



Governance and Sustainability Lab

The *Governance & Sustainability Lab* contributes to debates on society-nature dynamics focusing on governance processes. We critically analyse the interplay of social, ecological, socio-economic, techno-managerial and political processes and how they play out in space and scale. Drawing from the fields of water and energy geography we examine the role of governance in addressing sustainability challenges.

Our Approach

Complex socio-environmental challenges call for the integration of knowledge from both science and society to explore new strategies and opportunities towards sustainability transformations.

Knowledge production is combined with qualification of researchers working across multiple disciplines towards an integrated understanding of socio-environmental challenges.

WaterPower

Freshwater Security in the context of climate change, urbanisation and resource allocation

**Research:
Knowledge
Generation**

In-depth research
in the field of
Sustainability
Science

**Education and
Qualification:
Knowledge
Sharing**

Capacity building
for a next
generation of
scholars

**Co-production
of knowledge**

Transdisciplinary
approach:
problem-oriented
and of societal
relevance

Contact Us

Governance & Sustainability Lab

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Project Partner

Institute for Environment and Sanitation Studies
University of Ghana, Legon



WATERPOWER

**Research Group on the Collision of
Mega-Trends in the Greater Accra
Metropolitan Area**

WaterPower Research

WaterPower analyses physical and social dimensions related to urban water security in the Greater Accra Metropolitan Area, Ghana.

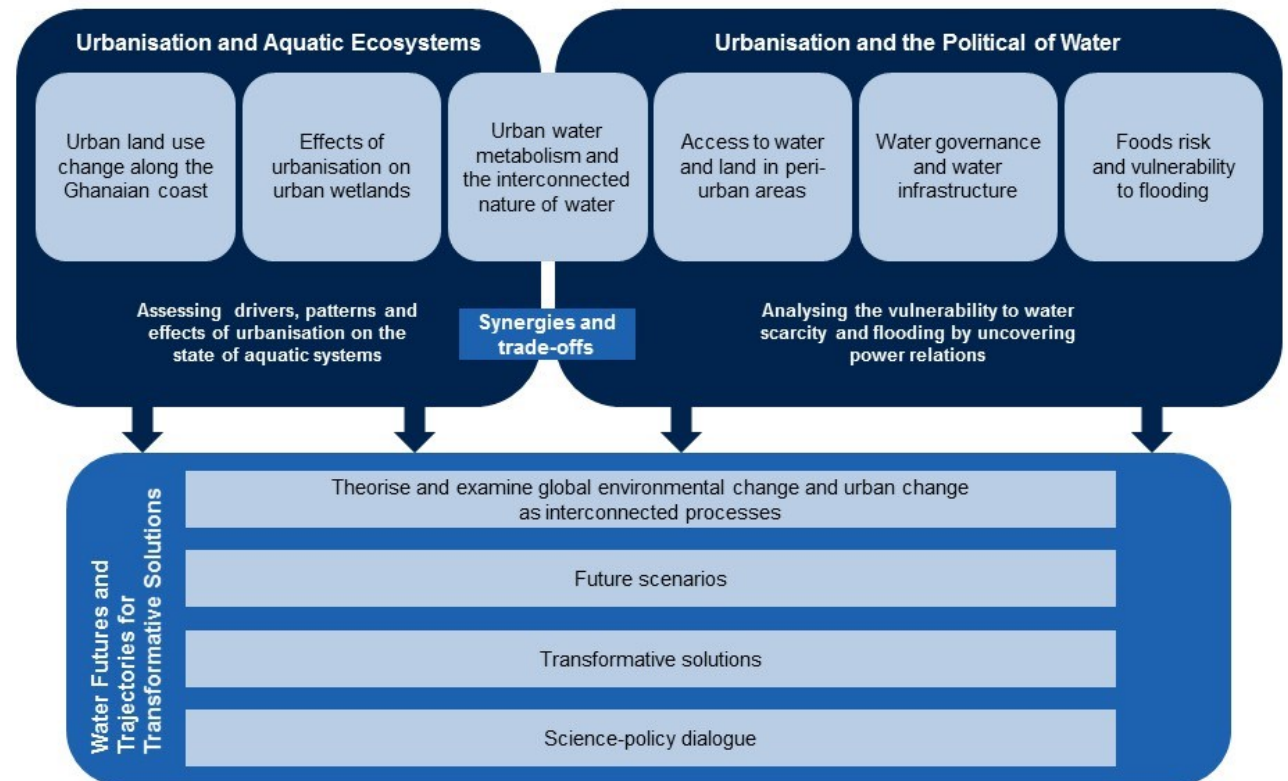
WaterPower is a laboratory for experimenting with novel ways of doing research in urban water studies. We contribute to current debates on society-nature relations by mapping, analysing and understanding processes that unfold in the urban water sphere.

By focusing on the availability and access of a resource, water, equally important for social and ecological systems, our research examines how global environmental change and planetary urbanisation influence local practices and resource governance processes. WaterPower is part of the Governance and Sustainability Lab at Trier University (Germany).



Integrative Framework

WaterPower brings together an international and interdisciplinary team of researchers and stakeholders, co-producing solution oriented knowledge and re-integrating new knowledge in science and society.



Multiple research methods:

- spatial mapping and modelling
- water flow analysis
- expert and stakeholder interviews
- community mapping
- other participatory methods

Outreach and dissemination activities:

- stakeholder workshops
- development of web-based tools
- handbooks, policy briefs
- summer school program
- art projects, exhibitions, videos