

CURRICULUM VITAE

Calendar Year 2025

S. CONOR KEITZER

Integration and Application Network

University of Maryland Center for Environmental Science

Certification

I have reviewed this Curriculum Vitae and here certify
that it is a current and accurate statement of my
professional record for this calendar year.

CURRICULUM VITAE

S. Conor Keitzer

Integration and Application Network

University of Maryland Center for Environmental Science

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I. Education

2004 B.Sc., University of Florida, Wildlife Ecology and Conservation.

2007 M.S., Marshall University, Biological Sciences.

2013 Ph.D., Purdue University, Fisheries and Aquatic Sciences.

II. Professional Background

2013-2016 Postdoctoral Researcher, Aquatic Ecology Laboratory, The Ohio State University, Columbus, OH.

2016-2021 Assistant Professor, Biology Department, Tusculum University, Greeneville, TN.

2021-2023 Associate Professor, Biology Department, Tusculum University, Greeneville, TN

2023- Science Integrator, Integration and Application Network, University of Maryland Center for Environmental Science, Annapolis, MD.

III. Research

A. Areas of professional expertise

Freshwater ecology, watershed conservation, herpetology, data synthesis, project management, ecosystem assessments, climate change impacts, and science communication

B. Peer-Reviewed Publications

1. Papers in Refereed Journals (2021-2025)

Kua, Z.X., I.M. Hamilton, A.L. McLaughlin, R.M. Brodrik, **S.C. Keitzer**, J. Gilliland, E.A. Hoskins, and S.A. Ludsin. 2021. Water warming heats up fish aggression. *Scientific Reports*, 10, xxxx. doi: 10.1038/s41598-020-76780-1

Morgan, R.L. and **S.C. Keitzer**. 2021. Survey of woodland salamanders in southern Greene County, Tennessee. *Tennessee Journal of Herpetology*, 4, 14-21.

Fraker, M., N.A. Aloysius, J.M. Martin, **S.C. Keitzer**, D. Dippold, H. Yen, J. Arnold, P. Daggupati, M.V. Johnson, D. Robertson, S. Sowa, M. White, and S. Ludsin. 2023. Agricultural conservation practices could help offset climate change

impacts on harmful algal blooms in Lake Erie. *Journal of Great Lakes Research*, 49, 209-219.

2. Technical Reports (2023-2025)

Dennison, B., **S.C. Keitzer**, N. Miller, and A. Fries. 2023. 2022 Maryland Coastal Bays Report Card. Maryland Coastal Bays Program.

Kelsey, H., A. Fries, **C. Keitzer**, A. Carew, A. Foo, N. Miller, J. Edgerton, and A. Fife. 2024. Southeast Michigan Report Card.

Kelsey, H., A. Fries, **C. Keitzer**, A. Carew, A. Foo, N. Miller, J. Edgerton, and A. Fife. 2024. Rogue River Watershed Report Card.

Kelsey, H., A. Fries, **C. Keitzer**, A. Carew, A. Foo, N. Miller, J. Edgerton, and A. Fife. 2024. River Raisin Report Card.

Kelsey, H., A. Fries, **C. Keitzer**, A. Carew, A. Foo, N. Miller, J. Edgerton, and A. Fife. 2024. Huron River Watershed Report Card.

Kelsey, H., A. Fries, **C. Keitzer**, A. Carew, A. Foo, N. Miller, J. Edgerton, and A. Fife. 2024. Detroit River Watershed Report Card.

Kelsey, H., A. Fries, **C. Keitzer**, A. Carew, A. Foo, N. Miller, J. Edgerton, and A. Fife. 2024. Clinton River Watershed Report Card.

Fries, A., **C. Keitzer**, A. Carew, J. Edgerton, and A. Foo. 2024. Methodology of socio-environmental report cards for the Clinton, Detroit, Huron, River Raisin, and Rouge Rivers.

Kelsey, H., A. Fries, R. Nair, **C. Keitzer**, K.M. Laumann, and N. Miller. 2024. IAN Strategic Plan 2025-2030.

North, E.W., M. Fabra, **C. Keitzer**, R. Nair, and M. Gray. 2025. Symposium on alternative substrate for oysters: report on the virtual symposium held Feb 26-28, 2024.

Laumann, K.M., S. Schaefer, **C. Keitzer**, A. Carew, and L. Badri. 2025. Charles County climate adaptation report card.

Laumann, K.M., **C. Keitzer**, A. Carew, and L. Badri. 2025. Charles County adaptation report card methods document.

Keitzer, C., K.M. Laumann, S. Anderson, and A. Carew. 2025. Eastport's preparedness for extreme weather.

Keitzer, C., K.M. Laumann, S. Anderson, and A. Carew. 2025. Pine Street's preparedness for extreme weather.

Foo, A., L. Badri, **C. Keitzer**, A. Fries, H. Kelsey, B. Dennison, and D. Nemazie. 2025. 1925 Chesapeake Bay Report Card.

Foo, A., **C. Keitzer**, L. Badri, H. Kelsey, and A. Fries. 2025. 2025 Chesapeake Bay & Watershed Report Card.

C. Contracts and Grants

1. Awarded

Co-creating solutions for environmental stewardship in overburdened communities.
Submitted to CBT. \$167,540

Underground underwater at the Thompson Quarter – An immersive America250
experience. Preservation Maryland. \$12,148

Underground underwater. CBT. \$12,148

2. Submitted

D. Seminars and Presentations (just 2025)

North, E., M. Fabra, M. Gray, S. Alexander, O. Caretti, **C. Keitzer**, D. Nemazie, V. Lyubchich, E. Merk, and R. Nair. 2025. Substrates and alternatives: evaluations and updates. East Coast Commercial Fisherman's and Aquaculture Trade Expo. Ocean City, MD.

Delesantro, J., **C. Keitzer**, and R. Nair-Gonzalez. 2025. Progress on Phase 7 nutrient inputs and sensitivities. Chesapeake Bay Program Modelling Group's Quarterly Meeting.

Keitzer, C., S. Anderson, A. Carew, and K.M. Laumann. 2025. Assessing and communicating climate resilience at the community level in Maryland, USA. Second International Symposium on Coastal Resilience. Merida, Yucatan, Mexico.

E. Active Memberships in Professional Societies

International Association of Great Lakes Research
Coastal and Estuarine Research Federation

IV. Outreach and Service

A. Service to Integration and Application Network

2023- Integration and Application Network Data Management Team
2024- Office management
2025- Organized regular activities (e.g., journal club) based on goals in the IAN Strategic Plan

B. Service

2025- Salinity Risks Steering Committee for the Chesapeake Research Consortium's Scientific and Technical Advisory Committee

2025- Advisory Board for the Blacks of the Chesapeake Foundation's Strategic Planning