



# **Solids Process Design and Management (Mechanical Engineering)**

*By Water Environment Federation*

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## **The Definitive Guide to Solids Treatment and Management**

This authoritative resource is essential for professionals involved in the design, approval, and operation of municipal solids treatment and disposal systems.

*Solids Process Design and Management* contains the latest information on public outreach and involvement, waste minimization, anaerobic and aerobic digestion, odors, and treatment and utilization of green gases. Significant advancements in equipment, technologies, and processes as well as improved planning, design, and management practices are addressed in this comprehensive manual.

### **Coverage includes:**

- Conveyance of wastewater residuals
- Chemical conditioning
- Thickening
- Sludge minimization technologies
- Dewatering and composting
- Alkaline treatment
- Thermal drying and oxidation
- Disinfection and stabilization processes
- Pyrolysis and gasification
- Transport and storage
- Sidestreams from solids treatment processes
- Instrumentation and monitoring
- Landfill management systems
- And much more

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