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Ph.D. Student in Earth System Science, admitted Autumn 2026

Publications

PUBLICATIONS

- **Early release of juvenile fall-run Chinook Salmon benefit adult returns** *NORTH AMERICAN JOURNAL OF FISHERIES MANAGEMENT*
Adase, K., Austing, S., Offill, K., Payton, Q., Evans, A. F., Niemela, K.
2026; 46 (1): 26-39
- **Uncovering biodiversity priorities for appalachian streams through taxonomic and functional diversity mapping** *ECOLOGICAL INDICATORS*
Adase, K. A., Arantes, C. C., Murry, B. A., Smith, D., Wellman II, D.
2025; 181
- **Ecosystem Size and Functional Group Relative Abundance Drive Stream Community Body Size Structure** *FISHES*
Landreth, J. H., Murry, B. A., Adase, K. A., Arantes, C. C., Smith, D. M., Wellman Jr, D. I., Junker, J. R., Pomeranz, J. P. F., Wesner, J. S.
2025; 10 (8)
- **Functional and Taxonomic Responses of Fish Assemblages to Low-Head Dam Removals** *FRESHWATER BIOLOGY*
Adase, K. A., Arantes, C. C., Murry, B. A., Wellman Jr, D. I., Smith, D. M.
2025; 70 (4)
- **Estimating predation of adult sockeye salmon by American white pelicans in the Columbia River using a state-space Bayesian approach** *CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES*
Payton, Q., Evans, A. F., Fryer, J., Matala, A., Porter, M., Adase, K., Kock, T.
2025; 82: 1-13
- **Length-Weight Relationships for 44 Central Appalachian Fish Species** *JOURNAL OF APPLIED ICHTHYOLOGY*
Driehaus, E. R., Landreth, J., Adase, K., Smith, D., Wellman, D., Arantes, C. C., Murry, B. A.
2023; 2023
- **Community size-spectra applied to recreational freshwater fisheries in Puerto Rican reservoirs** *FISHERIES MANAGEMENT AND ECOLOGY*
Murry, B. A., Olmeda, M., Lilyestrom, C., Adams, D. S., Adase, K., Garcia-Bermudez, M.
2024; 31 (2)