

BIOGRAPHICAL INFORMATION: ELLEN E. WOHL

PRESENT POSITION: Professor of Geology and University Distinguished Professor
Dept of Geosciences
Colorado State University
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WEBSITES: <https://sites.warnercnr.colostate.edu/ellenwohl/>
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DEGREES: Arizona State University, Tempe, Arizona
BS in Geology, 1984
University of Arizona, Tucson, Arizona
PhD in Geosciences, 1988

OTHER POSITIONS:

1989-1989 Faculty Research Associate, Dept of Geosciences, University of Arizona
1989-1995 Assistant Professor, Dept of Earth Resources, Colorado State University
1995-2000 Associate Professor, Dept of Earth Resources, Colorado State University

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

Geological Society of America (Fellow)
American Geophysical Union (Fellow)
British Society of Geomorphology (Fellow)

SCHOLARSHIPS, AWARDS, AND HONORS:

Graduation with honors from Arizona State University, magna cum laude
Sulzer Scholarship (University of Arizona), 1984-1985
Graduate Academic Scholarship (University of Arizona), 1984-1985, 1987-1988
SOCAL Fund Grant (University of Arizona), 1986-1987
Sigma Xi Grant-in-Aid-of-Research, 1986-1987
Geological Society of America Research Grant, 1986-1987
Fulbright-Hays Postgraduate Research Grant, 1986-1987
Butler Scholarship (University of Arizona), 1987-1988
Gladys W. Cole Memorial Award, Geological Society of America, 1995
Fellowship, Japan Society for the Promotion of Science, 1995-1996
Water Center Award for Outstanding Contributions to Interdisciplinary Water Education, Research, and Outreach (Colorado State University), 2001
G.K. Gilbert Award, Association of American Geographers, 2000 and 2003
Kirk Bryan Award, Geological Society of America, 2009
Distinguished International Fellow, Department of Geography, Durham University, England, 2010
Scholarship Impact Award, Colorado State University, 2015
Outstanding Mentor Award, Warner College of Natural Resources, Colorado State U, 2015

Ralph Alger Bagnold Medal, European Geosciences Union, 2017
 CSU University Distinguished Professor, 2017
 Distinguished Career Award, GSA Quaternary Geology and Geomorphology Division, 2018
 G.K. Gilbert Award, Earth and Planetary Surfaces Section, AGU, 2018
 Doctor Honoris Causa, University of Lausanne, Switzerland, 2019
 Borland Hydraulics Award, Colorado State University, 2020
 Mel Marcus Distinguished Career Award, AAG, 2020
 University of Arizona Geosciences, Distinguished Alumni Award, 2020
 David Linton Award, British Society for Geomorphology, 2020
 Hydrologic Sciences Award, Hydrologic Sciences Division, AGU, 2022
 G.K. Warren Prize, National Academy of Sciences, 2024

Theses and dissertations supervised and completed: 60 MS theses, 34 PhD dissertations

BIBLIOGRAPHY:

Refereed Publications

309. Katz A, **Wohl** E, Bestgen K, Haworth M. in press. Fine sediment depositional patterns and fish habitat following wildfire and debris flow. *River Research and Applications*.
308. Demuth, B, Parrinello G, **Wohl** E. in press. Rivers are messy: beyond the water bias in research and management. *PLOS Water*.
307. Dodds WK, Barmuta LA, Bernal S, Corman J, Harms TK, Johnson SL, Li L, Cunha DGF, Olden JD, Riis T, Silva LCR, Stella JC, Sullivan P, **Wohl** E. in press. Defining stream riparian zones across multidimensional environmental gradients. *Journal of Environmental Quality*.
306. **Wohl** E, Clark M, Li L, Soulsby C, Tetzlaff D. 2025. Knots in the strings: Do small-scale river features shape catchment-scale fluxes? *WIREs Water* 12, e70036.
305. Rajib A, Lane CR, Morrison RR, Haider MR, Zheng Q, Golden HE, **Wohl** E, Di Baldassare G, Christensen JR. 2025. Barriers to quantifying human alterations of global floodplains and how we can overcome them. *Cell Reports Sustainability* 2, 100433.
304. Huang SH, Sawyer AH, **Wohl** E, Yang QJ. 2025. Flume experiments with refractive-index matched sediment revealing the impact of two in-line channel-spanning logs on hyporheic exchange. *Water Resources Research* 61, e2024WR038355.
303. **Wohl** E, Scamardo J, Morrison RR. 2025. James Buttle Review: Bed, Banks and Beyond: River Flood Dynamics. *Hydrological Processes* 39, e70131.
302. Hahn A, Christensen ND, White DC, **Wohl** E, Morrison RR. 2025. Trajectories of river-floodplain morphology and hydraulics following compounding wildfire-flood disturbances. *Earth Surface Processes and Landforms* 50, e70057.
301. Dwiveli D, **Wohl** E, Poepl R. 2025. A review of hydrologic connectivity: synthesizing current approaches in measurement, modeling, and management and transitioning to novel strategies. *Frontiers in Water* 7, 1496199.
300. **Wohl** E, Inamdar S. 2025. Beaver vs human: The big differences in small dams. *WIREs Water* 12, e70019.
299. **Wohl** E. 2025. Conceptualizing river floodplains. *Earth's Future* 13, e2024EF005681.

298. Zheng H, Tetzlaff D, Birkel C, Chmielewski J, Comte JC, Freymueller J, Goldhammer T, Schmidt A, **Wohl** E, Soulsby C. 2025. Hydrological connectivity and biogeochemical dynamics in the function and management of the Lower Oder floodplain. *Journal of Hydrology* 653, 132708.
297. Gambill I, Marshall A, Benson DA, McFadden S, Navarre-Sitchler A, **Wohl** E, Singha K. 2025. Exploring the influence of morphologic heterogeneity and discharge on transient storage in stream systems. 1. Insights from the field. *Water Resources Research* 61, e2023WR036031.
296. Mason RJ, Johnson MF, **Wohl** E, Russell CE, Olden JD, Polvi LE, Rice SP, Hemsworth MJ, Sponseller RA, Thorne CR. 2025. Rebalancing river lateral connectivity: An interdisciplinary focus for research and management. *WIREs Water* 12: e1766.
295. **Wohl** E. 2024. Nature-based river restoration amidst constraints: Balancing water ecosystems and consumptive water uses on a western USA river. *Ecological Restoration* 42, 290-292.
294. Triantafyllou S, **Wohl** E. 2024. Geomorphic characteristics influencing post-fire river response in mountain streams. *Geomorphology* 466: 109446.
293. Stegen J, Burgin A, Busch M, Fisher J, Ladau J, Abrahamson J, Kinsman-Costello L, Li L, Chen X, Detry T, McDowell N, Tatariw C, Braswell A, ..., **Wohl** E, Zimmer M. 2025. Variable inundation across Earth's terrestrial ecosystems. *Biogeosciences* 22, 995-1034.
292. Ockelford A, **Wohl** E, Ruiz-Villanueva V, Comiti F, Piegay H, Darby S, Parsons D, Yochum SE, Wolstenholme J, White D, et al. 2024. Working with wood in rivers in the western United States. *River Research and Applications* 40: 1626-1641.
291. **Wohl** E, Fryirs K, Grabowski RC, Morrison RR, Sear D. 2024. Enhancing the natural absorbing capacity of rivers to restore their resilience. *BioScience* 74: 782-796.
290. Marshall AE, **Wohl** E. 2024. Islands in the stream: wood-induced deposition and erosion in the river corridor. *Earth Surface Processes and Landforms* 49: 4310-4323.
289. Dunn SB, Rathburn SL, **Wohl** E. 2024. Post-fire sediment attenuation in beaver ponds, Rocky Mountains, CO and WY, USA. *Earth Surface Processes and Landforms* 49: 4340-4354.
288. Follett E, **Wohl** E. 2024. Channel-spanning logjams and reach-scale hydraulic resistance in mountain streams. *Geophysical Research Letters* 51: e2024GL110126.
287. Buscombe D, Warrick JA, Ritchie A, East A, McHenry M, McCoy R, Foxgrover A, **Wohl** E. 2024. Remote sensing large-wood storage downstream of reservoirs during and after dam removal: Elwha River, Washington, USA. *Earth and Space Science* 11: e2024EA003544.
286. **Wohl** E. 2024. Resilience in river corridors: how much do we need? *Perspectives of Earth and Space Scientists* 5, e2023CN000226.
285. **Wohl** E. 2024. Ecosystem benefits of large dead wood in freshwater environments. In, *Oxford Research Encyclopedia of Environmental Science*.
<https://doi.org/10.1093/acrefore/9780199389414.013.907>
284. Humphries P, **Wohl** E, Agostinho AA, Kopf RK, McCasker N, Moyle, P, Thorp J. 2024. Flood ecology. *BioScience* 74, 355-368.
283. Marshall A, **Wohl** E, Iskin E, Zeller L. 2024. Interactions of logjams, channel dynamics, and geomorphic heterogeneity within a river corridor. *Water Resources Research* 60, e2023WR036512.

282. Kemper JT, Knox R, Raffae M, Schulz E, Bailey R, Morrison RR, **Wohl** E. 2024. Estimating catchment-scale sediment storage in a large river basin, Colorado River, USA. *River Research and Applications* 40, 1379-1392.
281. **Wohl** E, Marshall AE, Triantafyllou S, Mobley M, Means-Brous M, Morrison RR. In press. Distribution of logjams in relation to lateral connectivity in the river corridor. *Geomorphology*.
280. **Wohl** E, S Rathburn, S Dunn, E Iskin, A Katz, A Marshall, M Means-Brous, J Scamardo, S Triantafyllou, H Uno. In press. Geomorphic context in process-based river restoration. *River Research and Applications*.
279. Marshall A, RR Morrison, B Jones, S Triantafyllou, E **Wohl**. In press. Handheld lidar as a tool for characterizing wood-rich river corridors. *River Research and Applications*.
278. Iskin E, E **Wohl**. 2023. Interpreting floodplain heterogeneity: using field data to understand unsupervised floodplain classifications. *Journal of Hydrology* 628: 130508.
277. Scamardo J, E **Wohl**. 2024. Recognizing the ephemeral stream floodplain: Identification and importance of flood zones in drylands. *Earth Surface Processes and Landforms* 49: 210-235.
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275. Scamardo J, M Nichols, T Rittenour, E **Wohl**. 2023. Drivers of geomorphic heterogeneity in unconfined non-perennial river corridors. *Journal of Geophysical Research Earth Surface* 128: e2023JF007102.
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273. Hinshaw S, E **Wohl**. 2023. Carbon sequestration potential of process-based river restoration. *River Research and Applications* 39: 1812-1827.
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270. Marshall A, X Zhang, AH Sawyer, E **Wohl**, K Singha. 2023. Logjam characteristics as drivers of transient storage in headwater streams. *Water Resources Research* 59: e2022WR033139.
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268. **Wohl** E, H Uno, SB Dunn, JT Kemper, A Marshall, M Means-Brous, JE Scamardo, SP Triantafyllou. In press. Why wood should move in rivers. *River Research and Applications*.
267. Iskin EP, E **Wohl**. 2023. Quantifying floodplain heterogeneity with field observation, remote sensing, and landscape ecology: methods and metrics. *River Research and Applications* 39: 911-929.
266. Sendrowski A, E **Wohl**, R Hilton, N Kramer, P Ascough. 2023. Wood-based carbon storage in the Mackenzie River Delta: The world's largest mapped riverine wood deposit. *Geophysical Research Letters* 50: e2022GL100913.

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264. Scamardo J, PA Nelson, M Nichols, E **Wohl**. 2022. Modeling the relative morphodynamic influence of vegetation and large wood in a dryland ephemeral stream, Arizona, USA. *Geomorphology* 417: 108444.
263. **Wohl** E, Knox RL. 2022. A first-order approximation of floodplain soil organic carbon stocks in a river network: the South Platte River, Colorado, USA as a case study. *Science of the Total Environment* 852: 158507.
262. Norman LM, R Lal, E **Wohl**, E Fairfax, AC Gellis, MM Pollock. 2022. Natural infrastructure in dryland streams (NIDS) can establish regenerative wetland sinks that reverse desertification and strengthen climate resilience. *Science of the Total Environment* 849: 157738.
261. Scott D, S Shahverdian, R Flitcroft, E **Wohl**. 2022. Geomorphic heterogeneity as a framework for assessing river corridor processes and characteristics. *River Research and Applications* 38: 1893-1901.
260. White DC, RR Morrison, E **Wohl**. 2022. Fire and ice: winter flooding in a Southern Rocky Mountain stream after a wildfire. *Geomorphology* 413: 108370.
259. Knox RL, EE **Wohl**, RR Morrison. 2022. Levees don't protect, they disconnect: a critical review of how artificial levees impact floodplain functions. *Science of the Total Environment* 837: 155773.
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257. **Wohl** E, E Iskin. 2022. The transience of channel-spanning logjams in mountain streams. *Water Resources Research* 58: e2021WR031556.
256. Knox RL, RR Morrison, EE **Wohl**. 2022. Identification of artificial levees in the contiguous United States. *Water Resources Research*: e2021WR031308.
255. Hinshaw S, E **Wohl**, JD Burnett, S Wondzell. 2022. Development of a geomorphic monitoring strategy for stage 0 restoration in the South Fork McKenzie River, Oregon, USA. *Earth Surface Processes and Landforms* 47: 1937-1951.
<https://onlinelibrary.wiley.com/doi/full/10.1002/esp.5356>
254. **Wohl** E, J Scamardo. 2022. Patterns of organic matter accumulation in dryland river corridors of the southwestern United States. *Science of the Total Environment* 833: 155136.
253. **Wohl** E. 2022. Logjam fluctuations during the decade after a major blowdown along a mountain stream in the US Southern Rockies. *Earth Surface Processes and Landforms* 47: 669-705.
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251. Scamardo J, S Marshall, E **Wohl**. 2022. Estimating widespread beaver dam loss: habitat decline and surface storage loss at a regional scale. *Ecosphere* 13: e3962.
250. **Wohl** E, E Iskin. 2021. Damming the wood falls. *Science Advances* 7:eabj0988.
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- Research: Earth Surface 126: e2021JF006076.
247. **Wohl** E, J Castro, B Cluer, D Merritts, P Powers, B Staab, C Thorne. 2021. Rediscovering, reevaluating, and restoring lost river-wetland corridors. *Frontiers in Earth Science: Hydrosphere*: 9, 653623. doi: 10.3389/feart.2021.653623
 246. Sendrowski A, E **Wohl**. 2021. Remote sensing of large wood in high resolution satellite imagery: design of an automated classification workflow for multiple wood deposit types. *Earth Surface Processes and Landforms* 46: 2333-2348.
 245. **Wohl** E. 2021. Conceptualizing rivers as ecosystems. *Earth Surface Processes and Landforms* 46: 1652-1654.
 244. Marshall A, E Iskin, E **Wohl**. 2021. Seasonal and diurnal fluctuations of coarse particulate organic matter transport in a snowmelt-dominated stream. *River Research and Applications* 37: 815-825.
 243. Iskin E, E **Wohl**. 2021. Wildfire and the patterns of floodplain large wood on the Merced River, Yosemite National Park, California, USA. *Geomorphology* 389: 107805.
 242. Schalko I, E **Wohl**, HM Nepf. 2021. Flow and wake characteristics associated with large wood to inform river restoration. *Scientific Reports* 11: 8644.
 241. Sutfin NA, E **Wohl**, T Fegelman, N Day, L Lynch. 2021. Logjams and channel morphology influence sediment storage, transformation of organic matter, and carbon storage within mountain stream corridors. *Water Resources Research* 57: e2020WR028046.
 240. **Wohl** E. 2021. An integrative conceptualization of floodplain storage. *Reviews of Geophysics* 59: e2020RG000724.
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 238. **Wohl** E. 2021. Legacy effects of loss of beavers in the continental United States. *Environmental Research Letters* 16: 025010.
 237. Swanson FJ, SV Gregory, A Iroume, V Ruiz-Villanueva, E **Wohl**. 2021. Reflections on the history of research on large wood in rivers. *Earth Surface Processes and Landforms* 46: 55-66.
 236. Grabowski J, E **Wohl**. 2020. Logjam attenuation of annual sediment waves in eolian-fluvial environments, North Park, Colorado, USA. *Geomorphology* 375: 107494.
 235. **Wohl** E, JE Scamardo. 2021. The resilience of logjams to floods. *Hydrological Processes* 35: e13970.
 234. Kornse Z, E **Wohl**. 2020. Assessing the restoration potential for beaver (*Castor canadensis*) in the semiarid foothills of the Southern Rockies, USA. *River Research and Applications* 36: 1932-1943.
 233. Ortega-Becerril JA, B Livers, E **Wohl**. 2020. Regional- to local-scale controls on waterfalls in Rocky Mountain National Park, Colorado. *Journal of Mountain Science* 17: 1874-1890.
 232. Hinshaw S, E **Wohl**, D Davis. 2020. The effects of longitudinal variations in valley geometry and wood load on flood response. *Earth Surface Processes and Landforms* 45: 2927-2939.
 231. **Wohl** E. 2020. Rivers in the Anthropocene: the US perspective. *Geomorphology* 366: 106600.
 230. Doughty MN, E **Wohl**, AH Sawyer, K Singha. 2020. Mapping increases in hyporheic exchange from channel-spanning logjams. *Journal of Hydrology* 587: 124931.

229. Scott DN, E **Wohl**. 2020. Geomorphology and climate interact to control organic carbon stock and age in mountain river valley bottoms. *Earth Surface Processes and Landforms* 45: 1911-1925.
228. Scamardo JE, E **Wohl**. 2020. Sediment storage and shallow groundwater response to beaver dam analogs in the Colorado Front Range, USA. *River Research and Applications* 36: 398-409.
227. **Wohl** E. 2020. Wood process domains and wood loads on floodplains. *Earth Surface Processes and Landforms* 45: 144-156.
226. Scott, DN, E **Wohl**, SE Yochum. 2019. Wood jam dynamics database and assessment model (WoodDDAM): A framework to measure and understand wood jam characteristics and dynamics. *River Research and Applications* 35: 1466-1477.
225. **Wohl** E, E Iskin. 2019. Patterns of floodplain spatial heterogeneity in the Southern Rockies, USA. *Geophysical Research Letters* 46: 5864-5870.
224. **Wohl** E, KB Lininger, SL Rathburn, NA Sutfin. 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: 38-55.
223. **Wohl** E. 2019. Forgotten legacies: Understanding and mitigating historical human alterations of river corridors. *Water Resources Research* 55: 5181-5201.
222. Ruiz-Villanueva V, B Mazzorana, E Blade, I Ribarren, L Mao, F Nakamura, D Ravazzolo, D Rickenmann, M Sanz-Ramos, M Stoffel, E **Wohl**. 2019. Characterization of wood-laden flows in rivers. *Earth Surface Processes and Landforms* 44: 1694-1709.
221. Sutfin NA, E **Wohl**. 2019. Elevational differences in hydrogeomorphic disturbance regime influence sediment residence times within mountain river corridors. *Nature Communications* 10: 2221.
220. Lininger KB, E **Wohl**. 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* 193: 24-44.
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218. **Wohl** E, SK Hinshaw, JE Scamardo, PE Gutierrez-Fonseca. 2019. Transient organic jams in Puerto Rican mountain streams after hurricanes. *River Research and Applications* 35: 280-289.
217. **Wohl** E, N Kramer, V Ruiz-Villanueva, DN Scott, F Comiti, A Gurnell, H Piegay, KB Lininger, K Jaeger, D Walters, K Fausch. 2019. The natural wood regime in rivers. *BioScience* 69: 259-273.
216. **Wohl** E, G Brierley, D Cadol, TJ Coulthard, T Covino, KA Fryirs, G Grant, RG Hilton, SN Lane, FJ Magilligan, KM Meitzen, P Passalacqua, RE Poepl, SL Rathburn, and LS Sklar. 2019. Connectivity as an emergent property of geomorphic systems. *Earth Surface Processes and Landforms* 44: 4-26.
215. Laurel D, E **Wohl**. 2019. The persistence of beaver-induced geomorphic heterogeneity and organic carbon stock in river corridors. *Earth Surface Processes and Landforms* 44: 342-353.
214. Scott DN, E **Wohl**. 2019. Bedrock fracture influences on geomorphic process and form across process domains and scales. *Earth Surface Processes and Landforms* 44: 27-45.

213. **Wohl** E, KB Lininger, DN Scott. 2018. River beads as a conceptual framework for building carbon storage and resilience to extreme climate events into river management. *Biogeochemistry* 141: 365-383.
212. Scott DN, EE **Wohl**. 2018. Geomorphic regulation of floodplain soil organic carbon concentration in watersheds of the Rocky and Cascade Mountains, USA. *Earth Surface Dynamics* 6: 1101-1114.
211. Wollheim WM, S Bernal, DA Burns, JA Czuba, CT Driscoll, AT Hansen, RT Hensley, JD Hosen, S Inamdar, SS Kaushal, LE Koenig, YH Lu, A Marzadri, PA Raymond, D Scott, RJ Stewart, PJ Vidon, E **Wohl**. 2018. River network saturation concept: factors influencing the balance of biogeochemical supply and demand of river networks. *Biogeochemistry* 141: 503-521.
210. Scott DN, EE **Wohl**. 2018. Natural and anthropogenic controls on wood loads in river corridors of the Rocky, Cascade, and Olympic Mountains, USA. *Water Resources Research* 54: 7893-7909.
209. **Wohl** E. 2018. The challenges of channel heads. *Earth-Science Reviews* 185: 649-664.
208. **Wohl** E, DN Scott, KB Lininger. 2018. Spatial distribution of channel and floodplain large wood in forested river corridors of the Northern Rockies. *Water Resources Research* 54: 7879-7892.
207. **Wohl** E. 2018. Geomorphic context in rivers. *Progress in Physical Geography* 42: 841-857.
206. Herdrich AT, DL Winkelman, MP Venarsky, DM Walters, E **Wohl**. 2018. The loss of large wood affects Rocky Mountain trout populations. *Ecology of Freshwater Fishes* 27: 1023-1036.
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204. **Wohl** E, A Pfeiffer. 2018. Organic carbon storage in floodplain soils of the U.S. prairies. *River Research and Applications* 34: 406-416.
203. **Wohl** E, D Cadol, A Pfeiffer, K Jackson, D Laurel. 2018. Distribution of large wood within river corridors in relation to flow regime in the semiarid western US. *Water Resources Research* 54: 1890-1904.
202. Lininger KB, E **Wohl**, JR Rose. 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.
201. Pfeiffer A, E **Wohl**. 2018. Where does wood most effectively enhance storage? Network-scale distribution of sediment and organic matter stored by instream wood. *Geophysical Research Letters* 45. <https://doi.org/10.1002/2017GL076057>.
200. Livers B, E **Wohl**, KJ Jackson, NA Sutfin. 2018. Historical land use as a driver for alternative states of stream form and function in forested mountain watersheds of the Southern Rocky Mountains. *Earth Surface Processes and Landforms* 43: 669-684.
199. **Wohl** E, KB Lininger, M Fox, B Baillie, WD Erskine. 2017. Instream large wood loads across bioclimatic regions. *Forest Ecology and Management* 404: 370-380.
198. Wegener P, T Covino, E **Wohl**. 2017. Beaver-mediated lateral hydrologic connectivity, fluvial carbon and nutrient flux, and aquatic ecosystem metabolism. *Water Resources Research* 53: 4606-4623.
197. **Wohl** E, KB Lininger, JS Baron. 2017. Land before water: the relative temporal

- sequence of human alteration of freshwater ecosystems in the conterminous United States. *Anthropocene* 18: 27-46.
196. **Wohl** E. 2017. Connectivity in rivers. *Progress in Physical Geography* 41: 345-362.
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 194. **Wohl** E. 2017. The significance of small streams. *Frontiers of Earth Science* 11: 447-456.
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 192. Sutfin NA, E **Wohl**. 2017. Substantial soil organic carbon retention along floodplains of mountain streams. *Journal of Geophysical Research Earth Surface* 122: 1325-1338.
 191. **Wohl** E, RO Hall, KB Lininger, NA Sutfin, DM Walters. 2017. Carbon dynamics of river corridors and the effects of human alterations. *Ecological Monographs* 87: 379-409.
 190. **Wohl** E, D Scott. 2017. Transience of channel head locations following disturbance. *Earth Surface Processes and Landforms* 42: 1132-1139.
 189. Scott DN, EE **Wohl**. 2017. Evaluating carbon storage on subalpine lake deltas. *Earth Surface Processes and Landforms* 42: 1472-1481.
 188. Rathburn SL, GL Bennett, EE **Wohl**, C Briles, B McElroy, N Sutfin. 2017. The fate of sediment, wood, and organic carbon eroded during an extreme flood, Colorado Front Range, USA. *Geology* 45: 499-502.
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 183. Laurel D, E **Wohl**. 2017. Examining the effect of geomorphic characteristics on pool temperatures for native fish habitat management in mountainous stream networks. *Earth Surface Processes and Landforms* 42: 1299-1307.
 182. Ortega-Becerril JA, A Jorge-Coronado, G Garzon, E **Wohl**. 2017. Sobrarbe Geopark: an example of highly diverse bedrock rivers. *Geoheritage* 9: 533-548.
 181. **Wohl** E. 2016. River geomorphic complexity. *Progress in Physical Geography* 40, 598-615.
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 179. **Wohl** E, S Rathburn, S Chignell, K Garrett, D Laurel, B Livers, et al. 2017. Mapping longitudinal stream connectivity in the North St. Vrain Creek watershed of Colorado. *Geomorphology* 277: 171-181.
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- rivers. *Geomorphology* 279: 3-26.
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Primary advisor for the following graduate students (completion date)

MS (59)

- 1.Kathy Adenlof (1992)
- 2.Susan Fuertsch (1992)
- 3.Mario Mejia-Navarro (1992)
- 4.Michael Grimm (1993)
- 5.Marsha Hilmes (1993)
- 6.Clifford Blizard (1994)
- 7.Lauren Hammack (1994)
- 8.Michael Martin (1994)
- 9.Rebecca Smith (1994)
- 10.Douglas Thompson (1994)
- 11.Michael Liquori (1995)
- 12.Susan Madsen (1995)
- 13.Jill Minter (1996)
- 14.Jonathan Pruess (1996)
- 15.Carolyn Trayler (1997)
- 16.Janet Curran (1999)
- 17.Jasper Hardison (2000)
- 18.Stephanie Phippen (2000)
- 19.William MacFarlane (2001)
- 20.Gregory Stewart (2001)
- 21.Ronald Zelt (2002)
- 22.Chris Jaquette (2003)

PhD (34)

- 1.Mario Mejia-Navarro (1995)
- 2.Nancy Hoefs (1996)
- 3.Brian Cluer (1997)
- 4.Mette Jordan (1997)
- 5.Douglas Thompson (1997)
- 6.Edmund Wick (1998)
- 7.Dan Cenderelli (1998)
- 8.David Merritt (1999)
- 9.Sara Rathburn (2001)
- 10.Gregory Springer (2002)
- 11.Allen Gellis (2003)
- 12.Andrew Wilcox (2005)
- 13.Nancy Brown (2006)
- 14.Ian Dubinski (2009)
- 15.Jaime Goode (2009)
- 16.Kristin Jaeger (2009)
- 17.Dan Cadol (2010)
- 18.Gabrielle David (2011)
- 19.Lina Polvi (2011)
- 20.Natalie Beckman (2012)
- 21.Susan Howe (2013)
- 22.Dai Thomas (2014)

23. Tracy Phelps (2003)
24. Kurt Sable (2004)
25. Ian Dubinski (2005)
26. Jaime Goode (2005)
27. Francis Rengers (2005)
28. Dan Cadol (2007)
29. Gabrielle David (2007)
30. Amy Nowakowski (2007)
31. Paul Dante (2009)
32. Lina Polvi (2009)
33. Zan Rubin (2010)
34. Jameson Henkle (2010)
35. Elizabeth Gilliam (2011)
36. Natalie Kramer (2011)
37. Tyanna Schlom (2012)
38. Nicholas Sutfin (2012)
39. Jonathan Garber (2013)
40. Simeon Caskey (2013)
41. Bridget Livers (2013)
42. Heidi Klingel (2013)
43. Karen Jackson (2014)
44. DeAnna Laurel (2014)
45. Dena Hicks (2015)
46. Dan Scott (2015)
47. Elizabeth Oswald (2015)
48. Krista Garrett (2016)
49. Andrew Pfeiffer (2017)
50. Julianne Scamardo (2019)
51. Ethan Ader (2019)
52. Sarah Hinshaw (2019)
53. Zachary Kornse (2020)
54. Julia Grabowski (2020)
55. Emily Iskin (2020)
56. Anna Marshall (2021)
57. Mickey Means-Brous (2023)
58. Shayla Triantafillou (2024)
59. Aaron Katz (2024)
60. Katherine Larkin (2025)

23. Umit Duru (2015)
24. Nick Sutfin (2015)
25. Natalie Kramer Anderson (2016)
26. Bridget Livers (2016)
27. Katherine Lininger (2018)
28. Dan Scott (2018)
29. DeAnna Laurel (2019)
30. Richard Knox (2022)
31. Sarah Hinshaw (2022)
32. Emily Iskin (2023)
33. Julianne Scamardo (2023)
34. Anna Marshall (2024)