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Altri autori (Persone)	IshiwatariMikio HullebuschEric van
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Nota di contenuto	- Progress in Biosynthesized of Silver Nanoparticles as Sustainable Approach for Photocatalytic Wastewater Treatment -- Impact of Onshore Construction Activities on Sea Water Turbidity -- Characteristics of Natural Organic Matter and Trihalomethanes Formation in The Southern Part of Songkhla Lake Basin -- Characterization and Statistical Multivariate Analysis of Potentially Toxic Elements Contamination of Groundwater in Chiniot Area, Punjab Plain, Pakistan -- A Systematic Literature Review on Rainwater Quality Influenced by Atmospheric Conditions with A Focus on Bangladesh -- Quantification of Flash Flood Runoff Volume Using Morphometric Parameters Towards Sustainability -- Application of the Whale

Optimization Algorithm (WOA) in Reservoir Optimization Operation under Investigation of Climate Change Impact: A Case Study at Klang Gate Dam, Malaysia -- Development of Cleaner Production Alternatives in Water Management in a Slaughterhouse in Ecuador: A Case Study -- Analyzing the Impact of Food-Energy-Water Nexus-Based Agricultural Patterns on Regional Water Resources -- Categorization of Urban Basin According to The Runoff Depth: Case Study of Katsushika Ward and Edogawa City Basin, Japan -- ETSim: A Reference Evapotranspiration Estimator and Its Evaluation at the Southern Region of Japan -- Performance Evaluation of a Full-Scale Forced Aerated Municipal Solid Waste Composting System: A Case Study in Kalutara, Sri Lanka -- A Systematic Bibliometric Analysis of Research on Hazardous Solid Waste Management -- Pre-paid System for Waste Minimization and Cost Recovery - A Trial in Gaza Strip, Palestine -- Green Synthesis and Antibacterial Activity of Silver Nanoparticles Synthesized by *Syzygium aromaticum* and *Thymus vulgaris* Extracts against Some Oral Pathogens -- Institutional Pressure, Organizational Factors and E-Waste Management Practice: A Study in Telecommunication and Technology Industries -- Life Cycle Assessment of Sugarcane Biorefinery Complex in the Indian Context -- High-Performance Computing Urban Air Pollution 3D Simulation with CFD PALM4U -- Assessment and Policy Recommendations of School Ambient Air Quality during the COVID-19 Pandemic in Abu Dhabi, UAE -- Particulate Matter Phytoremediation Capacity of Four Japanese Roadside Green Biofilters -- Resilience Assessment of Transportation Networks to Climate Change Induced Flooding: The Case of Doha Highways Network -- Achievements, Difficulties and Challenges of Managing and Adapting to Drought and Saltwater Intrusion in the Vietnamese Mekong Delta -- Public Transportation Resilience towards Climate Change Impacts: The Case of Doha Metro Network -- Social Vulnerability Assessment to Natural Hazards in East Malaysia -- Exploring the Significance of Resilience Qualities in the Context of the Middle East Built Environment -- Vegetation Coverage Assessment for Smart Cities Based on the Sentinel Remote Sensing Data: The Case of Zhejiang Province (China) -- Monitoring of Agricultural Expansion Using Hybrid Classification Method in Southwestern Fringes of Wadi El-Natrun, Egypt: An Appraisal for Sustainable Development -- Quantifying the Dynamics of Ecosystem Services Value in Response to Decentralization and Regional Autonomy in Indonesia: A Case Study of Southeast Sulawesi Province -- Assessment of Human Health Impact of Particulate Matter Formation from Industry Textile Boiler in Cambodia -- Assessment of Heavy Metals Uptake by Carrot at Different Contamination Levels of Soil -- The Economic Impact of California's Cap and Trade Program: An Interrupted Time Series Analysis with a Matching Approach -- Computing Digital Footprints: A New Model and Empirical Study -- Comparisons of Organic Acid and Inorganic Acid Pretreatment for Production of Reducing Sugar and Ethanol Production from Coffee Shell -- Hydrogen Fuel Cell for Passenger Railway Transport and Its Deployment in Saudi Arabia -- Deep Eutectic Solvent Pretreatment of Durian Peel for Enhanced Bioethanol Production. .

Sommario/riassunto

This book presents selected papers from the 2022 7th Asia Conference on Environment and Sustainable Development, which was held in Kyoto, Japan, November 4–6, 2022. The event was co-sponsored by the International Network for Environmental and Humanitarian Cooperation, and technically supported by Yokohama National University and the National Institute for Environmental Studies, Japan. The book focuses on environmental restoration and ecological engineering, global environmental change and ecosystems

management, environmental dynamics, wastewater and sludge treatment, air pollution and control, and environmental sustainability. The volume is a valuable resource for those in both academia and industry.
