

## XIAOFEI QIN

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### EDUCATION

#### **Boston University**

2022-Present

Ph.D. Earth and Environment

GPA: 4.0/4.0

Academic Research: Environmental governance, heat planning, environmental justice

#### **Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences**

M.A., Human Geography

GPA: 3.88/4.0

2019-2022

#### **Sun Yat-sen University**

2015-2019

B.A., Human Geography and Urban-Rural Planning

GPA: 3.9/4.0

### PEER REVIEWED PUBLICATIONS

#### ***First author and corresponding author:***

Li Yurui, **Qin Xiaofei\***, Sullivan Abigail, et al. (2023). Collective action improves elite-driven governance in rural development within China. *Humanities and Social Sciences Communications*, 10, 600.

Li Yurui, Chen Ningkan, Abigail Sullivan, Chen Shuting, **Qin Xiaofei\***. (2023). Changing collaborative networks and transitions in rural sustainable development: qualitative lessons from three villages in China. *Ecology and Society*, 28(4).

**Qin Xiaofei**, Li Yurui, Lu Zhi, & Pan Wei. (2020). What makes better village economic development in traditional agricultural areas of China? Evidence from 338 villages. *Habitat International*, 106, 102286.

#### ***Co-author:***

Chen Ningkan, **Qin Xiaofei**, Zhong Shuai. (2024). Economic and carbon emission assessment of compostable plastics as a substitute for petrochemical plastics: a case study in Yunnan Province. *Environment, Development and Sustainability*.

Wang Ruoyu, Matthew H. E. M. Browning, **Qin Xiaofei**, et al. (2022). Visible green space predicts emotion: Evidence from social media and street view data. *Applied Geography*, 148, 102803.

Wang Pengyan, **Qin Xiaofei**, Li Yurui. (2021). Satisfaction Evaluation of Rural Human Settlements in Northwest China: Method and Application. *Land*, 10(8), 813.

Pan Wei, Wang Jing, **Qin Xiaofei**, & Li Yurui. (2021). Trends and types of rural residential land use change in China: A process analysis perspective. *Growth and Change*, 00, 1– 16.

### OTHER PUBLICATIONS

**Blog:** *Cooling Down Urban Neglect with Heat Mitigation Strategies in Guangzhou, China*. Boston University Global Development Policy Center. September, 2023.

<https://www.bu.edu/gdp/2023/09/06/summer-in-the-field-cooling-down-urban-neglect-with-heat-mitigation-strategies-in-guangzhou-china/>

**Video:** Women's Climate Shock Insurance Initiative: Piloting an Early Warning System. BU URBAN Internship Talks, Boston University URBAN Graduate Program. August, 2024.

<https://www.youtube.com/watch?v=2ZvglQhMnS0>

**Video:** *Intersection of Urban Heat Island Mitigation and Environmental Justice in the United States*. BU Institute for Global Sustainability. December, 2023.

[https://www.youtube.com/watch?v=w92sWYQ\\_oso](https://www.youtube.com/watch?v=w92sWYQ_oso)

**Infographic:** *EquityGuard Insights: Tackling Heat Vulnerability in Hong Kong*. <https://www.linkedin.com/feed/update/urn:li:share:7144857072747106304/>

**Database and Interactive Map:** “UHI-ACTION-MAP” – spatially pinpointing governmental and non-governmental actions for Urban heat island (UHI) mitigation (<https://caitlinfei.github.io/XiaofeiQin.github.io/UHI-ACTION-MAP.html>; Introduction for this product is published by Earth Hacks: <https://issuu.com/earthhacks/docs/mlvwe1ydo7f>)

## **RELEVANT WORK EXPERIENCE**

### **Summer Intern**

June 2024-Aug 2024

*Climate Resilience for All*

- Developed Heat-Health Early Warning System that proactively warns and effectively communicates heat risks and provides guidance to vulnerable populations during periods of extreme heat
- Key deliverables include communication slides used to guide the design of early warning systems and fund raising, a case study report, and methods documents
- Leveraging internship outcomes to shape research on Gender Equality in Heat Warning Systems. This research will result in a synthesis of research-informed practices that can support transformative change in heat warning systems, including incorporating gender perspectives in practices, addressing unbalanced power dynamics, and fostering a gender-transformative mindset.

### **Teaching Fellow**

Jan 2024 - present

*Boston University*

- Independently teaching 3 discussion sections of Environmental Change and Sustainability, a course that serves as a hub for 75 undergraduate students from various majors
- Independently taught 3 discussion sections of World Regional Geography with 45 undergraduate students, cultivating students' geographical awareness through exploration of diverse regions and perspectives
- Facilitated hands-on learning in Earth House with 4 students, introducing them to diverse sustainability practices in a small-group setting

### **Planning Project Intern**

Oct 2018-Dec 2018

*Guangdong Urban & Rural Planning and Design Institute Co., Ltd*

- Contributed to Strategic Planning of Jiujiang Town, Guangdong Province, China aimed at stimulating the development of local electronics and technology industry
- Surveyed status quo and characteristics of major industries and industrial parks among local business owners
- Created an analysis report centered on economic development and smart growth and formulated spatial implementation strategies

## **LEADERSHIP EXPERIENCE**

### **Co-Founder of a non-profit organization**

Jan 2024-Present

*HUG Future (Human Geographers of the Future)*

(Website, Initial version in Chinese: <https://hug-future.github.io/>)

- HUG Future aims to promote interdisciplinary knowledge exchange in human geography and other environmental related fields by facilitating science communication and information sharing, with a

focus on supporting early-stage researchers and bridging information gaps between the Global North and South

- Led strategic planning, including the development of our four main programs: education and job information sharing, book club, sustainability education webinar, science communication and media outreach
- Grew the working group of 30 and gained 2,076 subscribers on our initial social media account in China through consistent content creation

## **FELLOWSHIPS/AWARDS & CONFERENCES**

**BU URBAN National Science Foundation Graduate Trainee Fellowship** Aug 2022-present

- Received broad training across science, management, policy, communication and governance
- Used internship experience to formulate future scientific research activities and support host entities

**Institute for Global Sustainability Graduate Summer Fellows, Boston, MA** May-July 2023

- Worked alongside students and professors at Boston University conducting research on “Intersection between Urban Heat Island Mitigation and Environmental Justice in the US”, which later presented at the IGS annual meeting in late October 2023

**Summer in the Field Program, BU Global Development Policy Center, Boston, MA** Aug-Sept 2023

- Conducted research in Guangzhou, China, on examining one of the World Bank’s “pilot urban cooling projects” from the perspective of multi-stakeholders and social justice
- Wrote an article for a general audience published on webpage of BU Global Development Policy Center

**IASNR Conference Scholarship Award, Portland, ME** June 2023

- Presented a research poster titled “Integrating Environmental Justice into Policies and Action for Urban Heat Island Mitigation in the US” from my study during the IGS summer program
- Assisted in registration and facilitated communication throughout conference proceedings

**Excellent Report Award, Workshop on Regional Ecology, China** Nov 2020

- Delivered an oral presentation titled “Agricultural Land Use, Circulation, and Village Development”

**US-China Symposium 2025 at Tufts University, Boston, MA** April 2025

- Delivered an invited talk on China's Targeted Poverty Alleviation Program and joined a panel on ecology and inequality

## **COMPUTER SKILLS & LANGUAGES**

Computer: R, Python, Matlab, STATA, ArcGIS, NVivo, HTML, CSS, AutoCAD, AI, PS, CorelDRAW

Languages: Fluent in English, Native proficiency in Chinese (Mandarin and Cantonese)