

Updated February 6, 2025

**1. Biographical Information**

- Name: Tzu-Hsin Karen Chen
- Address: Gould Hall, University of Washington, Seattle, WA 98195
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- E-mail: kthchen@uw.edu

**2. Education**

- B.S., Geography, National Taiwan University, June 2014
- M.S., Geography, National Taiwan University, June 2016
- Ph.D., Environmental Science, Aarhus University, December 2020

**3. Licensure**

- N/A

**4. Professional Positions**

- Faculty Appointments
  - Assistant professor, Department of Environmental and Occupational Health Sciences, School of Public Health, University of Washington (August 2023 – Present)
  - Assistant professor, Department of Urban Design and Planning, College of Built Environments, University of Washington (August 2023 – Present)
- Other Academic Appointments
  - Co-teaching lecturer, Department of Geosciences and Natural Resource Management, University of Copenhagen (January 2019 – May 2020)
  - Donnelley Postdoctoral Associate, School of the Environment, Yale University, (March 2021 – July 2023)

**5. Honors, Awards, Scholarships**

- Awards for Excellence in Teaching, National Taiwan University (2015, 2016)
- PhD Scholarship for Climate Change and Disaster Mitigation Technology, Ministry of Education, Taiwan (2017 – 2019)
- PhD Fellowship, School of Science and Technology, Aarhus University (2017 – 2020)
- PhD Fellowship for Environmental Health Studies, Novo Nordisk Foundation Challenge Programme (2018 – 2020)
- Distinguished Contribution to Cutting-edge Research, Ladies of Landsat (2020)
- Young Scholars Grant, International Geographical Union Urban Geography Commission (2020)
- Leading Women in Machine Learning for Earth Observation, Radiant Earth Foundation (2022)
- Donnelley Postdoctoral Fellowship, Yale University (2021 – 2023)

**6. Professional Activities (outside of UW)**

Journal Referee

- Cities (2018)
- Plos ONE (2020)
- Natural Hazards (2020, 2021)

- Science of the Total Environment, (2021)
- Journal of Land Use Science (2021 – 2022)
- International Journal of Digital Earth (2022)
- American Association of Geographers (2023)
- Cities and the Environment (2023)
- Science (2023)
- Journal of Geographical Science (2023 – 2024)
- Journal of Selected Topics in Applied Earth Observations and Remote Sensing (2024)
- Nature Cities (2024)
- Proceedings of the National Academy of Sciences (2025)

#### Grant Review

- UW Royalty Research Fund (2023)
- Dutch Research Council (2024)
- Israel Science Foundation (2024)

#### Conference Review

- URBIS24 - Urban Insights from Space 2024 workshop (2024)

#### Professional Affiliates

- Global Land Programme (2019 – Present)
- American Association of Urban Planning (2023 – Present)

## 7. Bibliography

### a) **Refereed research articles** (\* serving primary mentor for the first-listed author)

1. **Chen THK**, Wen ZH, Fang CT, Chan PC (2017) Assessing infection risk of Tuberculosis (TB) contacts in different case-contact contexts. *Taiwan Journal of Public Health*. 36(2), 107-122.
2. **Chen THK**, Lin, KHE (2018) Distinguishing windthrow and hydrogeological effects of typhoon impacts on agricultural lands: an integrative OBIA and PPGIS approach. *International Journal of Remote Sensing*, 39(1), 131-148. <https://doi.org/10.1080/01431161.2017.1382741>
3. **Chen THK**, Chen VYJ, Wen TH (2018) Revisiting the role of rainfall variability and its interactive effects with the built environment in urban dengue outbreaks. *Applied Geography*, 101, 14-22. <https://doi.org/10.1080/17565529.2019.1596063>
4. **Chen THK**, Prishchepov AV, Fensholt R, Sabel CE (2019) Detecting and monitoring long-term landslides in urbanized areas with nighttime light data and multi-seasonal Landsat imagery across Taiwan from 1998 to 2017. *Remote Sensing of Environment*, 225, 317-327. <https://doi.org/10.1016/j.rse.2019.03.013>
5. **Chen THK**, Qiu C, Schmitt M, Zhu XX, Sabel CE, Prishchepov AV (2020) Mapping horizontal and vertical urban densification in Denmark with Landsat time-series from 1985 to 2018: a semantic segmentation solution. *Remote Sensing of Environment*, 251, 112096. <https://doi.org/10.1016/j.rse.2020.112096>
6. Samuelsson K, **Chen THK**, Antonsen S, Brandt SA, Sabel CE, Barthel S. (2020)

Residential environments across Denmark have become both denser and greener over 20 years. *Environmental Research Letters*, 16(1). <https://doi.org/10.1088/1748-9326/abcf7a>

7. Qiu C, Schmitt M, Geiß C, **Chen THK**, Zhu XX (2020) A framework for large-scale mapping of human settlement extent from Sentinel-2 images via fully convolutional neural networks. *ISPRS Journal of Photogrammetry and Remote Sensing*, 163, 152-170. <https://doi.org/10.1016/j.isprsjprs.2020.01.028>
8. Perez-Sindin XS, **Chen THK**, Prishchepov A. (2021) Are night-time lights a good proxy of economic activity in rural areas in middle and low-income countries? Examining the empirical evidence from Colombia. *Remote Sensing Applications: Society and Environment*, 24, 100647. <https://doi.org/10.1016/j.rsase.2021.100647>
9. **Chen THK** and Seto KC. (2022) Gender and authorship patterns in urban land science. *Journal of Land Use Science*, 17(1). <https://doi.org/10.1080/1747423X.2021.2018515>
10. \*Rusk J, Maharjan A, Tiwari P, **Chen THK**, Shneiderman S, Turin M, Seto KC. (2022) Multi-hazard susceptibility and exposure assessment of the Hindu Kush Himalaya. *Science of the Total Environment*, 804, 150039. <https://doi.org/10.1016/j.scitotenv.2021.150039>
11. **Chen THK**, Horsdal TH, Samuelsson K, Closter AM, Davies M, Barthel S, Pedersen CB, Prishchepov AV, and Sabel CE (2023) Higher depression risks in medium- than high-density urban form across Denmark. *Science Advances*, 9(21). <https://doi.org/10.1126/sciadv.adf3760>
12. **Chen THK**, Pandey B, Seto KC. (2023) Detecting subpixel human settlements in mountains using deep learning: A case of the Hindu Kush Himalaya 1990-2020, *Remote Sensing of Environment*, 294, 113625. <https://doi.org/10.1016/j.rse.2023.113625>
13. **Chen THK**, Kincey ME, Rosser NJ, Seto KC. (2024) Identifying recurrent and persistent landslides using satellite imagery and deep learning: a 30-year analysis of the Himalaya. *Science of the Total Environment*, 922, 171161. <https://doi.org/10.1016/j.scitotenv.2024.171161>
14. **Chen THK**, Lin KHE, Lin TH, Liu GY, Yeh CH, Ceballos DM. (2024) Migration as a hidden risk factor in seismic fatality: a spatial modeling of the Chi-Chi earthquake and suburban syndrome. *Natural Hazards and Earth System Sciences*, 24(12), 4457-71. <https://doi.org/10.5194/nhess-24-4457-2024>
15. **Chen THK**, Kincey ME, Maharjan A, Rosser NJ, Shneiderman S, Tiwari P, Turin M, Chen S, Seto KC. Urbanization Increases Landslide Exposure across the Himalaya. *Science*. Under review.
16. \*Blay J, Seto KC, **Chen THK**. Dark development: Satellite Analysis of Building Density and Lighting Infrastructures in Ghana's Urban Areas. *Remote Sensing Applications: Society and Environment*, Under review.
17. \*Shives E, **Chen THK**, Seto KC. A space time analysis of multiple hazards in California. *International Journal of Disaster Risk Reduction*. In revision.
18. Perez-Sindin XS, Wójcik P, **Chen THK**, Prishchepov A. Spatio-temporal inequality

dynamics at an unprecedented geographic scale revealed using remotely sensed data in Spain. *Scientific Reports. Under review.*

19. \*Chen W, Stokes E, Zhou Y, **Chen THK**. Detecting urban land and infrastructure development gaps with daytime and nighttime satellite imagery. *Remote Sensing Applications: Society and Environment, Under review.*

b) **Other refereed scholarly publications**

1. Oehmcke S., **Chen THK**, Prishchepov AV, Gieseke F. (2020) Towards creating cloud-free satellite imagery with deep learning. *9th ACM SIGSPATIAL International Workshop on Analytics for Big Geospatial Data*. <https://doi.org/10.1145/3423336.3429345>

c) **Books and book chapters**

1. Wen TH, **Chen THK** (2016). Risk assessment and adaptation to dengue fever under climate change. In Ed., Chou KT, Lin JC: Sustainable development under climate change in Taiwan. Taipei: NTU.
2. Sabel CE, Amegbor PM, Zhang Z., **Chen THK**, Poulsen MB, Hertel O, Sigsgaard T, Horsdal HT, Pedersen CB, Khan J. (2021). Health and Wellbeing. In Ed., Shi W, Goodchild M, Batty M., Kwan MP., Zhang A: Urban Informatics. Heidelberg: Springer.
3. Wen TH, Liao HY, Yang KL, **Chen THK**. (2021) Characterizing after-rain standing waters in urban built environments through a multilevel image analysis. In Ed., Yang. X: Urban Remote Sensing: Monitoring, Synthesis and Modeling in the Urban Environment (2nd Edition). Hoboken: Wiley-Blackwell.
4. **Chen THK**, Prishchepov AV, and Sabel CE (2023). Detecting urban form using remote sensing: spatiotemporal research gaps for sustainable environment and human health. In Ed., Wen Z.H., Chuang T.W., Tipayamongkhogul M.: Earth Data Analytics for Planetary Health. Heidelberg: Springer.

d) **Other non-refereed published scholarly publications** (proceedings, policy reports, technical reports, book reviews, editorials, letters to the editor)

1. **Chen THK**, Barthel S. (2023) Depression is more common in the suburbs than in city centres – new research. The Conversation.  
<https://theconversation.com/depression-is-more-common-in-the-suburbs-than-in-city-centres-new-research-206311>
2. Woods A, **Chen THK**. (2025) Q&A: UW-led research identifies migration, housing quality as risk factors in earthquake deaths, UW News.  
<https://www.washington.edu/news/2025/02/03/qa-uw-led-research-identifies-migration-housing-quality-as-risk-factors-in-earthquake-deaths/>

8. **Patents and Other Intellectual Property**

N/A

## 9. Funding History

### a) Active Funded Projects

PI, NASA Land-Cover and Land-Use Change Program (Chen), A multi-faceted, pan-Mediterranean assessment of urban land change for the evaluation of interconnected climate risks, \$380,403, Role: PI, 16%, 2024/08-2027/08

PI, NASA Early Career Investigator Program in Earth Science (Chen), Three-dimensional Urban LCLUC and Heat Impacts on Human Health in the Mediterranean Region, Estimated budget \$300,000, Role: PI, 8%, 2024/08-2027/07

### b) Pending Applications

PI, Population Health Initiative (Chen), Integrating Mental Health into Urban Planning: A Pilot Study on Social Media-Expressed Helplessness During Climate Extremes \$50,000, 8% (2025 – 2026), *Full proposal invited*

Co-PI, NSF Human-Environment and Geographical Sciences Program (Amegbor and Chen), Mapping Urban Stress: Crowdsourcing Insights into Environmental and Psychosocial Factors, \$300,000 (\$85,541), 8%, 2025-2027

Co-I, Robert Wood Johnson Foundation (Stevenson), Assessing Industrial Poultry Farm's Environmental Impacts on Indigenous Health in Eastern Oklahoma, \$270,000, 8%, 2025-2027

Co-I, Wellcome Foundation (Aldridge and Pineo). Addressing data scarcity for climate-health policy innovation: novel methods for integrating satellite, routine and community observations with under-represented populations (DATA-CANOPY), \$3,000,000, 20%, 2025-2028.

Consultant, US Geological Survey Landsat Science Team (Seto). Urbanization signatures to advance global change research: Integrating the Landsat archive with European and commercial satellites, \$1,000,000 (\$37,000), 4%, 2025-2030.

## 10. Public Health Practice Activities

Mental Health First Aid, Being Well at Yale, Trainee, 2023

## 11. Conferences and Symposiums

### Invited Presentations

- **Chen THK** (2023) A multi-dimensional, Mediterranean assessment of urban land change for the evaluation of interconnected climate risks. Land Cover and Land Use Change (LCLUC) Science team meeting, Maryland, 8-10 May.
- **Chen THK** (2023) How does the risk of depression change across urban form? A case study of Denmark and beyond. Geolinguual Workshop, Wuerzburg, 26-28 September.
- **Chen THK** (2023) How does the risk of depression change across urban morphology?

A case study of Denmark and beyond. Future Earth - Early Career Researchers in Sustainability Science, online, 19 October.

- **Chen THK** (2024) Intensifying Urban Density and Green Spaces all at Once: A case from Denmark. Organic Cities Symposium, Paris, 18-19 January.
- **Chen THK** (2024) Urbanization and climate impact on landslide exposure: 30-year earth observations in the Hindu Kush Himalaya. GIScience, Academia Sinica, Taipei, 6 August.
- **Chen THK** (2024) Expansion Without Infrastructure: Urban Land Change and Climate Risks in the Mediterranean Region. NASA LCLUC Urban Hotspots - Webinar Series, online, 15 November.
- **Chen THK** (2025) Urban Land Change and Climate Risks in North African Countries. Workshop on Earth Observations for Sustainable Development in North Africa, online, 28-29 January.
- **Chen THK** (2025) Urbanization Increases Landslide Exposure across the Himalaya. Lehigh University Earth and Environmental Sciences spring 2025 seminar. March 21.
- **Chen THK** (2025) Compound Climate and Urbanization Risks in the Mediterranean Region. NASA Land-Use and Land-Cover Change Science Meeting. March 24-26.

#### Conference Presentations

- **Chen THK** and Wen TH (2016) Exploring the Variability of Most Suitable Temperature Range for Epidemiological Characteristics of Dengue Dynamics: A Multi-level Growth Modeling Analysis. Annual Meeting of the Association of American Geographers, San Francisco, 29 Mar. – 2 Apr.
- Wen TH and **Chen THK** (2017) Integrating high spatial resolution weather radar data and urban imagery for modeling micro-scale dengue risk. European Geosciences Union General Assembly, Vienna, 8-13 Apr.
- **Chen THK**, Sabel, C., and Prishchepov, A. (2018) From pixel to people: satellite imagery in support of urban health studies. Urban Transitions, Sitges, 25-27, Nov.
- **Chen THK**, Prishchepov, A., Fensholt, R., and Sabel, C. (2018) Combining open source time-series satellite data sets to automatically map landslide land cover across Taiwan 1998-2017. Global Land Programme Asia Conference, Taipei, 3-5, Sep. (**First Place Best Paper Award**)
- **Chen THK**, Sabel, C., and Prishchepov, A. (2019) A lifecourse exposure to urban density and high-rise building: empirical findings for psychiatric disorders. International Conference on Urban Health. Xiamen, 4-8 Nov.
- **Chen THK**, Sabel, C., and Prishchepov, A. (2019) Changing urban density of Denmark in the past 20 years over horizontal and vertical scales. Nordic Remote

Sensing Conference. Aarhus, 17-19 Sep.

- **Chen THK**, Sabel, C., and Prishchepov, A. (2019) Detecting time-series horizontal and vertical building density at neighborhood scales with open access remote sensing data. esa Living Planet Symposium, Milan, 13-17 May.
- **Chen THK**, Samuelsson, K., Prishchepov AV, and Sabel CE (2020) Linking migration trajectory and urban dynamics: densification impacts on mental health. IGU Urban Geography Commission Annual Meeting, Online, 24-27 Aug. (**Young Scholars Grant**)
- **Chen THK**, Pandey, B., Seto, K.C. (2022) Deep learning or conventional machine learning: Which method is better at characterizing small-scale urban change? ESA Living Planet Symposium. Bonn, 23-27 May.
- **Chen THK** (2023) Urban form and mental health. Joint Urban Remote Sensing Event. Heraklion, Greece, 17-19 May.
- **Chen THK**, Kinsey ME, Maharjan A, Rosser NJ, Shneiderman S, Tiwari P, Turin M, Chen S, Seto KC. (2024) Urbanization Increases Landslide Exposure across the Himalaya. American Geophysical Union Annual Meeting. Washington DC, Dec 12.
- Coomes DM, Wilner L, Do V, McBrien H, **Chen THK**, Casey JA. (2025) Claim to Flame: Demographic changes and FEMA assistance in California's wildfire-affected areas from 2000-2019. Population Association of America Annual Meeting, 10-13 April.
- **Chen THK** (2025) Expansion Without Infrastructure: Compounding Urbanization and Climate Risks to Health in the Mediterranean Region. Joint Urban Remote Sensing Event (JURSE) 2025, Tunis, Tunisia, 4-7 May. *Oral Presentation Selected.*

#### Campus talks

- **Chen THK** (2021) From pixels to people: 3-D urban form and human well-being. Yale Institute of Biospheric Studies, New Haven, 19 Nov.
- **Chen THK** (2021) From pixels to people: 3-D urban form and mental well-being. University of Washington Data Science Seminar Series, online, 10 Feb.
- **Chen THK** (2024) Compounding risk of landslides and urbanization: can satellite imagery identify it? CSDE Seminar - Panel: Climate Impacts on Population Health: Data Science, Demography, and Disparities, Seattle, 1 March.
- **Chen THK** (2024) Satellite remote sensing to understand the built environment and mental health. University of Washington. Data Science Minor Information Session. 23 September.

## **12. University Service** (List the entire history; Activity, Dates, [Role])

### University of Washington Committees

- Member, Data Science Curriculum Committee, Department of Urban Design and Planning (2023 – Present)
- Member, Data Science Curriculum Development, College of Built Environments (2023 – Present)
- Member, Teaching Evaluation Committee, Department of Environmental and Occupational Health Sciences (2024 – Present)
- Member, UW Environmental Queer & Trans Affinity Group (2025 – Present)
- Affiliate, Center for Studies in Demography and Ecology (CSDE) (2023 – Present)
- Affiliate, Center for Statistics & the Social Sciences (CSSS) (2024 – Present)
- Affiliate, UW Interdisciplinary Center for Exposures, Diseases, Genomics, and Environment (EDGE) (2024 – Present)
- Affiliate, eScience (2025 – Present)
- Lead Organizer, UW Seattle New Faculty Office Tour (2024)

### Yale University

- Member, Yale LGBTQ+ Affinity Baseball Group (2021 – 2023)
- Co-Founder, Yale School of the Environment Postdoctoral Peer Group (2021 – 2023)

### Aarhus University

- Member, Ph.D. Student Committee, Department of Environmental Science, Aarhus University (2018 – 2019)

### National Taiwan University

- Chair, Undergraduate Academic Committee, Department of Geography, National Taiwan University (2013 – 2014)
- Organizer, Teaching Assistant Training Workshop, Department of Geography, National Taiwan University (2015)
- President, Graduate Student Association in Geography, National Taiwan University (2015 – 2016)

## **13. Professionally-Related Community Service**

- Natural hazard and land cover data provider, International Centre for Integrated Mountain Development, Nepal (2023 – Present)

## **14. Other Pertinent Information**

## **15. Teaching History**

- a) Formal Courses, including Distance Learning
  - National Taiwan University
    - Teaching Assistant, Quantitative Geography and Lab, Department of Geography, 3 credits, 40 students (2013 – 2014)
    - Teaching Assistant, Local and Regional Development, Department of Geography, 3 credits, 30 students (2014 – 2015)
    - Teaching Assistant, Cartography and Lab, Department of Geography, 3 credits, 50 students (2014 – 2016)



- Teaching Assistant, Research methods, Department of Geography, 3 credits, 40 students (2014 – 2016)
- University of Copenhagen
  - Co-Instructor, Remote Sensing in Land Science Studies, Department of Geosciences and Natural Resource Management (IGN), 22 students (2019 – 2020)
- University of Washington
  - Co-Instructor, Public Health and Built Environment, UW EnvH 538 and UrbDP 538, 39 students, Co-teaching with Andy Dannenberg, 50% responsibility (2024)
  - Instructor, ENVH 478/578 URBAN 498/598, Remote Sensing for Environmental Health, 20 students (2024 – Present)
  - Instructor, URBAN 404/504, Intro to GIS, 41 students (2024 – Present)
- b) Other Teaching (Guest Lectures, Continuing Education, Clinical Teaching, etc.)
  - Mapping with Images, Geographic Information Systems, National Space Institute, Danish Technical University, 30, Guest Lecturer, November 28, 2017.
  - Deep Learning in Remote Sensing, Advanced Remote Sensing of Urban Land Change, School of the Environment, Yale University, 10, Guest Lecturer, March 8, 2022.
  - Using data science to inform evidence-based urban design for health, URBDP 593: Public Health and Built Environment, Department of Environmental and Occupational Health Sciences, University of Washington, 40, Guest Lecturer (Instructor: Andrew Dannenberg), February 2, 2023.
  - Urban form and mental health, ENVH 580: DEOHS Seminar, Department of Environmental and Occupational Health Sciences, University of Washington, 20, Guest Lecturer (Instructor: Elena Austin), October 5, 2023.
  - Urban form and mental health, URBDP 500: Survey of Urban Planning, Department of Urban Design and Planning, University of Washington, 40, Guest Lecturer (Instructor: Christine Bae), October 16, 2023.
  - BE Ph.D. Colloquium, College of Built Environments, University of Washington, 20, Guest Lecturer (Instructor: Laura Osburn), November 2, 2023.
  - Using machine learning to detect urban form, URBDP 591: Advanced Research Design for Urban Science, Department of Urban Design and Planning, University of Washington, 15, Guest Lecturer (Instructor: Marina Alberti), November 9, 2023.
  - Urban form and mental health: a satellite imagery analysis and case study of depression in Denmark and beyond. URBDP 512: Research Seminars, Department of Urban Design and Planning, University of Washington, 15, Guest Lecturer (Instructor: Qing Shen), November 14, 2023.
  - Urban form and mental health, BE 220: Cities, Health and Well-being, College of Built Environments, University of Washington, 30, Guest Lecturer (Instructor: Shannon K Tyman), February 15, 2024.
  - Socializing Pixels: Remote Sensing and Mental Health, CSSS 490: Data Science Minor, Data Science Minor, University of Washington, 150, Guest Lecturer (Instructor: Ben Marwick), May 9, 2024.
  - Using machine learning to detect urban form, URBDP 591: Advanced Research Design for Urban Science, Department of Urban Design and Planning, University of Washington, 15, Guest Lecturer (Instructor: Marina Alberti), November 7, 2024.

- Satellite remote sensing to understand the built environment and mental health, Data Science Minor Information Session, University of Washington, 150, Guest Lecturer (Instructor: Ben Marwick), September 23, 2024.
- c) Independent Study (\*give students' names instead of course title if appropriate)
  - Jack Rusk, School of the Environment, Yale University, 2022
  - Inonge Naluchima Mubita, Urban Planning and Design, University of Washington, 2023, 2024, 2025
  - Siska Florensia Dewanti, Urban Planning and Design, University of Washington, 2023, 2024, 2025
  - Yongqin Zhao, Architecture, University of Washington, 2024, 2025

## 16. Advising and Formal Mentoring

- a) PhD Students (Primary Mentor or Co-Primary Mentor)
  - Seoyeon Cho, Primary Mentor, Urban Design and Planning, University of Washington (2024 – Present)
- b) Master Students (Chair, Primary Mentor, or Co-Primary Mentor)
  - Vasiliki Kotoglou. Co-Mentor with Tessa Kate Anderson. Danish Technical University (2018 – 2019)
  - Jeffrey Blay. Co-Mentor with Karen Seto, School of the Environment, Yale University (2022 – 2024)
  - Erin Shive, Co-Mentor with Karen Seto, School of the Environment, Yale University (2022 – 2024)
  - Sha Yang, Chair, Urban Planning and Design, University of Washington (2024 – Present)
  - Mariah Rubin, Co-Chair with Emily Hovis, School of Public Health, University of Washington (2024 – Present)
  - Abby Newbold, Co-Chair with Dan Abramson, Urban Planning and Design, University of Washington (2024 – Present)
  - Yongqin Zhao, Co-Chair with Narjes Abbasabadi, Architecture, University of Washington (2024 – Present)
- c) Mentored Scientists and Postdocs
  - Honghyok Kim, Judith Rosentreter, Kendra Plourde, Sizhen Wang, Tim Wartewig, Postdoc Peer Mentor, Yale University (2021 – 2022)
- d) Master and PhD Committee Members
  - Hilary McLeland-Wieser, PhD in DEOHS, University of Washington (2024 – Present)
- e) Undergraduate Students (Primary Mentor or Co-Mentor)
  - Tzu-Yu Shen, Geography, Co-Mentor for Undergraduate Thesis, National Taiwan University (2022 – 2023)
- f) Other Mentoring (Undergraduate Research, Medical School ISMS Projects, etc.)
  - Abigail Hu, Environmental Public Health, Mentor for Undergraduate Research, University of Washington (2023 – 2024)

- Viki Hristova, Environmental Science and Resource Management, Mentor for Undergraduate Lab Intern, University of Washington (2025 – Present)

g) Academic Advising

2023-25 Master of Urban Planning: Greg Suskin, Manu Agni, Siska Florensia Dewanti, Inonge N. Mubita