned Scientists, Washington, DC

Honors and Awards

2025-2026	Fulbright Scholar Award
2023	National Science Foundation CAREER Award recipient
2023	Research and Innovation Office Faculty Fellow, University of Colorado Boulder
2022	William L. Graf Early Career Award, Geomorphology Specialty Group,
	American Association of Geographers
2018	Association for Women Geoscientists (AWG) Outstanding Student Award
2012-2017	National Science Foundation Graduate Research Fellowship
2014	Robert E. Horton Research Grant, American Geophysical Union Hydrology
	section
2010	Ecological Society of America W.S. Cooper Award, for Gill et al., 2009

Research activities

Peer-reviewed publications

 1^{st} author = lead author

*indicates graduate student advisee author

Total peer-reviewed publications = 40 (34 journal articles, 6 peer reviewed book chapters and technical reports)

1st authored = 12; 1st authored by graduate student advisee = 5

Journal articles

- 34. Bush, S. A., Birch, A. L., Warix, S., **Lininger, K. B.**, Musselman, K. N., & Barnard, H. R. (2025). Runoff composition is insensitive to summer rain contributions in a montane headwater stream. *Journal of Hydrology: Regional Studies*, *61*, 102622. https://doi.org/10.1016/j.ejrh.2025.102622
- 33. Eckland, A. C., Overeem, I., Carlson, B., & Lininger, K. B. (2025). Accelerated Organic Carbon Burial Rates Reconstructed in Elephant Butte Reservoir, New Mexico During a Megadrought. *Water Resources Research*, *61*(3), e2023WR035254. https://doi.org/10.1029/2023WR035254
- 32. *Adamchak, C., **Lininger, K.B.**, and Hinckley, E. (2025). Animating the critical zone; Beaver as critical zone engineers. *Frontiers in Water*, 7. doi: 10.3389/frwa.2025.1547094.
- 31. Cathcart, C. N., Falke, J. A., Fox, J., Henszey, R., & **Lininger, K.B.** (2025). Multiscale Processes Drive Formation of Logjam Habitats and Use by Juvenile Chinook Salmon Across a Boreal Stream Network in Alaska. *River Research and Applications*, *41*(3), 593–608. https://doi.org/10.1002/rra.4387
- 30. **Lininger, K. B.**, & Lave, R. (2024). River restoration can increase carbon storage but is not yet a suitable basis for carbon credits. *BioScience*, biae083. https://doi.org/10.1093/biosci/biae083
- 29. *Rees, J. C., **Lininger, K. B.**, Landis, J. D., & Briles, C. E. (2024). Assessing controls on sedimentation rates and sediment organic carbon accretion in beaver ponds. *Science of The Total Environment*, 949, 174951. https://doi.org/10.1016/j.scitotenv.2024.174951
- 28. Ockelford, A., Wohl, E., Ruiz-Villanueva, V., Comiti, F., Piegay, H., Parsons, D., Darby, S.,....Lininger, K. B.,....et al., (2024) Working with Wood in Rivers in the Western United States, *River Research and Applications*. https://doiorg.colorado.idm.oclc.org/10.1002/rra.4331
- 27. *Johaneman, T. M., Lininger, K. B., Schook, D. M., Pitlick, J., & Martin, M. (2023). The Influence of Knickpoint Development and Channel Incision on Riparian Vegetation in Semi-Arid River Corridors. *Water Resources Research*, 59(10), e2023WR034872. https://doi.org/10.1029/2023WR034872
- 26. *Fogel, C. B., & **Lininger, K. B.** (2023). Geomorphic complexity influences coarse particulate organic matter transport and storage in headwater streams. *Frontiers in Water*, *5*, 1227167. https://doi.org/10.3389/frwa.2023.1227167

- 25. Hwang, K., Harpold, A., Tague, C., Lowman, L., Boisramé, G., **Lininger, K.B.**, Sullivan, P.L., Manning, A., Graup, L., Litvak, M., Lewis, G., Miller, K., Brooks, P., and Barnard, H. (2023). Seeing the Disturbed Forest for the Trees: Remote Sensing Is Underutilized to Quantify Critical Zone Response to Unprecedented Disturbance. *Earth's Future*, 11(8), e2022EF003314. https://doi.org/10.1029/2022EF003314
- 24. **Lininger, K. B.**, & Hilton, S. (2022). Large Wood in Small Channels: A 20-Year Study of Budgets and Piece Mobility in Two Redwood Streams. *Water Resources Research*, 58(11), e2022WR033047. https://doi.org/10.1029/2022WR033047
- 23. *Guiney, M. R., & Lininger, K. B. (2022). Disturbance and valley confinement: Controls on floodplain large wood and organic matter jam deposition in the Colorado Front Range, USA. *Earth Surface Processes and Landforms*, 47(6), 1371–1389. https://doi.org/10.1002/esp.5321
- 22. Ruiz-Villanueva, V., **Lininger, K. B.**, Rowan, A. V., Livers, B., Kramer, N., & Sendrowski, A. (2022). Perspectivas y experiencias sobre los retos de la investigación de campo para las mujeres en ciencias de la Tierra. *Enseñanza de las Ciencias de la Tierra (Journal of the Spanish Association for the Teaching of Earth Sciences)*, 144–150.
- 21. **Lininger, K. B.**, Rowan, A. V., Livers, B., Kramer, N., Ruiz-Villanueva, V., Sendrowski, A., & Burrough, S. (2021). Perspectives on being a field-based geomorphologist during pregnancy and early motherhood. *Earth Surface Processes and Landforms*, 46(14), 2767–2772. https://doi.org/10.1002/esp.5238
- 20. Lininger, K. B., Scamardo, J. E., & Guiney*, M. R. (2021). Floodplain Large Wood and Organic Matter Jam Formation After a Large Flood: Investigating the Influence of Floodplain Forest Stand Characteristics and River Corridor Morphology. *Journal of Geophysical Research: Earth Surface*, 126(6), e2020JF006011. https://doi.org/10.1029/2020JF006011
- 19. Jensen, A., Fastovich, D., Watson, B. I., Gill, J. L., Jackson, S. T., Russell, J. M., Bevington, J., Hayes, K., Lininger, K. B., Rubbelke, C., Schellinger, G. C., Williams, J. W. (2020). More than one way to kill a spruce forest: The role of fire and climate in the late-glacial termination of spruce woodlands across the southern Great Lakes. *Journal of Ecology*, 109(1), 459–477. https://doi.org/10.1111/1365-2745.13517
- 18. **Lininger, K. B.**, & Polvi, L. E. (2020). Evaluating floodplain organic carbon across a gradient of human alteration in the boreal zone. *Geomorphology*, *370*, 107390. https://doi.org/10.1016/j.geomorph.2020.107390
- 17. Livers, B., **Lininger, K. B.**, Kramer, N., & Sendrowski, A. (2020). Porosity problems: Comparing and reviewing methods for estimating porosity and volume of wood jams in the field. *Earth Surface Processes and Landforms*, 45(13), 3336–3353. https://doi.org/10.1002/esp.4969
- 16. Wohl, E., **Lininger, K. B.**, Rathburn, S. L., & Sutfin, N. A. (2020). How geomorphic context governs the influence of wildfire on floodplain organic carbon in fire-prone environments of the western United States. *Earth Surface Processes and Landforms*, 45(1), 38-55. https://doi.org/10.1002/esp.4680

- 15. **Lininger, K. B.**, Raimondi, J., Kramer, N., Homrighausen, D., & Covich, A. (2019). Comparison of discharge pulses in temperate and tropical rainforest headwater stream networks. *Journal of Hydrology*, *579*, 124236. https://doi.org/10.1016/j.jhydrol.2019.124236
- 14. Wohl, E., Kramer, N., Ruiz-Villanueva, V., Scott, D. N., Comiti, F., Gurnell, A. M., Piegay, H., **Lininger, K. B.**, Jaeger, K. L., Walters, D. M., Fausch, K. D. et al. (2019). The Natural Wood Regime in Rivers. *BioScience*, 69(4), 259–273. https://doi.org/10.1093/biosci/biz013
- 13. **Lininger, K. B.**, Wohl, E., Rose, J. R., & Leisz, S. J. (2019). Significant floodplain soil organic carbon storage along a large high latitude river and its tributaries. *Geophysical Research Letters*, 46, 2121–2129. https://doi.org/10.1029/2018GL080996
- 12. **Lininger, K. B.**, & Wohl, E. (2019). Floodplain dynamics in North American permafrost regions under a warming climate and implications for organic carbon stocks: A review and synthesis. *Earth-Science Reviews*. https://doi.org/10.1016/j.earscirev.2019.02.024
- 11. **Lininger, K. B.**, Wohl, E., & Rose, J. R. (2018). Geomorphic Controls on Floodplain Soil Organic Carbon in the Yukon Flats, Interior Alaska, From Reach to River Basin Scales. *Water Resources Research*, (54), 1934–1951. https://doi.org/10.1002/2017WR022042
- 10. Wohl, E., **Lininger, K. B.**, & Scott, D. N. (2018). River beads as a conceptual framework for building carbon storage and resilience to extreme climate events into river management. *Biogeochemistry*, *141*(3), 365–383. https://doi.org/10.1007/s10533-017-0397-7
- 9. Wohl, E., Scott, D. N., & Lininger, K. B. (2018). Spatial distribution of channel and floodplain large wood in forested river corridors of the Northern Rockies. *Water Resources Research*, *54*, 7879–7892. https://doi.org/10.1029/2018WR022750
- 8. **Lininger, K. B.**, Wohl, E., Sutfin, N. A., & Rose, J. R. (2017). Floodplain downed wood volumes: a comparison across three biomes. *Earth Surface Processes and Landforms*, 42(8), 1248–1261. https://doi.org/10.1002/esp.4072
- 7. Wohl, E., **Lininger, K. B.**, & Baron, J. (2017). Land before water: the relative temporal sequence of human alteration of freshwater ecosystems in the conterminous United States. *Anthropocene*, *18*, 27–46. https://doi.org/10.1016/j.ancene.2017.05.004
- 6. Wohl, E., Hall, R. O., **Lininger, K. B.**, Sutfin, N. A., & Walters, D. M. (2017). Carbon dynamics of river corridors and the effects of human alterations. *Ecological Monographs*, 87(3), 379–409. https://doi.org/10.1002/ecm.1261
- 5. Wohl, E., **Lininger, K. B.**, Fox, M., Baillie, B. R., & Erskine, W. D. (2017). Instream large wood loads across bioclimatic regions. *Forest Ecology and Management*, 404, 370–380. https://doi.org/10.1016/j.foreco.2017.09.013
- 4. Scott, D. N., Brogan, D. J., **Lininger, K. B.**, Schook, D. M., Daugherty, E. E., Sparacino, M. S., & Patton, A. I. (2016). Evaluating survey instruments and methods in a steep channel. *Geomorphology*, 273, 236–243. https://doi.org/10.1016/j.geomorph.2016.08.020
- 3. **Lininger, K. B.**, & Latrubesse, E. M. (2016). Flooding hydrology and peak discharge attenuation along the middle Araguaia River in central Brazil. *CATENA*, *143*, 90–101. https://doi.org/10.1016/j.catena.2016.03.043

- 2. **Lininger, K. B.**, Records, R., Smull, E., & Wehner, C. (2016). Creating Local Support Networks for Graduate Student Women. *Eos*, 97. https://doi.org/10.1029/2016EO046879
- 1. Gill, J. L., Williams, J. W., Jackson, S. T., **Lininger, K. B.**, and Robinson, G. S. (2009). Pleistocene Megafaunal Collapse, Novel Plant Communities, and Enhanced Fire Regimes in North America. *Science*, 326(5956), 1100–1103. https://doi.org/10.1126/science.1179504

Peer-reviewed book chapters and technical reports

- Johaneman, T., Lininger, K. B., Schook, D., & Martin, M. (2024). Geomorphic and ecological responses to human modification of the Fremont River, Capitol Reef National Park, Utah. National Park Service Science Report Series. National Park Service. https://doi.org/10.36967/2302455
- 5. Morrison, R., Jones, N., Lininger, K. B., Thoms, M. C., & Wohl, E. (2023). Resilient floodplains in the Anthropocene. In M. Thoms & I. Fuller (Eds.), *Resilience and Riverine Landscapes*. San Diego: Elsevier.
- 4. Wohl, E., & Lininger, K. B. (2022). High-Latitude Rivers and Permafrost. In Treatise on Geomorphology (pp. 926–942). Elsevier. https://doi.org/10.1016/B978-0-12-818234-5.00074-2
- 3. Wohl, E., & Lininger, K. B. (2022). Hydrology and Discharge. In A. Gupta (Ed.), Large Rivers (2nd ed., pp. 42–75). Wiley. https://doi.org/10.1002/9781119412632.ch3
- 2. Wohl, E., Kramer, N., & Lininger, K. B. (2022). The Yukon and the Mackenzie: Large Arctic Rivers of North America. In A. Gupta (Ed.), Large Rivers (2nd ed., pp. 368–387). Wiley. https://doi.org/10.1002/9781119412632.ch13
- 1. Diamond, S., **Lininger**, **K. B.**, and Young, K. R. (2016). La minería de oro en la amazonia peruana desde una perspectiva socio-ecológica (Gold mining in the Peruvian Amazon from a social-ecological perspective). In *Naturaleza y Sociedad: Perspectivas socio-ecológicos sobre cambios globales en America Latina* (Social-ecological perspectives in Latin America), eds. J. Postigo and K. R. Young. Lima, Peru: Institúto de Estudios Peruanos.

Datasets

Richardson, Paul W.; Seehafer, Jayme E.; Keppeler, Elizabeth T.; Sutherland, Diane G.; Wagenbrenner, Joseph W.; Bladon, Kevin D.; Dymond, Salli F.; Cole, Ryan P.; **Lininger, Katherine B.**; Hilton, Susan J. 2022. Caspar Creek Experimental Watersheds Phase 2 (1985-2017) data. 3rd Edition. Updated 10 January 2024. Fort Collins, CO: Forest Service Research Data Archive. https://doi.org/10.2737/RDS-2020-0018-3

Non-refereed contributions and professional reports

2025

- 4. **Lininger, K. B.,** (2014). Assessing organic carbon storage and carbon dynamics in boreal river floodplains. *American Geophysical Union Hydrology Section Newsletter*, December 2014.
- 3. **Lininger, K. B.** and Nelson, M. (2014). Yukon Expedition: The forgotten carbon sink. National *Geographic Society Explorers Journal blog*, available online at http://voices.nationalgeographic.com/2014/08/11/yukon-expedition-the-forgotten-carbon-sink/
- 2. Boucher, D., Elias, P., **Lininger**, **K.B.**, May-Tobin, C., Roquemore, S., and Saxon, E. (2011). The root of the problem: What's driving tropical deforestation today? *Union of Concerned Scientists Publication*, available online at http://www.ucsusa.org/global_warming/solutions/stop-deforestation/drivers-of-deforestation.html#.VkJTUspkCEw.
- 1. Elias, P. and **Lininger**, **K. B.** (2010). The plus side: Management techniques and policies to promote sustainable carbon sequestration in tropical forests. *Union of Concerned Scientists Publication*.

National Science Foundation Non-Academic Research Internships for Graduate

External funding received as lead Principal Investigator (PI) - \$1,303,862 total

2025	Translational Science Tourisation From Flourenine Research Internating for Graduate
	Students (INTERN) supplement to EAR-2125441, 2025-2026, \$55,000
2025	Fulbright Scholar Award, stipend
2025	Swiss National Science Foundation Research Exchange Funding, stipend
2024	Biophilia Foundation, "Investigating the impact of river restoration on organic carbon storage", 2024-2025, \$24,250
2024	U.S. Forest Service Grant, "Spatial and temporal patterns of geomorphic adjustment due to dam removal", 2024-2026, \$158,988
2023	Biophilia Foundation, "Sample processing costs for Snake River floodplain carbon storage project", 2023-2025, \$8,232
2023	National Science Foundation Human-Environment and Geographical Sciences program, "CAREER: Rivers of carbon: assessing how humans have altered floodplain organic carbon stocks across the contiguous United States", SBE-2237366, 2023-2028, \$499,120
2023	National Park Service Grant, "Floodplain dynamics on the Snake River and its tributaries", 2023-2025, \$59,969
2021	National Science Foundation Geomorphology and Landuse Dynamics Program, "Collaborative Research: Floodplain ecogeomorphic processes: interactions between floodplain forest characteristics, wood accumulations, and hydrogeomorphology", EAR-2125441, 2021-2025, \$407,205 total award, \$307,205 to CU Boulder
2021	National Park Service Grant, supplement to "Fremont River geomorphic analysis", 2020-2022, \$16,098
2020	National Park Service Grant, "Fremont River geomorphic analysis", 2020-2022, \$75,000

External	funding	received	as	а	Co-PI
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2024	Co-PI, Bureau of Reclamation, "Nature based solutions for distributed sediment
	storage", PI: Joel Sholtes, \$143,064, \$98,775 to Lininger
2023	Co-PI, City of Boulder, "Assessing Hyporheic Processes", PI: Diane McKnight,
	Additional co-PIs: Julie Korak, Cresten Mansfeldt, \$10,000
2020	Co-PI, National Science Foundation, "Collaborative Research: Network Cluster:
	Quantifying controls and feedbacks of dynamic storage on critical zone processes
	in western montane watersheds", EAR-2012669, 2020-2025, \$3,654,791 to CU
	Boulder

CU Boulder internal funding received as lead or co-PI

2023	Co-PI, CU Restoration Ecology Experimental Learning Program, CU Boulder
	Outreach Award, 2023-2024, \$24,000
2022	Co-PI, CU Restoration Ecology Experimental Learning Program, CU Boulder
	Outreach Award, 2022-2023, \$23,700
2021	Co-PI, CU Restoration Ecology Experimental Learning Program, CU Boulder
	Outreach Award, 2021-2022, \$23,900
2020	Co-PI, Research and Innovation Office (RIO) Seed Grant, University of Colorado
	Boulder, "Adapting to the 'Waterless' City: The production of extreme water
	scarcity and gender, class, and ethno-religious inequalities in Shimla, India",
	\$44,902
2019	Faculty Success Grant, Leadership Education for Advancement and Promotion,
	University of Colorado Boulder, \$3,750

Funding received prior to appointment at University of Colorado Boulder

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2017-2018	University Distinguished Professors' Scholarship, Colorado State University
	\$10,000
2016	Schumm Graduate Fellowship, Warner College of Natural Resources Geosciences
	Department, Colorado State University, \$5,000
2016	Pathfinder Fellowship, CUAHSI, \$5,000
2016	National Science Foundation Graduate Opportunities Worldwide award, \$5,000
2016	Swedish Research Council additional living cost award, NSF GROW opportunity,
	\$3000
2015	P.E.O. Scholar Award, \$15,000
2015-2016	Marie Morisawa Fellowship, Warner College of Natural Resources, Colorado
	State University, \$5,000
2015	GSA Research Grant, Geological Society of America, \$1,875

- 2014 Marie Morisawa Award in Geomorphology, Geological Society of America Quaternary Geology and Geomorphology Division, \$2,500
- 2014 M. Gordon "Reds" Wolman Graduate Research Award, American Association of Geographers Geomorphology Specialty Group, \$600

Invited presentations and panels

- **Lininger, K.B.** Sedimentation in beaver ponds: controls and processes, Stream Corridor Restoration Sediment Working Group, February 13, 2025
- **Lininger, K.B.** The hard science of 'soft' geomorphology: wood and carbon dynamics in river corridors. St. Anthony Falls Laboratory Seminar Series, University of Minnesota, 29 January 2025
- **Lininger, K.B.** Biophysical controls and human impacts on floodplain organic carbon storage and implications for river restoration, Ecological Society of America Meeting, Long Beach, CA, 6 August 2024
- **Lininger, K.B.** Expanding understanding of wood dynamics in river corridors, NOAA Fisheries Watershed program seminar series, 6 November 2023
- **Lininger, K.B.** Expanding understanding of wood in river corridors: floodplain wood dynamics and long-term datasets, Minnesota State University Geography Department Colloquium, 13 October 2023
- **Lininger, K.B.** Invited panelist for Women in Geography I: Academic Careers, 2023, Panel at the American Association of Geographers Annual Meeting, Denver, CO
- **Lininger, K.B.** The hard science of 'soft' geomorphology: ecogeomorphology and carbon dynamics in river corridors, Hydrology and Water Resources seminar, University of Colorado Boulder, 15 March 2023
- **Lininger, K.B.** Expanding understanding of wood in river corridors: floodplain wood dynamics and long-term datasets, University of Colorado Boulder Hydrologic Sciences Symposium, 8 April 2022
- **Lininger, K.B.** Expanding understanding of wood in river corridors: floodplain wood dynamics and long-term datasets, Department of Geography Colloquium, University of Colorado Denver, 4 March 2022
- **Lininger, K.B.** The hard science of 'soft' geomorphology: flow-vegetation-organic carbon feedbacks in rivers and floodplains, Women Advancing River Research Seminar Series, Virtual, 17 March 2022
- **Lininger, K.B.** Logjam patterns, wood recruitment, and salmon habitat in a sub-arctic boreal river system, International Association of Geomorphology North American Webinar, Virtual, 1 March 2022
- **Lininger, K.B.** Understanding wood dynamics in river corridors over time and space, Department of Geological and Atmospheric Science Seminar Series, Iowa State University, Virtual, 1 February 2022
- **Lininger, K.B.** and S. Hilton. 2021. Controls on long-term changes in large wood budgets and wood mobility in two headwater streams. EP51A-04. American Geophysical Union Fall Meeting, New Orleans, Louisiana
- **Lininger, K.B.**, N. Sutfin, and M. Guiney. 2021 Hydrogeomorphic disturbance as a mediator of the spatial distribution and magnitude of organic carbon stocks in river corridors. EP12B-01. American Geophysical Union Fall Meeting, New Orleans, Louisiana

- **Lininger, K.B.** Floodplain carbon storage in soil and wood: expanding the benefits of river corridor restoration, Sustaining Colorado Watersheds Conference Workshop, *Understanding and restoring floodplain functions*, Avon, Colorado, 2021
- **Lininger, K.B.** River corridors and the carbon cycle: geomorphic controls on carbon in floodplain soil and wood, Department of Earth and Atmospheric Sciences Seminar Series, University of Northern Colorado, Virtual, 2021
- **Lininger, K.B.** River corridors and the carbon cycle: geomorphic controls on carbon in floodplain soil and wood, Department of Geography and the Environment colloquium, University of Texas at Austin, Virtual, 2021
- **Lininger, K.B.** Biogeomorphic controls on wood and organic matter loads in floodplains, International Association of Geomorphologists webinar for North America and Costa Rica, Virtual, 2021
- **Lininger, K.B.** Floodplain carbon stocks in soil and large wood across diverse environments: controls and comparisons. 2020. EP020-0001. American Geophysical Union Fall Meeting, Virtual
- **Lininger, K.B.** River corridors and the carbon cycle: floodplain organic carbon storage in the central Yukon River Basin, Department of Geography seminar series, University of Denver, Denver, Colorado, 2020
- **Lininger, K.B.** and D. Scott. The role of floodplain wood in enhancing river corridor resilience. 2019. H51C-07. American Geophysical Union Fall Meeting, San Francisco, California
- **Lininger, K.B.** and J. Rowland. 2019. River corridor dynamics in permafrost regions under a changing climate: Detecting signatures of change and assessing implications for geomorphic processes and the carbon cycle. EP34B-01. American Geophysical Union Fall Meeting, San Francisco, California
- **Lininger, K.B.** River corridors and the carbon cycle: floodplain organic carbon storage in the central Yukon River Basin, Department of Geology and Geological Sciences seminar series, Colorado School of Mines, Golden, Colorado, 2019
- **Lininger, K.B.** Floodplain carbon storage and large wood: expanding the benefits of river restoration in river corridors, Rocky Mountain Restoration Conference, Estes Park, Colorado, 2019
- **Lininger, K.B.** An underestimated and vulnerable carbon stock: floodplain soil carbon storage in permafrost regions and the potential for future changes due to warming, National Snow and Ice Data Center seminar series, Boulder, Colorado, 2019
- **Lininger, K.B.** River Corridors and the Carbon Cycle: Floodplain Organic Carbon Storage along Boreal Rivers, Hydrology and Water Resources seminar series, University of Colorado Boulder, 2018
- **Lininger, K.B.** and E. Wohl. 2017. Floodplain soil organic carbon storage in the central Yukon River Basin." U24B-03. eLightning presentation at American Geophysical Union Fall Meeting, New Orleans, LA.
- **Lininger, K.B.** Fluvial controls on the terrestrial carbon cycle: floodplain organic carbon storage in sediments and downed wood along boreal rivers, Department of Ecology and Environmental Science seminar series, Umeå University, Sweden, 2016

Conference abstracts and presentations (not invited)

*Student advisee

- *Welsh, J., **K.B. Lininger**, V. Ruiz-Villanueva, M. Lueker, and J. Marr. 2024. Large Wood Transport and Storage in Forested Floodplains: A Flume Study. EP43C-1310. Poster presentation at the American Geophysical Union Fall Meeting, Washington, DC.
- *Johaneman, T., and **K.B. Lininger**. 2024. Impacts of Artificial Levees on Floodplain Organic Carbon Storage on the Snake River, Wyoming. EP43C-1319. Poster presentation at the American Geophysical Union Fall Meeting, Washington, DC.
- *Thompson, C., K.B. Lininger, J. Sholtes, and B. Abban. 2024. Modeling beaver dam hydraulics and pond sediment storage at the watershed scale in the central Rocky Mountains in Colorado, USA. EP31D-1219. Poster presentation at the American Geophysical Union Fall Meeting, Washington, DC.
- *Johaneman, T., and **K.B. Lininger**. 2023. Linking Fluvial Ecogeomorphic Processes and Surface Age to Floodplain Organic Carbon Storage. EP53D-1759. Poster presentation at the American Geophysical Union Fall Meeting, San Francisco, CA
- *Adamchak, C., K.B. Lininger, and E.S. Hinckley. 2023. Beavers as Critical Zone Engineers: Effects on Biogeochemical Processes. H21M-1521. Poster presentation at the American Geophysical Union Fall Meeting, San Francisco, CA
- *Rees, J., **K.B. Lininger**, C. Briles, and J. Landis. 2023. Beaver dams as sites of carbon accretion and sediment storage and implications for river restoration. Oral presentation, American Association of Geographers Annual Meeting, Denver, CO
- **Lininger, K.B.**, C. Fogel, and L. Magliozzi. 2023. Coarse particulate organic matter dynamics in disturbed and undisturbed streams in the Colorado Front Range. Oral presentation, American Association of Geographers Annual Meeting, Denver, CO
- *Rees, J., **K.B. Lininger**, C. Briles, and J. Landis. 2022. Quantifying Sediment and Carbon Storage and Aggradation Rates within Beaver Mediated River Corridors in the Southern Rocky Mountains, USA. EP35C-1356. Poster presentation at the American Geophysical Union Fall Meeting, Chicago, IL
- *Comratie Clemmons, S., H. Barnard, **K.B. Lininger**, and J. R. Brooks. 2022. Where Does Wood Come From? Using Dendrochronology and Isotopic Methods to Identify the Watershed Origin of Wood in the River Corridor. EP52C-0774. Poster presentation at the American Geophysical Union Fall Meeting, Chicago, IL
- *Fogel, C. and **K.B. Lininger**. 2022. Drivers of coarse particulate organic matter transport and storage in headwater streams. 165-9. Poster presentation at the Geological Society of America Meeting, Denver, CO
- **Lininger, K.B.**, Rowan, A. V., Livers, B., Kramer, N., Ruiz-Villanueva, V., Sendrowski, A., and Burrough, S. 2022. Promoting and supporting field-based geomorphologists during pregnancy and early motherhood. EGU22-726. Oral presentation at EGU General Assembly 2022, Vienna, Austria.
- *Johaneman, T., **K.B. Lininger**, D. Schook, and M. Martin. 2021. The Influence of Hydrogeomorphic Characteristics On Riparian Vegetation Along The Fremont River,

- Utah. Poster presentation at the American Association of Geographers Annual Meeting, Virtual
- **Lininger, K.B.** and S. Hilton. 2021. Wood budgets and wood mobility in two headwater streams in the Pacific Northwest, USA. Oral presentation, American Association of Geographers Annual Meeting, Virtual
- Hwang, K., H. Barnard, A. Harpold, N. Tague, P. Sullivan, and **K.B. Lininger**. Opportunities and challenges in remote sensing-based critical zone ecohydrology. 2021. H45F-1239. Poster presentation at the American Geophysical Union Fall meeting, New Orleans, Louisiana.
- *Johaneman, T., **K.B. Lininger**, D. Schook, and M. Martin. 2021. The Influence of Hydrogeomorphic Characteristics On Riparian Vegetation Along The Fremont River, Utah. EP25C-1339. Poster presentation at the American Geophysical Union Fall meeting, New Orleans, Louisiana.
- **Lininger, K.B.** and S. Hilton. 2021. Controls on in-stream large wood mobilization and movement. Caspar Creek Experimental Watershed Annual Meeting, Virtual.
- *Guiney, M.R., **K.B. Lininger**, and J.E. Scamardo. 2020. The Influence of disturbance and reach-scale geomorphology on depositional patterns and loads of large downed wood in semi-arid rivers, Colorado, USA. EP052-0016. Poster presentation at the American Geophysical Union Fall meeting, Virtual.
- *Hurtado, A. and **K.B. Lininger**. 2019. The Influence of Floodplain Large Wood Jams on Soil Moisture in the Colorado Front Range, USA. ED23G-1102. Poster presentation at the American Geophysical Union Fall meeting, San Francisco, CA.
- Sutfin, N.A., E. Wohl, S. Rathburn, and **K.B. Lininger**. 2019. Burning River: The influence of wildfire on sediment and carbon dynamics within Rocky Mountain floodplains. H31H-01. Oral presentation at the American Geophysical Union Fall meeting, San Francisco, CA.
- Falke, J., C.N. Cathcart, J. Fox, R. Henszey, and **K.B. Lininger**. 2019. Longitudinal patterns of logjams and occupancy by juvenile chinook salmon along a sub-arctic boreal riverscape. Oral presentation at the American Fisheries Society Annual Meeting, Columbus, Ohio.
- **Lininger, K. B.,** and L. Polvi. 2018. Evaluating floodplain organic carbon stocks across a gradient of human alteration in the boreal zone. EP51B-24. eLightning presentation at American Geophysical Union Fall Meeting, Washington, DC.
- **Lininger, K.B.,** E. Wohl, and D.N. Scott. 2017. How interactions between fluvial processes and large wood structure forested river corridors. EP33F-07. Oral presentation at American Geophysical Union Fall Meeting, New Orleans, LA.
- **Lininger, K.B.,** E. Wohl, and J. Rose. 2017. Floodplain carbon storage in the central Yukon River Basin. Oral presentation at American Association of Geographers Meeting, Boston, MA.

- Wohl, E., and **K.B. Lininger**, 2017. Preventing a leak: Two perspectives on creating supportive environment for graduate student colleagues. Oral presentation at European Geophysical Union General Assembly, Vienna, Austria.
- **Lininger, K.B.,** E. Wohl, and J. Rose. 2016. Geomorphic controls on floodplain organic carbon storage in sediment along five rivers in interior Alaska. EP23B-0962. Poster at American Geophysical Union Fall Meeting, San Francisco, CA.
- **Lininger, K.B.,** E. Wohl, J. Benshoof, and J. Rose. 2016. The influence of channel migration rate and grain size on differences in floodplain organic carbon storage between two rivers in interior Alaska. 36-4. Oral presentation at Geological Society of America Meeting, Denver, CO.
- J. Benshoof*, **K.B. Lininger**, and E. Wohl. 2016. Changes in instream wood over time and the potential impact of log jams on floodplain dynamics in two rivers in interior Alaska. 59-23. Poster at Geological Society of America Meeting, Denver, CO.
- **Lininger, K.B.**, E. Wohl, and J. Rose, 2015. Conditions that maximize floodplain downed wood volumes: a comparison across three biomes. H11E-1398. Poster at American Geophysical Union Annual Meeting, San Francisco, CA.
- Livers, B., **K.B. Lininger**, N. Kramer, and E. Wohl, 2015. Porosity problems: Developing a methodology for logjam porosity calculations in field projects. Poster at Third International Conference on Wood in World Rivers. University of Padova, Italy.
- **Lininger, K.B.**, and E.E. Wohl. 2014. Floodplain organic carbon storage in the central Yukon River basin. Poster at American Geophysical Union Annual Meeting, San Francisco, CA.
- **Lininger, K.B.**, E.M. Latrubesse, and M. Bayer. 2012. Analysis of floodplain storage and sedimentation in the middle Araguaia River, an anabranching system in central Brazil. Poster at American Geophysical Union Annual Meeting, San Francisco, CA.
- **Lininger, K.B.**, E.M. Latrubesse, and K.R. Young. 2012. Environmental change caused by mining in the Peruvian Amazon: The Madre de Dios watershed. Poster at Association of American Geographers Annual Meeting, New York City, New York.
- **Lininger, K.B.** 2011. Geomorphologic change and stakeholder groups in the western Amazon: Proposed research on the impacts of gold mining. Poster at Southwest Association of American Geographers Regional Meeting, Austin, TX.
- May-Tobin, C.C., D.H. Boucher, P. Elias, **K.B. Lininger**, S. Roquemore and E. Saxon. 2011. The root of the problem: A comprehensive literature review of what's driving tropical deforestation today. Poster at Ecological Society of America Annual Meeting, Austin, TX.
- Gill, J.L., E.C. Grimm, S.T. Jackson, **K.B. Lininger**, P. Mueller, G.C. Schellinger, L.E. Straka, and J.W. Williams, 2010. Reconstructing the spatiotemporal patterns of late-glacial no-analog plant communities and megafaunal collapse in the upper Midwest, USA. Ecological Society of America Annual Meeting, Pittsburgh, PA.
- Gill, J.L., J. Donnelly, S.T. Jackson, **K.B. Lininger**, J.P. Marsicek, G. Robinson, B.M. Simonson, and J.W. Williams, 2009. Pleistocene megafaunal collapse in North America

- preceded the Younger Dryas: Evidence from the Midwest. American Geophysical Union Annual Meeting, San Francisco, CA.
- Gill, J.L., J.W. Williams, and **K.B. Lininger**, 2008. Were no-analogue plant communities during the late Pleistocene driven in part by herbivory release following the North American megafaunal extinction? Association of American Geographers Annual Meeting, Boston, MA.

Teaching and Mentoring

University of Colorado Teaching

Year	Semester	Course #: Title	Credit Hours
2018	Fall	GEOG/GEOL 4241: Principles of Geomorphology	4
2019	Spring	GEOG 5241: Ecogeomorphology in River Corridors	3
2019	Fall	GEOG/GEOL 4241: Principles of Geomorphology	4
2020	Spring	GEOG 5241: Fluvial Geomorphology (In person,	3
		remote starting in March)	
2020	Spring	GEOG 1011: Landscapes and Water (In person, remote	4
		starting in March)	
2021	Spring	GEOG 1011: Landscapes and Water (Online lecture, in	4
		person and remote labs)	
2021	Fall	GEOG/GEOL 4241: Principles of Geomorphology	4
2021	Fall	GEOG 1011: Landscapes and Water (Online lecture, in	4
		person and remote labs)	
2022	Fall	GEOG/GEOL 4241: Principles of Geomorphology	4
2022	Fall	GEOG 5241: Fluvial Geomorphology	3
2023	Fall	GEOG/GEOL 4241: Principles of Geomorphology	4
2023	Fall	GEOG 5241: Fluvial Geomorphology	3
2024	Spring	GEOG 5161: Research Design	3
2024	Fall	GEOG/GEOL 4241: Principles of Geomorphology	4
2024	Fall	GEOG 5241: Fluvial Geomorphology	3

Colorado State University

Year	Semester	Course #: Title	Credit Hours
2017	Spring	Geology 454: Geomorphology	4

Committees

Chaired

Lauren Thomas, M.A., ongoing, University of Colorado Boulder Virgil Alfred, M.A., ongoing, University of Colorado Boulder Josie Welch, M.A., ongoing, University of Colorado Boulder Taylor Johaneman, Ph.D., ongoing, University of Colorado Boulder Caleb Fogel, M.A., 2023, University of Colorado Boulder James (Huck) Rees, M.A., 2023, University of Colorado Boulder Taylor Johaneman, M.A., 2022, University of Colorado Boulder Molly Guiney, M.A., 2021, University of Colorado Boulder

Co-advised

Christina Thompson, M.S., ongoing, University of Colorado Boulder Cliff Adamchak, Ph.D., ongoing, University of Colorado Boulder Sáde Cromratie Clemons, M.A., 2023, University of Colorado Boulder

Committee member, University of Colorado

Christopher McNabb, Ph.D. student in Geography, ongoing, primary advisor: H. Barnard

Theodore Kuhn, M.A. student in Geography, ongoing, primary advisor: H. Barnard

Vanessa Gabel, Ph.D. student in Geology, ongoing, primary advisor: G. Tucker

Abigail Eckland, Ph.D. student in Geology, ongoing, primary advisor: I. Overeem

Amir Romly, B.A. in Geology, senior honor's thesis, primary advisor: L. Trower

Kate Drobnich, B.A. in Geology, senior honor's thesis, primary advisor: L. Trower

Briana Prado, M.A. student in Geography, primary advisor: M. Diaz

Xueqian Wang, Ph.D. student in Geography, primary advisor: P. Blanken

Ethan Burns, M.A. in Geography, primary advisor: H. Barnard

Sidney Bush, Ph.D. in Geography, primary advisor: H. Barnard

Kate Hale, Ph.D. in Geography, primary advisor: N. Molotch

Hallie Adams, Ph.D. student in Geography, primary advisor: H. Barnard

Sabrina Kainz, B.A. in Geology, senior honor's thesis, primary advisor: L. Abbot

Erin Cantrell, M.S. M.S. in Civil Engineering, primary advisor M. Gooseff

Nadine Reitman, Ph.D. in Geology, primary advisor: K. Mueller

Will Wicherski, M.A. in Geography, primary advisor: J. Pitlick

Margaret Spangler, M.S. in Civil Engineering, primary advisor M. Gooseff

Baylee Sergent, B.A. in Geology, senior honor's thesis, primary advisor: B. Hynek

Sarah K Jamison-Todd, B.A. in Geology, senior honor's thesis, primary advisor: L. Trower

Committee member, other Universities

Heather Neace, M.S. student in Department of Soil and Water Systems, University of Idaho, primary advisor: L. Lynch

Undergraduate advising and mentoring

Supervised three undergraduate field and research assistants

Supervised undergraduate geography intern Kate Drobnich

2022	Research co-mentor to UNAVCO RESESS intern, topic: Variability in tree ring
	width based on geomorphic position and role in understanding the source of
	downed large wood in rivers, CU Boulder
2021	Supervised undergraduate geography intern Lucy Citrine in research group
2019	Research mentor to UNAVCO RESESS intern, topic: The influence of floodplain
	logjams on floodplain soil moisture, CU Boulder
2014-2017	Supervised two undergraduate research assistants and three independent study
	projects, Geology Department, Colorado State University

Teaching improvement workshops attended

2024	Hidden STEM Inclusive Pedogogy Workshop, Department of Geography,
	University of Colorado, 2 day workshop, April 12-13, 2024
2021	Active Learning by Design Course, University of Colorado, 8 sessions, Fall 2021
2021	Getting started with Playposit, University of Colorado OIT and Playposit,
	December 12, 2021
2020	Creating engaging Canvas course sites using Cidilabs, University of Colorado
	ASSETT program, December 14, 2020
2019	Active learning and group work for groups of any size, University of Colorado
	Faculty Teaching Excellence Program (FTEP), January 24, 2019
2018	Teaching large classes, University of Colorado Faculty Teaching
	Excellence Program (FTEP), December 5, 2018

Student advisee awards and grants

2024	Geological Society of America Stanley Schumm Award, \$3,000, Josie Welsh
2024	University of Wyoming-National Park Service Grant, \$5,000, Taylor Johaneman
2023	University of Wyoming-National Park Service Grant, \$5,000, Taylor Johaneman
2021	Geological Society of America Student Grant, \$1500, Taylor Johaneman
2021	Beverly Sears Student Grant, CU Boulder, \$1000, Taylor Johaneman
2019	Colorado Water Center Student Research Grant, \$5,000, Molly Guiney

Additional teaching activities		
2019-2023	NSF Promoting Research-based Instructional Methods for Enhancing and	
	Reforming STEM Education (PRIMERS) Roundtable Member and Geography	
	Department Representative	
2014-2018	Graduate Teaching Certificate Program, The Institute for Teaching and Learning,	
	Colorado State University, attended multiple workshops to improve teaching	
	techniques	

Service activities

University of Colorado

2023-Present	Graduate student committee, Department of Geography
2020-Present	Faculty co-coordinator, Undergraduate hydrology certificate, Department of
	Geography
2023-2024	Faculty search committee member, Department of Geography
2023	Member of George R. Aiken Graduate Fellowship Review Committee
2022	Faculty search committee member, Department of Geography
2020-2023	Personnel committee, Department of Geography
2021	Member of PUEC committee, Department of Geography
2020-2021	Faculty search committee member, Department of Geography
2018-2020	Colloquium committee, Department of Geography

Professional service activities

External committees, boards, editor positions, and panels	
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2025-present Committee on the Status of Women in Geography member, American	2025-present	Committee on the Status of	Women in	Geography member, An	nerican
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Association of Geographers

2024-Dieselle Associate Euliot, water Resources Researc	2024-present	Associate Editor.	Water Resources Researc	h
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2024-present CUAHSI member representative

2024 Proposal committee for BeaverCon, a national conference on beavers in river

corridors

Review panelist, National Science Foundation Geomorphology and Landuse

Dynamics program

2021-2023 Review Editor, Frontiers in Water, Water and Critical Zone specialty section

2020-2025 American Association of Geographers Geomorphology Specialty Group

Executive Board, President 2024-2025, Secretary/Treasurer 2023-2024, Awards

Committee Chair 2022-2023, Awards Committee 2020-2022

Journal reviews (may be multiple from each journal listed per year)

2024: Earth Surface Processes and Landforms, Science Advances, Environment and Planning F, Environmental Conservation, Water Resources Research, Nature Geosciences, Journal of Geophysical Research: Earth Surface, Geomorphology 2023: Selected as an Outstanding Reviewer for Water Resources Research 2023: Earth Surface Processes and Landforms, Water Resources Research Geomorphology, Science of the Total Environment, AGU Advances, Geology, Frontie,

Geomorphology, Science of the Total Environment, AGU Advances, Geology, Frontiers in Water, Forest Ecology and Management

2022: Earth Surface Processes and Landforms, River Research and Applications, Water Resources Research

2021: Science Advances, Earth Surface Processes and Landforms, Nature

Communications. Water Resources Research

2020: Water Resources Research

2019: Earth Surface Processes and Landforms, Geomorphology, Geophysical Research Letters, Water Resources Research, Water, Wetlands, Earth-Science Reviews, Anthropocene

2018: Eos, Geophysical Research Letters, Remote Sensing, Water Resources Research

Proposal reviews

National Science Foundation Division of Environmental Biology, Hydrologic Sciences, Geomorphology and Landuse Dynamics, and Geochemistry and Geobiology

Conference sessions organized

Conjerence so	essions organized
2024	Co-convener and chair, American Geophysical Union Fall Meeting, EP41B,
	EP43C, and EP 42B Science to Understand, Manage, and Restore Floodplains,
	Watersheds, and Aquatic Habitats I, II and III
2024	Co-convener and chair, American Geophysical Union Fall Meeting, EP41D and
	EP43E Earth Surface Processes and the Global Carbon Cycle I and II
2023	Co-convener and chair, American Geophysical Union Fall Meeting, EP42B and
	EP43D, Ecohydraulics and Ecomorphodynamics: Biophysical Interactions Within
	Fluvial Systems across an Elevation Gradient I and II
2022	Co-convener and chair, Geological Society of America Annual Meeting, 181 -
	T10: Physical and Biological Processes, Interactions, and Restoration in River
	Systems, Oral and Poster sessions
2022	Co-convener and chair, American Association of Geographers Annual Meeting,
	General Geomorphology Poster Session
2021	Co-convener and chair, American Geophysical Union Fall Meeting, EP21A and
	EP25C: Biophysical Interactions in Rivers: Processes, Feedbacks, and Restoration
	I and II.
2019	Co-convener and chair, American Geophysical Union Fall Meeting, EP41D and
	EP53A: Feedbacks among life, landscapes, and processes I and II
2018	Primary convener and chair, American Geophysical Union Fall Meeting, EP34B
	and EP41D: The influence of vegetation and large wood on water, sediment, and
	nutrient dynamics in fluvial and coastal environments I and II
2016	Co-convener, American Geophysical Union Fall Meeting, EP22B: The Flow of
	Organic Carbon through the Landscape
2016	Co-convener and chair, Geological Society of America Annual Meeting, T53:
	Floodplain Hydrogeomorphology: Dynamics of Sediment, Vegetation, and
	Organic Matter in Altered and Unaltered Systems

Additional service activities

- Participated in "Letters to a Scientist." Wrote response letters to 4th grade students at University Hill Elementary School in Boulder, CO, answering their science questions.
- 2022-Present Scientist mentor with Earth Explorers, an outreach program in which middle school students work with a scientist and create short films incorporating science topics
- 2018-Present Advisor for river restoration projects, Lefthand Watershed Oversight Group
 Provide advice and support to Lefthand Watershed Oversight Group for their
 restoration projects. Activities include providing feedback on monitoring
 protocols, help in the field, and attending planning meetings for restoration
 activities.
- 2023 Created and led activities with a stream table for Geography day, an outreach day for high school students organized by the Department of Geography at CU Boulder
- 2021-2023 Member of REEL (CU Restoration Ecology Experimental Learning Program), which involves attending and helping with volunteer projects in collaboration with Wildland Restoration Volunteers along with local high school and middle school student groups
- 2022-2023 Led a field activity at CalWood educational center in collaboration with CU Science Discovery for local middle and high school students, teaching students about stream surveying and river change due to fire, one time per summer in 2022 and 2023.
- 2015-2016 Mentor, PROmoting Geoscience Research Education & SuccesS (PROGRESS) program

 Mentored for an NSF-funded program aimed at retaining undergraduate women in the geosciences.
- Co-founder and Treasurer, Northern Colorado Graduate Women in Science chapter, Colorado State University
 Co-founded and was treasurer for a local chapter of Graduate Women in Science, a national organization aimed at supporting women in the science fields.
 Activities included organizing panels and speakers on enhancing diversity in science, advocating for implementation of paid parental leave policy, and establishing workshop series on diversity for graduate students at Colorado State University.
- Outreach to elementary schools, Fort Collins, Colorado
 Gave guest lectures and lessons to elementary age students on river system health and flooding; organized and judged elementary school science fair.

Media Coverage

- Lovel, S. L. & Reporter-Herald. 2019. Scientists to monitor ecology while Left Hand Creek site undergoes flood restoration this summer [online] Available from: https://www.denverpost.com/2019/05/05/left-hand-creek-flood-restoration/
- Witze A. 2016. Arctic river flood plains are home to hidden carbon. Nature News DOI: 10.1038/nature.2016.20679 [online] Available from: http://www.nature.com/news/arctic-river-flood-plains-are-home-to-hidden-carbon-1.20679
- Dicamillo L. 2016. Parental leave for grad assistants a reality. SOURCE [online] Available from: http://source.colostate.edu/move-in-2016-parental-leave-for-grad-assistants-a-reality/
- Wardell B. 2014. On a rising tide. SOURCE [online] Available from: http://source.colostate.edu/rising-tide/

Additional professional development and synergistic activities

University of Colorado Boulder

2023	CU Boulder Research and Innovation Office Faculty Fellow workshops on
	leadership and communication, January 12-13, May 15-16, and August 15-16,
	2023
2022	LEAP Introductory Leadership Workshop, January 4-5, 2022
2019	PI Academy SEED grant workshop, University of Colorado PI Academy,
	November 6, 2019
2018	PI Academy Orientation, University of Colorado PI Academy, August 30, 2018
2018	Strategic Career Planning workshop, University of Colorado PI Academy,
	October 11, 2018

External professional development activities

Faculty Success Program, National Center for Faculty Development and
Diversity, semester-long program for faculty development
Workshop participant, NSF Workshop on the Application of SmallSat
and Commercial Imagery to Arctic Science, University of Minnesota Polar
Geospatial Center
Sustainability Leadership Fellow, School of Global Environmental Sustainability,
Colorado State University, Participated in fellowship program with professional
development and science communication workshops
Workshop participant, Science communication, Compass
Workshop participant, National Center for Earth Surface Dynamics Summer
Institute on Earth Surface Dynamics, "Coupled hydro-eco-geomorphologic
processes in human dominated landscapes: cascade of changes and the use of
modeling for management and decision making", St. Anthony Falls Laboratory,
MN

2015 Workshop participant, Polar Geospatial Bootcamp, University of Minnesota Polar Geospatial Center

Membership in professional organizations

American Association of Geographers American Geophysical Union Geological Society of America Earth Science Women's Network