

ZHAOXU SUI

160 Condon Hall, 1251 University of Oregon, Eugene, OR 97403, United States

612-433-5839

zsui@uoregon.edu

<https://zhaoxuSui.github.io>

EDUCATION

University of Oregon

Eugene Campus, Eugene, OR

- **Master Student in Geography**

September 2022 – June 2024 (Expected)

- Advisor: Dr. Carolyn Fish
- Research Interest: Toponymy, Atlas Design, Mapping Practices, Mapping Elements, and Visual Perception
- Lab Affiliations: Spatial Cognition, Computation and Complexity (S3C) Lab, Infographics Lab

University of Minnesota

Twin-Cities Campus, Minneapolis, MN

- **B.S., Geography**

September 2019 - December 2021

- *Minors: GIS, Population Studies, Interdisciplinary Design*
- Cumulative GPA: 3.987/4.0
- Senior Project: Flooding Risk Assessment in Jinan, China, in ArcGIS Story Map
- Relevant Coursework:
Introduction to Cartography, Introduction to GIS, Arc GIS I, Spatial Numerical Analysis, Introduction to Geocomputing

WORK EXPERIENCE

Graduate Teaching Assistant – “Data Driven Cartography Winter 2023”

January 2023 -

Department of Geography, University of Oregon

Eugene, OR

- Preparing, teaching, and grading on the lab session of data-driven cartography class
- Instructing and explaining the data-processing tools and raster functions in ArcGIS Pro
- Providing supports on students’ map portfolios
- Using office hours to assist students with additional helps

Graduate Employee – Student Cartographer

September 2022 -

Infographics Lab, University of Oregon

Eugene, OR

- Creating animations on Elk migrating routes in Wyoming using Mapbox GL JS
- Assisting in the layer reorganizations and labeling of USGS Migration Annual Report Maps using Adobe Illustrator
- Giving additional data supports for the validations of the Priestley’s Historical Timeline digitalization

Student Academic Support

July 2021 - December 2021

Center for Urban and Regional Affairs (CURA), University of Minnesota

Minneapolis, MN

- Collected and updated the geodatabase of Minneapolis creative enterprises, including designers, architects, etc.
- Assisted in the creation of ArcGIS Online web map based on the geodatabase

Student Mapping Assistant

March 2021 – May 2021

Regional Sustainable Development Partnerships, University of Minnesota

Minneapolis, MN

- Remade and updated the map of Lost Creek Hiking Trail for the Bluff Country Hiking Club located in Chatfield, MN.
- Re-designed the graphic style of the map of Lost Creek Hiking Trail, using Esri products

VOLUNTEERING

Graduate Representative

January 2023 –

Associated Graduate Students in Geography (AGSG), University of Oregon

Eugene, OR

- Organizing gatherings and outdoor events for the graduate students as the Chair of Social and Orientation Activities
- In charge of the treasury of the organization

Student Volunteer

December 2022 –

Natural Earth Dataset

Remote

- Updating the populated places dataset, with hundreds of cities added in the East Asia, South Asia, and Oceania
- Translated Tom Patterson's Equal Earth World Physical Map to Simplified Chinese version

Student Member

October 2022 –

Huafeng Magazine Club, University of Oregon

Eugene, OR

- Designing Chinese and English articles using Adobe InDesign

Undergraduate leader

October 2020 – June 2021

Institute on the Environment, University of Minnesota

Minneapolis, MN

- Researched the food scarcity issue and the possibilities of urban gardening in the Northside community, Minneapolis
- Involved and helped to visualize data and making ArcGIS Online web map on the research topic to better enhance the readability of the web page of Northside community Sweetie Pie Project

CONFERENCE PARTICIPATIONS

Conference Presentation

Sui, Z. (2023). Endonyms or Exonyms: How map purpose, data source, and map language impact place naming on maps. *American Association of Geographers 2023 Annual Meeting*, Denver, CO, March 27, 2023.

Student Mapping Competitions

Sui, Z. (2021). Comprehensive Map of the World and Beyond. *North American Cartography Information Society Annual Conference*, Oklahoma City, OK, October 13-16, 2021.

Sui, Z. (2022). The Sahara. *North American Cartography Information Society Annual Conference*, Minneapolis, MN, October 19-22, 2022.

Poster Presentation

Sui, Z. (2022). Travel Map of the World. *North American Cartography Information Society Annual Conference*, Oklahoma City, OK, October 13-16, 2021.

AWARDS

Travel Map of the World

- Arthur Robinson Print Map Award - Honorable Mention, *CAGIS* March 2023

Comprehensive Map of the World and Beyond

- Copy is preserved at *Library of Congress, Washington D.C.* July 2021
- Most Ambitious Award, U-Spatial Mapping Prize, *University of Minnesota* June 2021
- Arthur Robinson Print Map Award - Honorable Mention, *CAGIS* April 2021

15th International Geography Olympiad, Quebec City, Quebec, Canada

July 2018 - August 2018

- Global 10th Place Overall (3rd Place on the Field Work Test)

AFFILIATIONS

- American Association of Geographers
- North American Cartographic Information Society
- Associated Graduate Students in Geography (AGSG), University of Oregon
- Graduate Teaching Fellows Federation, University of Oregon
- The Geographical Society of China

- Huafeng Magazine Club, University of Oregon
- GIS Student Organization (GISSO), University of Minnesota
- Phi Beta Kappa Society

SKILLS

- **GIS SOFTWARE** **ArcGIS Pro/Online/ArcMap:** Professional, **Mapbox/QGIS:** Intermediate
- **PROGRAMMING LANGUAGES** **Python:** Intermediate, **HTML:** Intermediate, **C++/Javascript:** Elementary
- **SPATIAL ANALYSIS TOOLS** Numpy, Pandas, Geopandas, ArcPy
- **GRAPHIC DESIGN SOFTWARE** **Adobe Illustrator:** Professional, **InDesign:** Intermediate, **Photoshop:** Elementary
- **WEB DESIGN TOOLS** **CSS:** Intermediate, **Wix:** Intermediate, **Wordpress:** Intermediate
- **LANGUAGES** **Chinese:** Native, **English:** Proficient, **Japanese:** Elementary