

# Nanotechnology for Water and Wastewater Treatment

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The rapid development of nanoscience enables a technology revolution that will soon impact virtually every facet of the water sector. Yet, there is still too little understanding of what nanoscience and nanotechnology is, what can it do and whether to fear it or not, even among the educated public as well as scientists and engineers from other disciplines.

Despite the numerous books and textbooks available on the subject, there is a gap in the literature that bridges the space between the synthesis (conventional and more greener methods) and use (applications in the drinking water production, wastewater treatment and environmental remediation fields) of nanotechnology on the one hand and its potential environmental implications (fate and transport of nanomaterials, toxicity, Life Cycle Assessments) on the other.

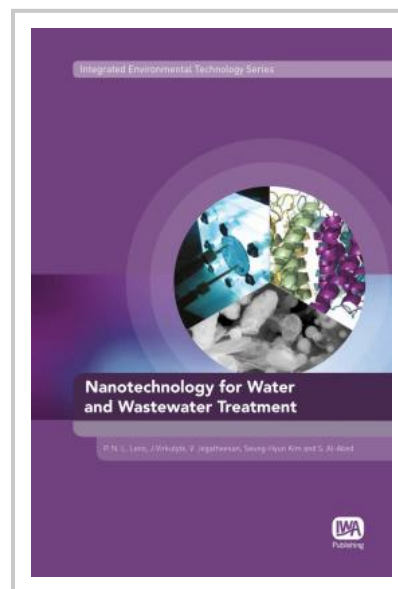
## **Nanotechnology for Water and Wastewater Treatment**

explores these topics with a broad-based multidisciplinary scope and can be used by engineers and scientists outside the field and by students at both undergraduate and post graduate level.

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