

Research project and supervisory team

| | |
|---|---|
| Supervisory Team | Supervisor Name Prof. Jing Dai Prof. Haijun Bao Dr. Steven Zhou |
| Short introduction & description of research project | Focusing on low-income people in the 'global South,' this project aims to analyze their vulnerability to climate change, existing coping strategies and challenges based on night-light remote sensing data and explores strategic options for enhancing their climate resilience. The project examines the unique challenges faced due to socio-economic factors, environmental degradation and limited access to resources. It aims to understand how these populations perceive and respond to climate risks and assess current adaptation strategies' effectiveness. At the center of this investigation is the concept of 'adaptive capacity,' which refers to the ability of vulnerable groups to adapt to climate impacts through local and external interventions. The project plans to use a mixed methods approach, combining spatial modeling, secondary data analysis, qualitative case studies to assess existing adaptation strategies and their effectiveness. |
| Contact points | Jing Dai, jing.dai@nottingham.edu.cn Hiajun Bao, baohaijun@hzcu.edu.cn Steven Zhou, Steven.Zhou@nottingham.edu.cn |