

Meen Wook Jung

CONTACT INFORMATION

Office: 469 Knowlton Hall
275 W Woodruff Ave, Columbus, OH 43210
Phone: +1 515-686-7002 (USA)
Email: jung.763@osu.edu
Website: www.meenjung.com
ORCID: orcid.org/0000-0002-5802-1993

RESEARCH INTERESTS

Green Infrastructure
Climate Justice
Urban Thermal Environment
Simulation Research

EDUCATION

Ph.D. in City and Regional Planning The Ohio State University, Columbus, OH, USA	Aug. 2022 – Present
Master of Community and Regional Planning Graduate Certificate in Geographic Information Systems Iowa State University, Ames, IA, USA	May. 2022
Bachelor of Agriculture in Landscape Architecture Kyungpook National University, Daegu, Republic of Korea	Feb. 2019

PEER-REVIEWED PUBLICATIONS

Jung, M. W., Haddad, M. A., & Gelder, B. K. (2023). Examining heat inequity in a Brazilian metropolitan region. *Environment and Planning B: Urban Analytics and City Science*, 51(1), 109-127.

WORKING PAPERS

Han, H., **Jung, M. W.**, Chen, P. Title redacted for blind peer-review. (manuscript under review)

Jung, M. W. Toward thermal equity: The case study of Atlanta BeltLine to explore how municipal greening may deteriorate urban climate justice at the micro-scale. (manuscript in progress)

Jung, M. W., Jung, M. C., and Choi, S. Not Even Present: Historical Redlining Perpetuates Disparities in Contemporary Urban Thermal Environment in Philadelphia. (manuscript in progress)

CONFERENCE PRESENTATIONS

Jung, M. W. Toward thermal equity: How do municipal greening efforts deteriorate urban climate justice?. American Association of Geography, Honolulu, HI, USA, Apr. 16-20, 2024. (virtual paper presentation)

Jung, M. W., Jung, M. C., and Choi, S. Not Even Present: Historical Redlining Perpetuates Disparities in Contemporary Urban Thermal Environment in Philadelphia. Association of Collegiate Schools of Planning Annual Conference, Chicago, IL, USA, Oct. 19-21, 2023. (Research-in-Motion)

Haddad, M., **Jung, M. W.**, and Moura, A. C. Urban heat island and vulnerable population in the Global South. North American Regional Science Council, Denver, CO, USA, Nov. 10-13, 2021. (paper presentation)

Jung, M. W., Haddad, M., and Moura, A. C. Urban heat island and vulnerable population in the Global South: A spatial regression approach. Association of Collegiate Schools of Planning Annual Conference, Virtual, Oct. 21-23, 2021. (poster presentation)

Jung, M. W., Eum, J. H., and Ra, J. H. Comparison of planning elements for improving the thermal environment in an urban park. The Korean Environmental Sciences Society Annual Fall Conference, Gyeongju, Republic of Korea, Nov. 1-3, 2018. (poster presentation)

RESEARCH PROJECTS AND GRANTS

Sustainability Institute

The Ohio State University, Columbus, OH, USA

Student Sustainability Grant (\$3,588)

May. 2023 – May. 2024

Title: Toward thermal equity: How do municipal greening efforts deteriorate urban climate justice?

Faculty Advisor: Dr. Maria Conroy

RESEARCH EXPERIENCE

Iowa State University, Ames, IA, USA

Department of Community and Regional Planning

Graduate Research Assistant

Fall 2019

Topic: Africa and the New Globalization

Supervisor: Dr. Francis Owusu

TEACHING EXPERIENCE

The Ohio State University, Columbus, OH, USA

City and Regional Planning Section, Knowlton School of Architecture

Graduate Teaching Associate

Urban Data Analytics (CRPLAN 5880 - graduate level)

Spring 2024

Supervisor: Dr. Manuel Santana Palacios

Professional Planning Skills Development (CRPLAN 4950 - undergraduate level)

Fall 2022, 2023

Supervisor: Dr. Kyle Ezell

Plan Making (CRPLAN 4900S - undergraduate level)

Spring 2023

Supervisor: Dr. Kyle Ezell

Iowa State University, Ames, IA, USA

Department of Community and Regional Planning

Graduate Teaching Assistant

Introduction to Geographic Information Systems (CRP 551 - graduate level)

Fall 2021

Supervisor: Mrs. Neha Mehrotra

Intermediate Geographic Information Systems (CRP 351 - undergraduate level)

Spring 2020 – Fall 2021

Supervisor: Mrs. Neha Mehrotra

SCHOLARSHIPS AND ASSISTANTSHIPS

The Ohio State University, Columbus, OH, USA

City and Regional Planning Section, Knowlton School of Architecture

Graduate Teaching Associateship

Fall 2022 – Spring 2024

Iowa State University, Ames, IA, USA

Department of Community and Regional Planning

Graduate Teaching Assistantship

Spring 2020 – Fall 2021

Graduate Research Assistantship

Fall 2019

Kyungpook National University, Daegu, Republic of Korea

Department of Landscape Architecture

RESEARCH SKILLS

Statistic Program: RStudio, STATA

Geographical Analysis Program: ArcGIS, QGIS, GeoDa

Microclimate Simulation Program: ENVI_met

Spatial Pattern Analysis Program: FRAGSTATS

REFERENCES

Professor Maria Conroy (Ph.D. Advisor)

City and Regional Planning Section, Knowlton School of Architecture

The Ohio State University, Columbus, OH, USA

Email: conroy.36@osu.edu

Professor Monica Haddad (M.C.R.P. Advisor)

Department of Community and Regional Planning

Iowa State University, Ames, IA, USA

Email: haddad@iastate.edu