

Qiong (Chung) Wang

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EDUCATION

Doctor of Philosophy, Planning, Governance, and Globalization (PGG), *Expected May 2023*
School of Public and International Affairs, Virginia Tech, Blacksburg, Virginia (VA)

- Dissertation Title: “*From Ideas to Actions: Disaster Mitigation Policy Innovation and Adoption — Analysis of the FEMA’s Property Buyout Program*”

Graduate Certificate, Disaster Resilience and Risk Management (DRRM), Virginia Tech

Master of Science, Landscape Architecture, Peking University, Beijing, *June 2012*

Bachelor of Landscape Architecture, Beijing Forestry University, Beijing, *June 2008*

RESEARCH INTERESTS

Disaster Resilience, Environmental and Climate Policy, Environmental Justice, Floodplain Management, and Urban/Landscape Design

GRANTS

Graduate Research Fellowship, \$80,000, *Sep. 2021-Aug. 2023*

Virginia Sea Grant, VA. Research Title: “*Developing a Resilience Quotient System for Flood Mitigation in Coastal Virginia*”

Mitigation Matters Research Program Grant, \$2,500, *Nov. 2019-Jan. 2022*

Natural Hazards Center, Colorado. Research Title: “*What Drives Hazard Mitigation Policy Adoption? — FEMA’s Property Buyout Program in Virginia Counties*”

RESEARCH EXPERIENCE

Graduate Research Assistant, *Aug. 2017-May 2020*

Fellow of the NSF-funded Interdisciplinary DRRM Program, Virginia Tech, Blacksburg, VA
Interdisciplinary Graduate Education Program, Virginia Tech, Blacksburg, VA

Graduate Research Assistant, *Aug. 2011-June 2012*

College of Architecture and Landscape, Peking University, Beijing

Projects funded by the National Natural Science Foundation of China

PUBLICATIONS (Selected)

Peer-Reviewed Journal Articles

Wang, Q., & Zhang, Y. (Forthcoming). “Theorizing Hazard Mitigation Policy Adoption — Using Floodplain Property Buyout Program as an Example.” *Natural Hazards Review*. doi: 10.1061/NHREFO/NHENG-1569

Wang, Q., & Zhang, Y. “Factors Influencing Local Governments’ Adoption of FEMA Property Buyout Program: Evidence from Virginia Counties.” (Working paper, planned submission to *Landscape and Urban Planning*)

Wang, Q., & Zhang, Y. “Understanding Floodplain Property Buyout Program Adoption from Experts’ View.” (Working paper, planned submission to *Journal of Planning Education and Research*)

Wang, Q., Han, X. L., & Wang, Y. (2014). “Characteristics of Children’s Outdoor Physical Activity in Mixed Land Use Neighborhood — Case Study of the Neighborhood of Huaqing Jiayuan Beijing.” *Human Geography*, 29(2), 35-40.

Reports

Wang, Q., Zhang, Y., & Owen, K. (2022). “What Drives Hazard Mitigation Policy Adoption? — FEMA’s Property Buyout Program in Virginia Counties.” *Natural Hazards Center Mitigation Matters Grant Report Series, 10*. Boulder, CO: Natural Hazards Center, University of Colorado Boulder. <https://bit.ly/MMNHC2022>

Wang, Q., & Wang, Y. (2022). “How Resilient Is It? The Resilience Quotient Zoning Ordinance.” Virginia Scientists & Educators Alliance (VA SEA) 2022 Lesson Plans. Virginia Institute of Marine Science, William & Mary. doi: 10.25773/cjn4-jb26

TEACHING INTERESTS AND EXPERIENCE

Teaching Interests: Planning Methods, Environmental Justice, and Urban/Landscape Design

Guest Lecturer, Urban Affairs and Planning, Virginia Tech, VA, *Dec. 2018-Nov. 2021*

- 9 Lectures: “How to Develop a Survey in Qualtrics,” “Floodplain Maps and Flood Data Sources,” “Introduction to Graphic Design,” and “Adobe InDesign Program Tutorial”

Teaching Assistant, Urban Affairs and Planning, Virginia Tech, VA, *Aug. 2020-May 2021*

- UAP 5224: Planning Methods and Technologies (11 graduates)
- UAP 4354: Environment Problem Solving (21 undergraduates)
- REAL/UAP 2004: Principles of Real Estate (205 undergraduates)

PROFESSIONAL EXPERIENCE

Project Manager, Belt Collins, Shenzhen and Hong Kong Offices, China, *July-Nov. 2015*

Landscape Architect, AECOM, Shenzhen Office, China, *July 2012-April 2015*

CONFERENCE PRESENTATIONS AND POSTERS (Selected)

Wang, Q., Zhang, Y., Simons, M., & Sharp, K. “Innovative Planning Policy Addressing Climate Change: The Resilience Quotient Zoning Ordinance.” Association for Public Policy Analysis & Management Fall Research Conference, Washington, D.C., Nov. 17-19, 2022.

Wang, Q., Zhang, Y., Simons, M., & Sharp, K. “Bridging Science and Policy: Modifying the Resilience Quotient Zoning Ordinance in Norfolk.” The 47th Annual Natural Hazards Research and Application Workshop (NHW), Virtual, July 10-14, 2022.

Wang, Q., Zhang, Y., & Owen, K. “What Drives Hazard Mitigation Policy Adoption? — FEMA’s Property Buyout Program in Virginia Counties.” Virginia Floodplain Management Association Annual Conference, Virtual, Dec. 02-03, 2021.

Wang, Q., Cousins, T., Lightner, T., Cowell, M., & Irish, J. “Not Everyone Can Social Distance — Covid-19 and the Black Community.” The 46th Annual NHW, Virtual, July 11-15, 2021.

Wang, Q., & Zhang, Y. “What Drives Hazard Mitigation Policy Adoption? Floodplain Property Buyout.” Association of Collegiate Schools of Planning (ACSP) Annual Conference, Virtual, Nov. 05-08, 2020.

Zhang, Y., & **Wang, Q.** “Recovery in Coastal New Jersey after Superstorm Sandy: A Longitudinal Evaluation of the Federal Disaster Recovery Programs.” ACSP Annual Conference, Greenville, SC, Oct. 23-26, 2019.

PROFESSIONAL CERTIFICATES AND SERVICE (Selected)

- Reviewer, Information Systems for Crisis Response and Management Conference, *2019-21*
- Intermediate Engineer of Landscape Architecture, Professional Certificate of China, *2015-Present*