

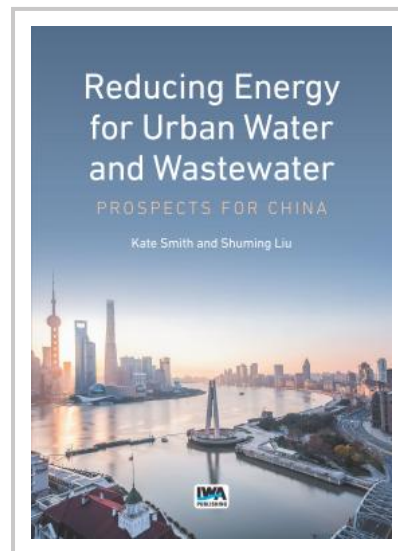
Reducing Energy for Urban Water and Wastewater: Prospects for China

Cities use large amounts of costly energy to supply water and treat wastewater, especially in China, one of the world's largest providers of urban water and sanitation services.

Reducing Energy for Urban Water and Wastewater shows how cities can reduce energy use, cut costs and curb greenhouse gas emissions. First, it guides the reader through water supply and wastewater treatment, explaining how energy is used at each step. Then the authors:

- Outline the most effective ideas for reducing energy use in cities, using China as a case study.
- Provide a decision-making framework to help cities focus their efforts.
- Investigate an often-overlooked high energy user in dense cities and suggest a way to cut energy.
- Assess the unintended downside of stricter wastewater standards and how to optimise the upside.
- Provide suggestions for increasing water and energy recovery in water-scarce cities.

The focus throughout is China, the biggest greenhouse gas emitter in the world.



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