

ZHAOXU SUI

<https://zhaoxusui.com>

- zxs5236@psu.edu

- Updated March 2025

EDUCATION

The Pennsylvania State University

2024 - Present

Doctoral Student

Advisor: Dr. Anthony C. Robinson

Research Interests: Territorial Representations on Maps, Toponymy and Cartography

Lab Affiliations: GeoGraphics Lab

University of Oregon

2022 –2024

Master of Science, Geography

Advisor: Dr. Carolyn S. Fish

Master Thesis: “Deconstructing Borders, Territories, and Toponyms: Cartographic Designs in the Political Disputed Territory of Sakhalin”

Lab Affiliations: Cartofish Lab, S3C Lab, Infographics Lab

University of Minnesota

2019 - 2021

Bachelor of Science, Geography

Minors: GIS, Population Studies, Interdisciplinary Design

GPA: 3.99/4.0, Graduated with High Distinction, Dean’s List

Capstone Project: Flooding Risk Assessment in Jinan, China, in ArcGIS Story Map

RESEARCH APPOINTMENTS

Graduate Research Assistant

2023

with Dr. Carolyn Fish (cfish11@uoregon.edu)

Department of Geography, University of Oregon

Undergraduate Research Assistant

2021

Project Minneapolis Creative Enterprises with Jeff Matson (jmatson@umn.edu)

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

Undergraduate Research Assistant

2020 – 2021

Project Sweetie Pie with Institute on the Environment, University of Minnesota

PUBLICATIONS

Peer-Reviewed Journal Article

Fish, C., Roth, R., Guidero, E., Raposo, P., **Sui, Z.** (Accepted). Why Conduct Cartographic Research: A Comparison of Cartographic Research Contributions in Four International Cartographic Association (ICA) Affiliated Journals. For Submission to *International Journal of Cartography*: 10th Anniversary Issue.

Non-Peer Reviewed Journal Articles

Sui, Z. (In Review). Review of The Rise and Fall of the National Atlas in the Twentieth Century. *Cartographic Perspectives*.

Sui, Z. and Lessani, M. N. (In Review). Towards Real Internationalization: Kashida Justification on Maps. *Cartographic Perspectives*.

Referred Conference Abstract

Sui, Z. (2025). Visualizing States Across Cartographic Designs (Submitted). *Abstracts of the ICA*.

Sui, Z., & Fish, C. S. (2023). Endonyms or Exonyms: How map purpose, data source, and map language impact place naming on maps. *Abstracts of the ICA*, 6, 1–2.
<https://doi.org/10.5194/ica-abs-6-249-2023>

CONFERENCE PARTICIPATIONS

Conference Session Organization / Chair

Houtman, L. and **Sui, Z.** (2024). Putting the Human back in Cartography: Designs and Practices. *American Association of Geographers 2024 Annual Meeting, Honolulu, HI*, April 18, 2024.

Conference Presentations

Sui, Z. (2024). Mapping the Transition: The Evolution and Resilience of Specialist Map Retailers around the world. *1st AsiaCarto Conference, Hong Kong, China*, December 11-13, 2024.

Kelso, N., Patterson, T., Plewe, B., **Sui, Z.** (2024). Rebuilding Natural Earth: An Updated Public Preview of Version 6. *North American Cartography Information Society Annual Conference, Tacoma, WA*, October 16-19, 2024.

Sui, Z. (2024). Making a 3D relief globe. *North American Cartography Information Society Annual Conference, Tacoma, WA*, October 16-19, 2024.

- Sui, Z.** (2024). Deconstructing borders, fill-colors, and toponyms: cartography designs in the political disputed territory of Sakhalin. *American Association of Geographers 2024 Annual Meeting, Honolulu, HI*, April 18, 2024.
- Sui, Z.** (2023). Secure Political Claim: How Japanese Regulate Map Labeling on Southern Sakhalin Island (Karafuto). *North American Cartography Information Society Annual Conference, Pittsburgh, PA*, October 11-14, 2023.
- Sui, Z.** (2023). Endonyms or Exonyms: How map purpose, data source, and map language impact place naming on maps. *International Cartographic Conference, Cape Town, Western Cape, South Africa*, August 14, 2023.
- Sui, Z.** (2023). AI use in atlas projects. *Map AI Workshop, International Cartographic Conference, Stellenbosch, Western Cape, South Africa*, August 12, 2023.
- 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.

FELLOWSHIPS, GRANTS, AND AWARDS

Fellowships

Anne C. Wilson Graduate Fellowship, EMS College, Penn State	2024
University Graduate Fellowship, Penn State	2024
Mather Fellowship, Department of Geography, University of Oregon	2023

Grants

AAG Cartography Specialty Group Masters Student Research Grant	2024
North American Cartographic Information Society (NACIS) Student Travel Grant	2024
AsiaCarto Conference Travel Grant with Registration Waiver	2024
North American Cartographic Information Society (NACIS) Student Travel Grant	2023
North American Cartographic Information Society (NACIS) Student Travel Grant	2021

Awards

AsiaCarto Conference Best Presentation Award	2024
Cartographic and Geographic Information Society (CaGIS) Student Scholarship Award	2024

University of Oregon Rippey Grant Research Awards	2023
International Cartographic Association (ICA) Scholarship for ICC 2023	2023
U.S. National Committee (USNC) to the Int'l Cartographic Conference Travel Funding	2023
University of Minnesota Ecolab Sustainability Scholarship	2020
University of Minnesota Global Excellence Scholarship	2019
Global 10th Place Gold Medal Recipient, 15th International Geography Olympiad	2018

AFFILIATIONS AND SERVICES

North American Cartographic Information Society (NACIS)

Student Board Member	2025 – Present
Director, Mentor Program	2025 – Present

American Association of Geographers (AAG)

Student Chair, Cartography Specialty Group	2023 –2024
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Associated Graduate Students in Geography (AGSG), University of Oregon

Colloquium Chair, Representative at Large	2023 –2024
Social Chair, Treasurer	2022 –2023

Belonging, Dignity and Justice (BDJ) Committee, Department of Geography, Penn State

Student Representative	2025 – Present
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Cartographic and Geographic Information Society (CaGIS)

Phi Beta Kappa

WORK & TEACHING EXPERIENCE

Employee – Student Cartographer 2024 – Present

GeoGraphics Lab, Penn State

Commissioned Map Projects with professionals in Penn State, Millbrook Marsh Nature Center, Penn State Online Geospatial Education.

Student Mapping Assistant 2024

Project Invisible No More! with Dr. Lynn Stephen (stephenl@uoregon.edu)

Department of Anthropology, University of Oregon

Teaching Assistant – “GIS I” 2024

Department of Geography, University of Oregon

Teaching Assistant – “Data Driven Cartography” 2023
Department of Geography, University of Oregon

Employee – Student Cartographer 2022 – 2024
Infographics Lab, University of Oregon
Commission Projects with Global Initiative of Ungulate Migrations (GIUM) Initiatives and USGS Wild Migration Report.

Student Mapping Assistant 2021
Regional Sustainable Development Partnerships, University of Minnesota
A Commission Project with Bluff Country Hiking Club, Chatfield, MN.

CARTOGRAPHY AWARDS

Arthur Robinson Print Map Award
Cartographic and Geographic Information Society (CaGIS)
Copies are preserved at the Library of Congress, Washington D.C.

“Earth Transit” Honorable Mention 2024

“Travel Map of the World” Honorable Mention 2023

“Comprehensive Map of the World and Beyond” Honorable Mention 2021

Bill Loy Award for Excellence in Cartography
Infographics Lab, Department of Geography, University of Oregon

“Reference Atlas of the World” Honorable Mention 2023

U-Spatial Mapping Prize
Department of Geography, University of Minnesota

“Comprehensive Map of the World and Beyond” Most Ambitious Award 2021

CARTOGRAPHY EXHIBITIONS

Sui, Z. (2024). May Peace be with Gaza. *North American Cartography Information Society Annual Conference, Tacoma, WA, October 16-19, 2024.*

Sui, Z. (2024). WESTERN U.S.A. - An Annotated Travel Map. *North American Cartography Information Society Annual Conference, Tacoma, WA, October 16-19, 2024.*

Sui, Z. (2024). Himalayan - Karakoram Mountainscapes. *North American Cartography Information Society Annual Conference, Tacoma, WA, October 16-19, 2024.*

Sui, Z. (2024). What if China Adopted the US National Park Service System? *North American Cartography Information Society Annual Conference, Tacoma, WA, October 16-19, 2024.*

Sui, Z. (2024). Making a 3D relief globe. *North American Cartography Information Society Annual Conference, Tacoma, WA*, October 16-19, 2024.

Sui, Z. (2024). Himalayan Mountainscapes. *British Cartographic Society Map Award Commended Entries*, October 16-19, 2024.

Sui, Z. (2024). Earth Transit. German Newsmedia *ZeitMagazin*, February 2024.

Sui, Z. (2023). World Physical and World Countries. *North American Cartography Information Society Annual Conference, Pittsburgh, PA*, October 11-14, 2023.

Sui, Z. (2023). Map of Jinan Urban Area. *North American Cartography Information Society Annual Conference, Pittsburgh, PA*, October 11-14, 2023.

Sui, Z. (2023). Travel Map of the World. *Online Map Gallery of International Cartographic Conference, Cape Town, Western Cape, South Africa*, August 14, 2023.

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

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

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

VOLUNTEERING

Student Mentor <i>GeoGraphics Lab, Penn State</i>	2025 - Present
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Cartographer <i>Zanjarajuno Natural Reserve, Ecuador</i>	2024 - Present
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Cartographer <i>Department of Anthropology, University of Oregon</i>	2024
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Organizer – “Graduate Workshop” <i>Department of Geography, University of Oregon</i>	2023
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Graphic Designer <i>GISphere</i>	2023 - Present
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Data Contributor <i>Natural Earth Dataset</i>	2022 – Present
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Graphic Designer	2022 –2024
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Huafeng Magazine Club, University of Oregon

International Student Ambassador / Outreach Peer Mentor
International Student and Scholar Services, University of Minnesota

2020 – 2021

SKILLS

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