KYLE COMPARE

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Florida State University
EOAS Building Rm 3037
1011 Academic Way
Tallahassee, FL 32306-4520

EDUCATION

Ph.D. Florida State University, Geology — In Progress
Research Area: Groundwater-surface water interaction in karst environments
Advisor: Ming Ye

M.S. Florida State University, Geology — 2020
Thesis: "Development and testing of an automated, in-situ groundwater seepage meter"

B.S. Florida State University, Geology — 2018
Minor in Chemistry
Magna Cum Laude
Honors Thesis: "Using natural radon (^{222}Rn) as a tracer of groundwater discharge in Lake Bradford"

PROFESSIONAL EXPERIENCE

Florida State University — 2018-present
Graduate Research/Teaching Assistant

Kansas Geological Survey, University of Kansas, Lawrence, KS — 2020
Applied Geohydrology Intern
- Project: Characterizing Intermittency and Subsurface Heterogeneity in the Middle Arkansas River Basin

Florida Geological Survey, Tallahassee, FL — 2017
GIS Intern

TEACHING EXPERIENCE

Florida State University — 2018-Present
Teaching Assistant
- Introduction to Earth Science Laboratory
- Introduction to Environmental Science and Lab
- Senior Environmental Science Capstone
- Introduction to Remote Sensing and GIS

TECHNICAL REPORTS

Compare, K., Zipper, S. C., Zhang, C., & Seybold, E. (2021). Characterizing Streamflow Intermittency and Subsurface Heterogeneity in the Middle Arkansas River Basin (Kansas Geological Survey Open File Report 2021–1; p. 26).

PRESENTATIONS

Compare, K., Zipper, S., Seybold, E., Zhang, C., Groundwater-Driven Intermittency Regimes in a Seventh Order Intermittent River. Presented at American Geophysical Union Fall Meeting, 2020. [Oral]

Compare, K., Ye, M., Dominguez, D., Development and Testing an Automated, In-Situ Groundwater Seepage Meter. Presented at Geological Society of America Annual Meeting, 2020. [Oral]

Compare, K. Groundwater Seepage: Measuring the Unseen, Master's in 4 Finalist Competition, Florida State University, 2020 [Oral]

Compare, K. Using Natural Radon (^{222}Rn) as a Tracer of Groundwater Discharge into Lake Bradford. Presented at College of Arts and Sciences Celebration of Philanthropy Student Showcase, Florida State University, 2018 [Poster].

PROFESSIONAL SERVICE

AGU Hydrology Section - Groundwater Technical Committee 2021-Current
Student Member

AGU Hydrology Section Student Subcommittee (AGU-H3S) Member 2021-Current

OUTREACH

Skype-a-Scientist
Guest Geologist, Chatsworth Elementary School, 4th grade, December 2020.

Science Fair Judge
Capital Regional Science Fair, Tallahassee, February 2017

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers, 2021
American Geophysical Union, 2020-Present
Geological Society of America, 2016-Present

ADDITIONAL ACHIEVEMENTS

FSU Master's in 4 Competition Finalist (2018)
Geologist in Training (FL) Certification (2018)
Eagle Scout (2014)