

Rapid planning – sustainable infrastructure, environmental and resource management for highly dynamic metropolitan regions;
Sub-project 8: Dissemination of results and technologies

Project management: Prof. Dr.-Ing. Artur Mennerich

Summary: In the project, Ostfalia's Suderburg campus is working on the technical aspects of water supply and sanitation:

- Data on urban water management is to be collected, reviewed and evaluated. In particular, the available water and wastewater infrastructure systems in the participating metropolitan regions are to be analysed and evaluated, so that the current situation can be compared with actual demand.
- Ostfalia will prepare material flow data for the modelling of various wastewater treatment concepts, and will help with the definition of scenarios. Water supply and wastewater disposal systems should be designed so that they are adapted to specific climatic and socio-economic conditions.
- The treatment of sewage sludge, in particular, forms the connecting element of wastewater in the infrastructure issues of waste, energy and urban agriculture. Ostfalia will identify energy and nutrient-recovery potentials from sewage sludge, which will feed into the drawing-up of waste recycling strategies.

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Organisational unit: Faculty of Civil and Environmental Engineering

Research area: Integrated Water and Soil Protection



Salzgitter

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