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Richmond Hill College

Mapping the Nexus of Urban Urban Water Crisis, Social Capital, and Health

A Bibliometric Analysis



About the Presenter



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- Ph.D. in Health Education and Promotion (2018)
- 30+ peer-reviewed publications
- Expertise in health behavior change and diabetes self-care
- Head of Social Participation Secretariat



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Research Team

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The Challenge

Urban Water Crisis in the 21st Century

Urban water crisis is one of the major problems of the twenty -first century, worsened by climate change. Social capital emerges as a key element in community resilience.

This study performs a bibliometric analysis to produce a scientific map of the field, examining relevant publications and their impact.



Research Methodology

01

Bibliometric Analysis

Comprehensive review of relevant scientific publications in the field

03

Keyword Analysis

Co-occurrence analysis to identify research clusters

02

Metrics Examination

Analysis of yearly scientific output and citation patterns

04

Author Impact

Assessment of influential researchers in the field

Publication Trends

Research activity has surged dramatically in recent years, reflecting growing global concern.

20

Peak Publications

Articles published in 2024, marking the highest output

120+

Citation Surge

Citations in 2005, showing significant research impact

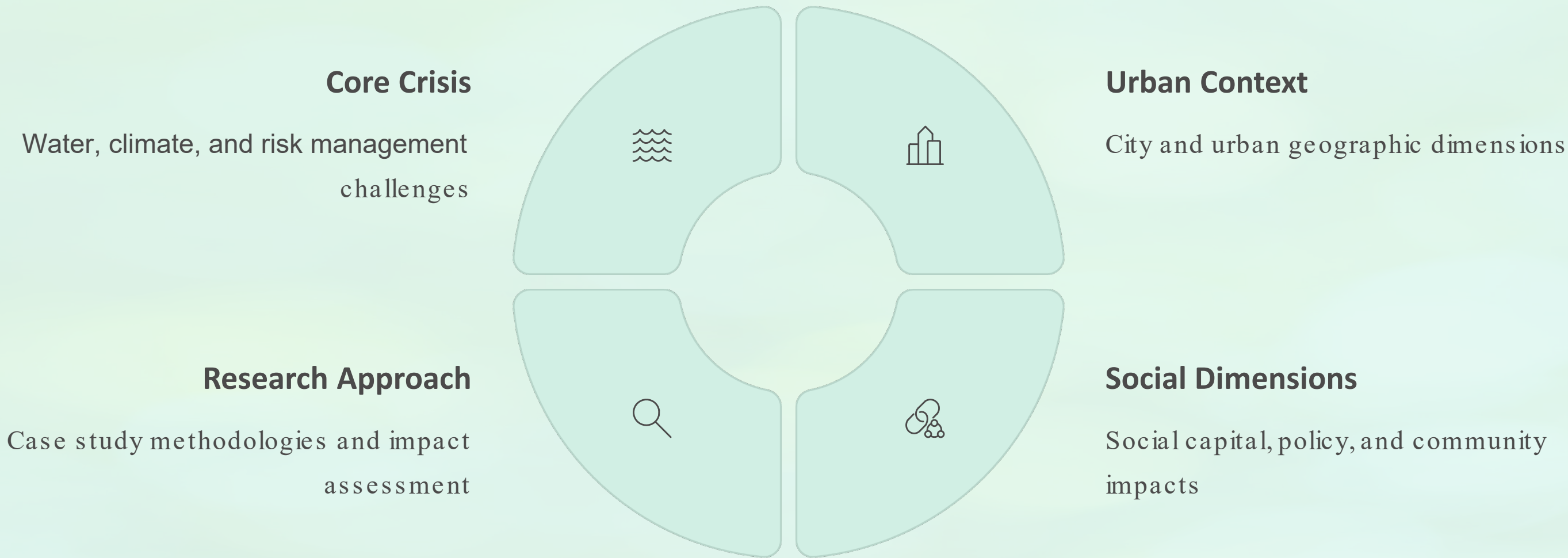
80+

Recent Impact

Citations in 2023, indicating sustained relevance



Four Primary Research Clusters



Key Findings

Multidisciplinary Field

Urban water crisis and social capital research spans multiple disciplines, integrating environmental science, public health, and social sciences.

Growing Interest

Significant surge in publications starting around 2020, demonstrating increasing global awareness and research investment.

Social Networks Matter

Understanding the function of social networks in sustainable water resource management is an area of expanding research interest.



Future Directions



Infrastructure Integration

Combining technological advances with water management systems



Social Strategies

Developing community-based approaches to water resilience



Sustainable Solutions

Integrating social capital with resource management

Key Takeaways



Expanding Field

Research on urban water crisis and social capital is rapidly growing and increasingly multidisciplinary



Social Capital Matters

Community resilience through social networks is critical for sustainable water management



Integrated Solutions

Future developments must combine infrastructure, technology, and social strategies

