Handbook of Water and Used Water Purification

- Presents the latest developments and full-scale applications with regard to high performance biological systems
- Describes latest developments and application in indirect and direct potable reuse, urban reuse as well as industrial recycling up the zero liquid discharge
- Presents recommendations with regard to the right technologies/processes for specific purification targets and a wide range of case studies, especially in emerging markets

The book addresses the entire water cycle. The focus is on new technologies/processes (especially in high performance biological treatment), energy recovery, water recycling and reuse. Recommendations with regard to the right technologies/processes for specific situations are provided. In addition, the most modern water terminology with more positive connotations is used. This is especially important in the field of direct and indirect potable reuse (DPR and IPR respectively).