

# Curriculum Vitae

Yue Cui

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## Education

- 2004 – 2010 PhD in department of Community, Agriculture, Recreation and Resource Studies  
Michigan State University, United States
- 1999 – 2002 PhD in Geography, Peking University, China
- 1993 – 1996 Master in Information Economics, the Capital University of Economics and Business,  
China
- 1988 – 1992 Bachelor in Computer Engineering, HuaZhong University of Science and Technology,  
China

## Professional Experience

- 2018 - Assistant Professor, School of Planning, Design and Construction, Michigan State  
University
- 2016 – 2017 Assistant Professor, Land Policy Institute, School of Planning, Design and Construction,  
Michigan State University
- 2010 – 2016 Assistant Professor, Department of Community Sustainability, Michigan State University
- 1996 – 2003 Lecturer  
School of Information Technology, Beijing Technology and Business University, China
- 1992 – 1993 Project Engineer  
Department of Software Development, Botong Technology Co. China

## Research Interest

Economic Impacts Studies  
GIS and Quantitative Geography  
Regional Planning, Placemaking and Citizen Science  
Natural Resource Management, Planning, and Policy  
Tourism and Recreation Management

## Research Project and Grants

### Federal Grants

- 2017 - USACE Regional Economic Impact Estimate System Update [Principle Investigator]
- 2017 - National Recreational Boating Safety Survey for US Coastal Guard [Principle Investigator]
- 2017 - National Recreation Use and Natural Resources Risk Assessment Geospatial Analysis for  
USACE [Principle Investigator]
- 2018 - USDA Local Food Directory Update [Principle Investigator]

- 2015 - 2016 USDA Farmers Market Price Reporting and Discovery System and Spanish Translation of USDA's Local Food Directories [Principle Investigator]
- 2013 - 2016 Web-based Recreation Area Mapping and Information Systems; Natural Resource Inventory and Risk Assessment Tool, Web-based Recreation Surveys, Recreation Area and Facilities Asset Management System for US Army Corps of Engineers [Principle Investigator]
- 2010 - USDA's National Farmers Market Directory Update (2010, 2011, 2012, 2013, 2014, 2015) [Principle Investigator]
- 2013 - 2014 USDA's National Farmers Market Survey (2013, 2014) [Principle Investigator]
- 2012 Money Generation Model 2 for National Park Services [Primary Investigator]
- 2012 - 2014 Development and Application of GIS and Quantitative Geography Tools to Provide Integrated Analysis of the U.S. Army Core of Engineers (ACOE) Water Project Areas [Principle Investigator]
- 2012 - 2014 Consumer Spending and Economic Impact Survey for Recreation Visitors at US Army Corps Engineering's Lakes [Principle Investigator]
- 2012 - 2014 Economic Impact Studies for Great Lake Harbors/Ports for US Army Corps Engineering [Principle Investigator]
- 2008 - 2009 Market Analysis of USDA Farmers Markets: Using Geographic Data to Understand Why Farmers Markets Succeed and How to Better Target Customers
- 2010 - Resource Management and VERS Modernization for US Army Corps Engineering Recreation Projects

### **State and Local Outreach and Studies**

- 2019 - Evaluating the social-economic impacts for HP Stabilizing Neighborhoods Actions for Redford MI and Lincoln Park MI [Principle Investigator]
- 2019 - Ingham County Tax Auction Estimate [Principle Investigator]
- 2019 - MSHDA Foreclosure Assistant Program Evaluation [Principle Investigator]
- 2018 - Great Start Readiness Program Evaluation Grant
- 2016 - 2018 MSHDA Blight [Principle Investigator]
- 2016 - Our Town - Projects that Build Knowledge About Creative Placemaking [Principle Investigator]
- 2015 - 2016 Legacy Cities and Asset Evaluation in Michigan
- 2014 Understanding the Economic Impact of the Ingham County Tax Auction Sales [Principle Investigator]
- 2014 - 2015 Walkable Urban Places in Michigan Metros [Principle Investigator]
- 2014 - 2016 Inland Waterway Economic Impact Studies for US Army Corps of Engineers [Principle Investigator]
- 2014 - Michigan Construction Economic Impact Study
- 2011 - 2014 Florida Saltwater Fishing Economic Impact and Consumer Surplus Studies
- 2010 Bearswhere.com for Florida Fish and Wildlife Conservation Commission
- 2007-2009 Florida Recreational Boating Study
- 2007 - 2009 Florida Recreational Boat Access Inventory System
- 2008-2009 On-line Boating Economic Impact Model for Florida State

2007 – present BASIS (Boating Access Surveillance and Indexing System)  
2006 – 2007 Developing On-line Boating Economic Impact Tools

### **Other Research Activities**

2014 - 2016 Study on composite indicator and measuring method for the assessment of sustainability of tourism in the nature reserves of China, China National Science Foundation [Co-Principle Investigator]  
2013 - Economic Impact Studies of Boating for National Marine Manufacturer Associations.  
2009 GIS-based Marketing Spatial Analysis and Report System for Orchard Supply Hardware  
2004 – 2006 Developing on-line surveys for West Marine’s Marketing Research  
2004-2006 Developing on-line surveys for Paragon Casino’s Marketing Research

### **Publications and Presentations:**

#### **Peer Reviewed articles:**

Wang, Grace, Wen-Huei Chang, and Yue Cui. 2017. Using Tariff For Port Economic Impact of Cargo Movement. *International Journal of Transport Economics*. 44.4 (2017): 545-565.

Cui, Y., Chang, W., Mahoney, E. 2015. Economic Impacts and Significance of Recreational Use of Inland Waterways in the United States. *International Journal of Transport Economics*. V xlii No. 2.

Shi, J, Cui, Y., Huang, X. 2015. Implications of American rural tourism development experience to Beijing. *Tourism Tribune*. 1007-4333

Cui, Y. (2014). Examining farmers markets’ usage of social media: An investigation of a farmers market Facebook Page. *Journal of Agriculture, Food Systems, and Community Development*.  
<http://dx.doi.org/10.5304/jafscd.2014.051.008>, pp. 87–103

Cui, Y., Mahoney E. 2014. Employing Internet GIS Surveys to Characterize Recreational Boating Travel Patterns. *Transaction in GIS*.

Cui, Y. 2013. A systematic approach to evaluate and validate the spatial accuracy of farmers market locations using multi-geocoding services. *Applied Geography*, 41, 87-95.

Cui, Y. (2002). Research of Tourism Resource Information System’s Development Frame. *Computer engineering & application*, v38i15, 28-32.

Cui, Y. (2002). Development and Modelization of Tourism Resource Assessment DSS based on UML. *Computer engineering & application*, v38i15, 47-51.

Cui, Y., Yang J. C. (2002). A Research on Tourism Resource Characteristic Attribute Assessment Model. *Geography and territorial research*, v26i3, 233-245.

## **Conference and presentations:**

Alward, Greg, Wen-Huei Chang, and Yue Cui. 2019. Reconfiguring RECONS Regional IO Models as Multi-Regional IO Models. 27th International Input-Output Conference. Glasgow, Scotland.

Wang, Grace, Wen-Huei Chang, and Yue Cui. 2019. Sustainable Development for Recreational Activities on Inland Waterways and Lakes in the Port-City. IAME. Athens, Greece.

Wang, Grace, Wen-Huei Chang, and Yue Cui. 2018. Revisit the Economic Impacts of the Cruise Ports in the United States Considering Responsible cruising. 34<sup>th</sup> PIANC World Congress, Panama.

Wang, Grace, Wen-Huei Chang, and Yue Cui. 2017. Economic impacts and significance of the cruise ports in the United States. IAME. Kyoto, Japan.

Cui, Y. 2015 Understanding local food systems through Facebook friendship networks. Annual American Geography Meeting, Chicago, IL.

Cui, Y., Chang, W., Perales, K., Jackson, S. (2015) Geo-spatial insights for campers using USACE camping facilities, National Outdoor Recreation Conference, Annapolis, MD.

Cui, Y., Sun, Y., Harding, D., Mahoney, E. 2014. An Environmentally Extended Input-Output Model for Investigating the Relative Economic Yield and Environmental Burden of Different Saltwater Fishing Modes and Segments. International Input-Output Conference, 2014

Cui, Y. 2014. Integrating Volunteered Geographic Information System in spatial data production for park and recreation management – An example of USACE's Visitation Estimation & Reporting System Modernization, National Outdoor Recreation Conference, 2014

Cui, Y., Huang, H., Mahoney, E. 2014. Simulation of Saltwater Fishing in Florida by an Agent-based Model, Annual American Geography Meeting, 2014

Cui, Y. 2013. Modeling economic impacts and carbon footprint of national parks in United States. Environmental Planning (under review)

Cui, Y, Mahoney, E., Herbowicz, T. 2013. Economic benefits to local communities from national park visitation, 2011. Natural Resource Technical Report NPS/NRSS/EQD/NRTR-2013/632. National Park Service, Fort Collins, Colorado.

Mahoney, E., Cui, Y. 2013. 2012 Recreational Boating Economic Impact Study. National Marine Manufacture Association, Chicago, Illinois.

Cui, Y. 2013. An examination of the effectiveness of using an internet-based GIS to update farmers market directories. Association of American Geographer Annual Meeting 2013. Los Angeles, CA, April.

Cui, Y. 2013. Modeling economic impacts of costal and great lakes ports. MSU ANR week Luncheon. East Lansing, MI, March

Cui, Y., Mahoney E. and Chang W. 2012. A New Tool for Estimating and Simulating Economic Impacts of Dredging Activity. PIANC USA Dredging 2012 San Diego, CA October

Chang, W., Cui, Y., Almodovar, L. and Mahoney E. (2012) Modeling Economic Impacts of Coastal and Great Lake Ports In The United States, IAME 2012 Conference

Cui, Y. (2012) Identifying Characteristics of Recreational Boat Owners in Florida Using Geodemographic Segmentation, NERR Proceeding, 2012

Mahoney E., Stynes D. and Yue Cui (2009) Florida Recreational Boating Studies. Florida Fish and Wildlife Conservation Commission, Government Report.

**Academic Services:**

Journal Reviewers for *Applied Geography*, *Earth Science Informatics*, *Tourism Management*

**Academic Membership:**

Association of American Geographers

Association of Chinese Geographers

Society of Outdoor Recreation Professionals

**Courses Taught:**

2012, 2013, 2014, 2015 Land Use Planning (Guest Lecturer)

2013            Geographic Information Technologies for Managing Natural Resource

2009, 2008    Commercial Recreation & Tourism Business and Organization

2008            Recreational Boating System