Kevin Rose

Frederic R. Kolleck ?52 Career Development Chair in Freshwater Ecology at Rensselaer Polytechnic Institute

Troy, NY, NY, US

Computational modeling of links between freshwater ecology and carbon cycling

Biography

Dr. Rose?s research spans aquatic ecology and biogeochemistry to understand how human and natural processes affect aquatic ecosystems in complex and often unpredicted ways. A goal of his lab group is to understand water bodies in a regional to global context, with an emphasis on understanding how freshwater ecosystems are responding to environmental changes such as land use and climate change. This interdisciplinary research draws on skills in biology, ecology, biogeochemistry, hydrology, advanced environmental sensors, and computational modeling.

Areas of Expertise

Climate Change, Aquatic Ecology, Carbon Cycling, Freshwater Ecosystems, Biogeochemistry, Computational Modeling

Education

Miami University
Doctorate Evolution and Environmental Biology

Lehigh University
Bachelors of Science International Relations

Lehigh University
Bachelors of Science Materials Science and Engineering

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