ZHAOXU SUI

https://zhaoxuSui.github.io   -   zsui@uoregon.edu

EDUCATION

University of Oregon   *Eugene Campus**, Eugene, OR*

- **Master Student in Geography**   September 2022 – June 2024 (Expected)
- Advisor: Dr. Carolyn Fish
- Research Interest: Toponomy, Atlas Design, Mapping Practices, Mapping Elements
- Lab Affiliations: Spatial Cognition, Computation and Complexity (S3C) Lab, Infographics Lab
- Relevant Coursework: Web Mapping, Qualitative Methods Class, Critical Remote Sensing

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: Cartography, Arc GIS I, Spatial Numerical Analysis, 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

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

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

SCHOLARSHIPS

International Cartographic Association (ICA) Scholarship for ICC 2023 €300	October 2020
University of Minnesota Ecolab Sustainability Scholarship $1,500	October 2020
University of Minnesota Global Excellence Scholarship $25,000	October 2020

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.

TRAVEL GRANTS

U.S. National Committee (USNC) to the ICA Travel Funding	April 2023
North American Cartographic Information Society (NACIS) Student Travel Grant	October 2021

AWARDS

Reference Atlas of the World

- Bill Loy Award for Excellence in Cartography Recipient, University of Oregon   May 2023

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 AND SERVICES

American Association of Geographers (AAG)
- **Student Chair**, Cartography Specialty Group   May 2023 -

North American Cartographic Information Society (NACIS)

Associated Graduate Students in Geography (AGSG), University of Oregon
- **Colloquium Chair, Representative at Large**   May 2023 -
- **Social Chair, Treasurer**   November 2022 – May 2023

Graduate Teaching Fellows Federation, University of Oregon

The Geographical Society of China

SKILLS

GIS	ArcGIS Pro, ArcGIS Online, ArcGIS Desktop, Mapbox, QGIS
PROGRAMMING	Python, HTML, Javascript
SPATIAL ANALYSIS	Numpy, Pandas, Geopandas, ArcPy
GRAPHIC DESIGN	Adobe Illustrator, InDesign, Photoshop
WEB DESIGN	CSS, Wix, Wordpress, ArcGIS Web Apps, Esri Storymap
LANGUAGES	**Chinese:** Native, **English:** Proficient, **Japanese:** Elementary