

# Huiyu Lin

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## Education

Aug. 2016 – Present    Ph.D. Geography, Kent State University, Kent, OH, USA  
Aug. 2014 – May. 2016    M.A. Geography, Binghamton University, Binghamton, NY, USA.  
Sept. 2010 – Jun. 2014    B.S. GIS and Cartography, Wuhan University, Wuhan, China.

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## Research Interests

- Shrinking Cities and Human Dynamics
- Spatial-temporal Analysis
- Big Data and Social Media
- Race, Ethnicity and Social Justice
- GIS, Remote Sensing and Cartography

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## Research Experience

Binghamton University, State University of New York, Binghamton, New York, Aug. 2014 –May. 2016

Jan. 2015 –May. 2016:

- Thesis research: The analysis of the spatial distribution and temporal change of land use and population characteristics in a shrinking post-industrial city, a case study of Binghamton, NY.
- Digitalization of land use maps of Binghamton, NY, using Sanborn Maps from 1950 to 1970.

Jan. 2015 – May. 2015:

- Student research assistant: A comprehensive report on the social economic characteristics in the communities of Broome County

Aug. 2014 – Dec. 2014:

- Student research assistant: Binghamton North Side Neighborhood Redevelopment Plan

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## Conference Presentations

- Presented the thesis analysis and finding of the spatial distribution and temporal change of land use and population characteristics in a shrinking post-industrial city, a case study of Binghamton, NY, in the 2016 Association of American Geographers Annual Conference.
- Presented my research proposal of the study of the association between population and land use/ land cover change in a shrinking post-industrial city to the Middle State, AAG Conference, Binghamton, 2015.

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## Related Experience

- Member of the Geographic Information Science and Systems specialty group at the Association of American Geographers.
- Member of the Gamma Theta Upsilon, the International Geography Honor Society.
- Scholarship funding from the Geography Department and Teaching Assistant Binghamton University, 2015 – 2016.
- Finalist of the student paper competition on the Middle State AAG Conference, Binghamton, 2015.

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## Related Skills

- Master ArcGIS and ENVI software, excellent in making analytical and thematic maps
- Proficient in computer programming languages of python, C++, C, Java, and MATLAB

## References

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- John W. Frazier (co-advisor), Distinguished Professor, Department of Geography, Binghamton University (SUNY), Binghamton, NY
- Chengbin Deng (co-advisor), Assistant Professor, Department of Geography, Binghamton University (SUNY), Binghamton, NY
- Qiusheng Wu (committee member), Assistant Professor, Department of Geography, Binghamton University (SUNY), Binghamton, NY