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Nota di contenuto	Treatment of Domestic and Industrial Wastewater with Constructed Wetland - A Review -- Synthesis and Characterization of Amine Functionalized Zeolite 4A for Waste-water Treatment -- Flood Risk Management using HecRAS Model for the Planning of Artificial Levees as a Structural measure: a Case Study of Upper Sabarmati River Basin, Gujarat, India -- Modification of Graphene as an Effective Photo-Driven Catalyst for Photo-assisted Degradation of Chlorpyrifos -- Air Quality Index Management of Medium-Sized Community Space in Gurugram, Haryana -- Application of MOFs in Membrane Modification for Treatment of Waste Water: A review -- Identification of Sensitive Region by Short Term Shoreline Change Analysis over Gulf of Khambhat, Gujarat -- Water Consciousness and Indian Cinema: A Critical Discourse Analysis of Select Hindi Language Movies -- Characteristic Analysis of Oil Field-Produced Water -- Treatment of Waste Water using Conducting Polymer/Magnetite (Fe ₃ O ₄) Based Magnetic Adsorbent Materials -- Potential Impacts of Landfill Leachate on the

Quality of Groundwater Bodies -- Batch Reverse Osmosis: Evolution from the Concept to the Technology -- Breaking of Butyric acid-Water Azeotrope: Experimental Analysis on Air Gap Membrane Distillation -- Life Cycle Assessment of Electrocoagulation Pilot Unit for Dairy Wastewater Treatment -- Presence of Endocrine Disrupting Chemicals (EDC) in Water, Health Impacts and its Treatability A Review.

Sommario/riassunto

This book presents the select proceedings of International Conference on Advances in Water Treatment and Management (ICAWTM 2023). It covers the recent trends in water treatment processes. Various topics covered include innovative process developments in water treatment, renewable energy-assisted desalination processes, conceptual design, and process hybridization for water treatment. The book is highly useful for researchers and professionals in the fields of water treatment, renewable energy, industrial chemistry, and many other allied fields.
