

WENCONG CUI

Address: 5402 E. Washington St Apt 2042, Phoenix, AZ 85034

Tel: +1 (480) 686-3165 Email: wcai12@asu.edu

EDUCATION

Arizona State University, Tempe, AZ

Expected: **May 2018**

Master Degree, Major in Urban and Environment Planning

Huazhong University of Science and Technology, Wuhan, P.R.China

May 2017

Bachelor of Engineering, Major in Urban Planning

TEACHING EXPERIENCE

Teaching Assistant

Spring 2018

School of Geographical Sciences and Urban Planning, Arizona State University

- Course: GIS 205 - Geographic Information Technologies
- Introduces modern geographic information technologies, including cartography, GIS, remote sensing, global positioning systems, and statistical analyses.
- Responsible for teaching the lab and Q & A part of the class.

RESEARCH EXPERIENCE

Researcher

School of Geographical Sciences and Urban Planning, Arizona State University

- Research project: the relationship between electricity consumption with economics growth and its spatial distribution in China
- Conducted literature review
- Data standardization, analysis using ordinary least square (OLS) and geographically weighted regression (GWR) and visualization
- Completed academic paper writing

Research Assistant (Intern)

Guangdong Urban & Rural Planning and Design Institute (GDUPI), Canton, China

- Research Project: Research on Shared Bicycle Parking Facilities Planning Based on Time and Space Characteristics of Riding Behavior
- Use python doing data mining and analysis
- Python scripting for ArcGIS

PROFESSIONAL EXPERIENCE

Urban Design Assistant (Intern)

Urban Design Department of China Huanqiu Contracting & Engineering Corporation, Beijing, China

07/2015 – 08/2015

- Design drawing and plan set use CAD software, and making digital videos for planning results show
- Assist planner with doing geography information analysis

Planning Technician (Intern)

City of Tempe Community Develop Department, Tempe, AZ, USA

03/2017 – 05/2017

- Organize the neighborhood planning documents and assist the DEVELOPMENT REVIEW COMMISSION to approve the land use planning application
- Assist planners to draw planning drawings and doing GIS analysis

PUBLICATIONS

Cui, W., Li, J., Xu, W.*, and A.S. Fotheringham.* (2017) "Electricity Consumption and GDP: An Old Story Retold" Manuscript in preparation to submitted to *Nature Energy*.

Cui, W., Kuby, M. (2017) "Study on the Effects of Building Density on the Efficiency of Dockless Bike Sharing System - A Case Study of Beijing, China". Manuscript in preparation.

CONFERENCE PRESENTATIONS

ORAL PRESENTATIONS

Cui, W., Kuby, M. (2018.04) "Study on the Effects of Building Density on the Efficiency of Dockless Bike Sharing System - A Case Study of Beijing, China" American Association of Geographers Annual Meeting, New Orleans, LA., USA

PROFESSIONAL MEMBERSHIPS

Honor Societies

Upsilon Rho Beta Planning Honors Society – Member

Professional Organizations

American Association of Geographers - Student Member

American Planning Association – Student Member

AWARDS AND HONORS

Third-class outstanding student scholarship of university in the first semester respectively during 2013

Outstanding vice minister of school in the second semester respectively during 2014

Dean's List of the College of Liberal Arts and Sciences for Fall semester 2016

Dean's List of the College of Liberal Arts and Sciences for Spring semester 2017

TECHNICAL SKILLS

Skilled use software for:

Microsoft Office Word/Excel/Powerpoint

Video processing: Adobe Aftereffect, Premier,

Image processing: Photoshop, Illustrator,

Computer Aided Design: AutoCAD, Sketchup, Indesign

Geography data analysis: ArcGIS

Programming languages and mathematical packages: Matlab, Python

LANGUAGES

Chinese (Mandarin): Fluent

English: Proficient

GRE Score: Q:167 V:148 AW:3.0

REFERENCES

A. Stewart Fotheringham, Foundation Professor, FNAS, FAcSS, MAE

School of Geographical Sciences and Urban Planning, Arizona State University, Tempe, AZ

(480) 965-7533, stewart.fotheringham@asu.edu

Michael Kuby, Professor

School of Geographical Sciences and Urban Planning, Arizona State University, Tempe, AZ

(480) 965-6850, mikekuby@asu.edu

Deirdre Pfeiffer, Associate Professor & Program Director of MUEP

School of Geographical Sciences and Urban Planning, Arizona State University, Tempe, AZ

(323) 333-6783, deirdre.pfeiffer@asu.edu

Wangtu (Ato) Xu, Associate Professor

Department of Urban Planning, School of Architecture and Civil Engineering, Xiamen University, Xiamen, China

+86-13720889640, ato1981@xmu.edu.cn