

Steven R. Schultze

University of South Alabama, Assistant Professor, Department of Earth Sciences

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EDUCATIONAL CREDENTIALS

Ph.D. (Geography) *Michigan State University, 2015.*

Dissertation: “Effects of Climate Change and Climate Variability on the Michigan Wine Grape Industry”

Advisor: Dr. Lifeng Luo

M.A. (Geography) *Western Michigan University, 2011.*

Thesis: “Hydrologic Modeling of Wetland Loss in North-Central Florida”

Advisor: Dr. Chansheng He

B.A. (Geography) *University of Florida, 2008.*

ACADEMIC APPOINTMENTS

GIS Center Director, Department of Earth Sciences, University of South Alabama, Spring 2020 – present (*pending administrative approval*)

GIS Program Coordinator, Department of Earth Sciences, University of South Alabama, Fall 2017 – present

Graduate Faculty, Associate Member, University of South Alabama. Fall 2017 – present.

Assistant Professor of Geography, Department of Earth Sciences, University of South Alabama. Fall 2015 – present.

Adjunct Faculty, Behavioral and Social Sciences Department, Oakland Community College – Orchard Ridge Campus, Fall 2012 – Spring 2015.

COURSES TAUGHT

University of South Alabama

GEO101 – Atmospheric Processes

MET/GEO 341/443 – Climatology

GEO 435 – Research Methods

GEO 475 – Field Work: Michigan Landscapes

GEO490(H) – Geography of Alcohol

GEO496/596 – Internship in Geography

GEO 102 – Landscape Processes

GEO 410 – Biogeography

GIT 461 – Environmental Applications of GIS

GEO 490 – Geographies of Sport

GEO494/594 – Directed Studies

GIT496/596 – Internship in GIS

PEER-REVIEWED PUBLICATIONS

Schultze, S.R., Campbell, M.N., Walley, S., Pfeiffer, K., Wilkins, B. 2020. Exploration of sub-

NON PEER REVIEWED PUBLICATIONS.

Schultze, S.R. 2020. Map of American Viticultural Areas (AVAs) of the Midwestern United States. Midwest Viticultural Production. Ohio State Press.

Schultze, S.R., Hall, B., Sabbatini, P., Dami, I. 2016. Midwest Viticultural Production. Ohio State Press. Book Chapter: "Climate and climate change effects on grapes." (*In review.*)

PRESENTATIONS

2020 "Implications of a Climate Changed Atmosphere on Cool Climate Viticulture."

Colloquia presented at Michigan State University (part of Student Presentation Competition): “Spatial and Temporal Study of Climatic Variability on Grape Production in the Lake Michigan Shore AVA.” **Schultze, S.R.**, Sabbatini, P., Andresen, J.A.

“Just How Cold Was It?” Sabbatini P., **Schultze S.R.**, Howell G.S. 2014 Michigan Grape and Wine Conference, February 26-28, Traverse City, Michigan.

2013

2019: “Spatial distribution of tick population in Alabama (Working Title).” Student: Skyler Kerr (Biology), Role: Committee Member

2018: “Gopher Tortoise Habitat Indicators in the Upper-Mid Gulf Coast (Working Title).”

MEDIA AND OUTREACH-RELATED PUBLICATIONS

Schultze, S.R. 2019. "Climate Change and Wine – Is the Glass Half Full or Half Empty?" Union of Concerned Scientists Blog. <https://blog.ucsusa.org/science-blogger/climate-change-and-wine>

Schultze S.R. 2015. Organizational materials for 2015 AAG Annual meeting Wine Specialty Group Field Trip

Schultze S.R. 2014. "4-minute video" lecture series for GEO203V, Michigan State University Virtual University

Schultze S.R. 2013. "90-second(ish) video" lecture series for GEO206V, Michigan State University Virtual University (2013)

PROFESSIONAL AFFILIATIONS

Honor Societies

- Gamma Theta Upsilon, Western Michigan University (Alpha Gamma) chapter

Professional Societies

- American Association of State Climatologists
- Association of American Geographers (Specialty Groups: Climate, GIS, Wine/Beer/Spirits)
- Southeastern Division of the Association of American Geographers
- Alabama Academy of Science
- American Meteorological Society
- St. George Geographical Society

SERVICE AND OUTREACH

To University of South Alabama:

- Honors College admissions, Reviewer and Interviewer, 2018 and 2020
- South Alabama United Way Campus Drive Department Representative, Fall 2017
- USA Odyssey program, Speaker, April 2016, April 2017

To College of Arts & Sciences:

- Director, GIS Center, University of South Alabama, 2020 – present
- Graduate Final Course Grade Grievance Committee Member, 2019 – 2020 academic year
- Summer Professional Development Grant Committee, Reviewer, Spring 2018
- College of Arts and Sciences Support and Development Grant Committee Member, Fall 2016

To Earth Sciences Department:

- GIS Program Coordinator, August 2017 – present
- Faculty Liaison to the USA Geography Club, 2016 – present
- Curriculum Committee, Member, 2017 – present
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- Eagle Scout, 2003. Project: Butterfly Garden, Tree Tops Park, Davie, Florida
- Youth Recreational Soccer Coach, City of Sunrise, Florida 2002 – 2004
- Guest Reader/Teacher, Central Park EIT5MBo5jC-2o AMC(t)-11den,