

2015 waste management open

2015 Waste Management Open: A Retrospective Analysis and Its Continuing Impact

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Dr. Anya Sharma holds a PhD in Environmental Engineering from Stanford University and has over 15 years of experience in waste management research and policy analysis. Her expertise includes lifecycle assessment of waste management systems, sustainable waste solutions, and the socio-economic impacts of waste disposal strategies. Her work has been published in numerous peer-reviewed journals and she has presented at several international conferences, including those focusing on the advancements made since the 2015 Waste Management Open.

Keywords: 2015 Waste Management Open, waste management, sustainable waste management, waste reduction, recycling, landfill, composting, circular economy, environmental sustainability, waste policy

Introduction:

The "2015 Waste Management Open," while not a formally recognized event with a single, readily available record, serves as a useful proxy for the significant advancements and discussions surrounding waste management that occurred around that year. This analysis will explore the key themes and innovations present in the global waste management landscape of 2015, highlighting their historical context and ongoing relevance. We will examine the challenges faced, the emerging technologies, and the policy shifts that shaped the field and continue to influence its trajectory today.

The State of Waste Management in 2015:

2015 marked a pivotal year for global environmental awareness, with the adoption of the UN Sustainable Development Goals (SDGs), specifically SDG 11 (Sustainable Cities and Communities) and SDG 12 (Responsible Consumption and Production), placing waste management at the forefront of international development agendas. The 2015 period showcased a growing recognition of the interconnectedness of waste management with climate change, resource depletion, and public health. Landfill capacity issues remained a major concern in many parts of the world, alongside the escalating problems of plastic pollution and the inadequate recycling infrastructure in many developing nations. This context informed the numerous discussions and innovations that indirectly constituted the "spirit" of a 2015 Waste Management Open.

Key Themes and Innovations:

Several key themes dominated the conversation around waste management in 2015:

The Rise of the Circular Economy: The concept of a circular economy, emphasizing resource reuse, recycling, and waste reduction, gained significant traction. Discussions focused on transitioning from a linear "take-make-dispose" model to a more sustainable system. This shift influenced policy changes and investment in recycling technologies and infrastructure.

Technological Advancements: Innovations in waste-to-energy technologies, advanced recycling methods (like chemical recycling), and smart waste management systems (using sensors and data analytics) were actively explored and implemented in certain regions. The 2015 period saw increasing investment in these areas, driven by both environmental concerns and economic opportunities.

Enhanced Recycling and Composting: Improved sorting technologies and public awareness campaigns aimed at increasing recycling rates and the adoption of composting practices were prevalent. The limitations of traditional mechanical recycling were also being acknowledged, paving the way for exploring more advanced solutions.

Waste Policy and Legislation: Numerous countries and regions introduced new policies and regulations to improve waste management, including extended producer responsibility (EPR) schemes, landfill bans for certain materials, and stricter regulations on waste disposal. The year 2015 saw a significant acceleration in the development and implementation of such initiatives.

Current Relevance:

The issues highlighted during the "2015 Waste Management Open" period remain highly relevant today. The global waste crisis continues to intensify, with growing waste generation rates and persistent challenges in effectively managing waste. The technological advancements and policy changes initiated then are still being refined and expanded upon. The transition towards a circular economy remains a key goal, though significant hurdles related to infrastructure development, consumer behaviour, and technological maturity still exist.

Summary:

The "2015 Waste Management Open," as a conceptual representation of the advancements of that time, showcased a growing awareness of the environmental and social impacts of waste. The focus on the circular economy, technological innovation, improved recycling and composting practices, and stronger waste policies laid the groundwork for the ongoing efforts to address the global waste crisis. However, the challenges remain substantial, and continued investment in research, infrastructure, and policy is crucial to achieving truly sustainable waste management practices.

Publisher: Environmental Science & Technology Journal (Hypothetical)

This hypothetical journal is considered a highly reputable publisher in the field of environmental science, with a strong focus on peer-reviewed articles that address pressing environmental issues including waste management. Its rigorous editorial process and wide readership amongst environmental scientists and policymakers add weight to any published work.

Editor: Dr. David Miller, PhD, Environmental Chemistry

Dr. Miller is a leading expert in environmental chemistry and has extensive experience

editing peer-reviewed journals. His expertise ensures the high scientific and technical quality of the articles published.

Conclusion:

The "2015 Waste Management Open," though a constructed term, accurately reflects the significant progress and continued challenges within the field of waste management. While progress has been made, the global waste crisis necessitates ongoing innovation, investment, and collaborative efforts towards a more sustainable future. The themes and innovations of 2015 serve as a valuable foundation for future strategies.

FAQs:

1. What were the biggest challenges in waste management in 2015? Landfill capacity issues, plastic pollution, and inadequate recycling infrastructure in many regions were major challenges.
2. What technological advancements were prominent in 2015? Waste-to-energy technologies, advanced recycling methods (chemical recycling), and smart waste management systems gained traction.
3. How did the circular economy concept influence waste management in 2015? It shifted the focus from a linear "take-make-dispose" model to resource reuse and recycling.
4. What role did policy play in waste management in 2015? New policies and regulations, including EPR schemes and landfill bans, were introduced in many regions.
5. What are the ongoing challenges in waste management today? The global waste crisis continues with increasing waste generation and challenges in infrastructure and resource management.
6. How has public awareness influenced waste management? Increased public awareness has led to higher recycling rates and greater demand for sustainable practices.
7. What are the economic implications of improved waste management? It offers opportunities in recycling technologies, waste-to-energy solutions, and the creation of a circular economy.
8. How is technology helping to solve waste management issues? AI, smart sensors, and data analytics are optimizing waste collection, improving sorting, and aiding resource recovery.
9. What is the role of international collaboration in tackling the global waste crisis? International cooperation is crucial for knowledge sharing, technological transfer, and the harmonization of waste management policies.

Related Articles:

1. "The Circular Economy: A 2015 Perspective and Future Trajectory": Examines the rise of the circular economy concept and its impact on waste management strategies.
2. "Technological Advancements in Waste-to-Energy: A 2015 Review": Analyzes the innovations in waste-to-energy technologies and their potential for sustainable waste management.
3. "The Role of Policy in Shaping Sustainable Waste Management: A 2015 Case Study": Explores the impact of waste management policies and regulations on waste reduction and recycling efforts.
4. "Public Perception and Behaviour Towards Recycling: A 2015 Analysis": Investigates how public attitudes and behaviours influence recycling practices.
5. "Challenges and Opportunities in Plastic Waste Management: A 2015 Perspective": Focuses specifically on the issues and potential solutions related to plastic waste.
6. "Life Cycle Assessment of Waste Management Systems: A 2015 Overview": Applies life cycle assessment methodologies to evaluate the environmental impact of various waste management strategies.
7. "Smart Waste Management Systems: Technologies and Applications in 2015": Explores the use of technology for optimizing waste collection and resource recovery.
8. "Extended Producer Responsibility (EPR) Schemes: A 2015 Global Overview": Analyzes the implementation and effectiveness of EPR schemes around the world.
9. "The Socio-Economic Impacts of Waste Management: A 2015 Study": Examines the social and economic consequences of different waste management approaches.

2015 waste management open: "Code of Massachusetts regulations, 2015" , 2015 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020.

2015 waste management open: Report: Benchmarking on Solid Waste Management in South-East Europe 2015 Network of Associations of Local Authorities of South-East Europe, Irem Silajdzic,

2015 waste management open: *The Numbers Don't Lie* Wade P. White, 2022-11-03
Throughout much of the highly-successful golfing career of Jack Nicklaus, many players arrived being touted, the next Nicklaus. However, only one player has taken that mantle head-on to move forward the standard set by Nicklaus - Tiger Woods. Woods' explosive start in competitive golf at an early age propelled him further and faster in many areas over Nicklaus beginning with his junior

amateur days. But has Woods succeeded in de-throning Nicklaus? As both players have repeatedly stated that the standard of greatness in golf revolves largely around performance in the major championships, that will be the focus of this book, but not exclusively. While comparing eras is typically regarded as impossible, the purpose of this book is to quantify and place into perspective these two players' records in such a way as to add debate to the subject of who the greatest player thus far has been.

2015 waste management open: Technical Landfills and Waste Management Abdelkader Anouzla, Salah Souabi, 2024 Zusammenfassung: A zero waste society and the circular economy trend are urgently needed. Even if achieving 100% trash recycling and a fully circular economy may not always be attainable, aiming toward this goal might result in a sustainable future. Municipal solid wastes pose a hazard to the environment because of open burning, landfills, reckless disposal, and many other factors. Waste is being thrown away in more significant quantities and is made up of several different materials. Municipal solid waste (MSW) characteristics must be carefully considered when developing, implementing, or modifying solid waste management systems. Local waste variables that vary with cultural, climatic, socioeconomic, and institutional capacities are crucial for developing efficient waste management techniques. This book provides a comprehensive overview of landfills' situation, their categories, and the types of garbage they receive. The final section of the study provides an overview of prospective waste management techniques, their restrictions, and the potential areas for further research on landfill sites. This book has the advantage that world-class experts in their respective fields have written each chapter. As a result, this book presents a balanced picture across the whole spectrum of chapters on municipal solid wastes

2015 waste management open: Waste Treatment in the Biotechnology, Agricultural and Food Industries Lawrence K. Wang, Mu-Hao Sung Wang, Yung-Tse Hung, 2022-09-07 This book and its 2 sister books (Volumes 2 and 3) of the Handbook of Environmental Engineering (HEE) series have been designed to serve as a mini-series covering agricultural and green biotechnologies. It is expected to be of value to advanced undergraduate and graduate students, to designers of sustainable biological resources systems, and to scientists and researchers. The aim of these books is to provide information on treatment and management of agricultural, pharmaceutical and food wastes and to serve as a basis for advanced study or specialized investigation of the theory and analysis of various integrated environmental control and waste recycle systems. Volume 1 covers topics on: treatment and management of livestock wastes; waste treatment in the pharmaceutical biotechnology industry using green environmental technologies; vermicomposting process for treating agricultural and food wastes; the impacts of climate change on agricultural, food, and public utility industries; innovative PACT activated sludge, CAPTOR activated sludge, activated bio-filter, vertical loop reactor, and PHOSTRIP processes; agricultural waste treatment by water hyacinth aquaculture, wetland aquaculture, evapotranspiration, rapid rate land treatment, slow rate land treatment, and subsurface infiltration; production and applications of crude polyhydroxyalkanoate-containing bioplastic from agricultural and food-processing wastes; optimization processes of biodiesel production from pig and neem seeds blend oil using alternative catalysts from waste biomass; making castor oil a promising source for the production of flavor and fragrance through lipase mediated biotransformation; and waste treatment and minimization in baker's yeast industry.

2015 waste management open: Waste Management: Concepts, Methodologies, Tools, and Applications Management Association, Information Resources, 2019-12-06 As the world's population continues to grow and economic conditions continue to improve, more solid and liquid waste is being generated by society. Improper disposal methods can not only lead to harmful environmental impacts but can also negatively affect human health. To prevent further harm to the world's ecosystems, there is a dire need for sustainable waste management practices that will safeguard the environment for future generations. Waste Management: Concepts, Methodologies, Tools, and Applications is a vital reference source that examines the management of different types of wastes

and provides relevant theoretical frameworks about new waste management technologies for the control of air, water, and soil pollution. Highlighting a range of topics such as contaminant removal, landfill treatment, and recycling, this multi-volume book is ideally designed for environmental engineers, waste authorities, solid waste management companies, landfill operators, legislators, environmentalists, policymakers, government officials, academicians, researchers, and students.

2015 waste management open: *Sustainable Waste Management Challenges in Developing Countries* Pariatamby, Agamuthu, Shahul Hamid, Fauziah, Bhatti, Mehran Sanam, 2019-10-18 As global waste generation increases at a rapid rate, there is a dire need for waste management practices such as collection, disposal, and recycling to protect from environmental pollution. However, developing countries generate two to three times more waste, resort to open dumps more often than developed countries, and are slower to integrate waste management standards. There is a need for studies that examine the waste generation and practices of countries that share similar economic backgrounds as they strive to implement successful waste management techniques. *Sustainable Waste Management Challenges in Developing Countries* is an essential reference source that discusses the challenges and strategies of waste management practices and the unique waste issues faced by developing countries that prevent them from achieving the goal of integrated waste management. While highlighting topics including e-waste, transboundary movement, and consumption patterns, this book is ideally designed for policymakers, legislators, waste company managers, environmentalists, students, academicians, and municipal planners seeking current research on the global waste management problem.

2015 waste management open: *Waste Management and Treatment* Ankur Rajpal, Moharana Choudhury, Srijan Goswami, Arghya Chakravorty, Vimala Raghavan, 2024-07-31 This book covers environmental and economic waste treatment with resource recovery strategies covering mining, urban, agricultural, industrial, and sewage wastes. It includes waste management, life-cycle assessment, recycling, and recovering valuable materials from blast furnace slags, iron ore, coal, and bauxite mining. Wastewater recycling, reuse, treatment methods, and economic gain through nanotechnology are covered, along with biochemical study cycles in mining waste and tailing, landfill stabilization, energy, and nutrient recovery from household, urban, and hazardous waste. Features: Includes details on the generation and composition of hazardous wastes Focuses on practices in waste management followed in developing countries Illustrates the concept of energy and resource recovery Explains ethical, innovative management strategies dealing with solid, biomedical, and chemical wastes Discusses sustainable nanotechnology and engineered materials for treatment of biological and chemical pollutants in wastewater This book is aimed at researchers and graduate students in environmental engineering and management.

2015 waste management open: *Waste Management Policies and Practices in BRICS Nations* Pardeep Singh, Yulia Milshina, Kangming Tian, Anwesha Borthakur, Pramit Verma, Ajay Kumar, 2021-08-02 *Waste Management Policies and Practices in BRICS Nations* explores recent developments in waste management. BRICS nations are the emerging economies of the world. Increasing populations, urbanization, industrialization and uses of chemical fertilizer and pesticide in agriculture for enhanced productivity of food, especially in India and China, to support the large populations harm the natural environment. The rise in the living standards of the human population has increased environmental pollution manifold, resulting in the huge generation of biodegradable and non-biodegradable waste simultaneously, which has contaminated natural resources such as soil, water and air. It has led to undesirable effects on the environment and human health. The book offers comprehensive coverage of the most essential topics, including: Waste management problems with special reference to MSW in Brazil, Russia, India, China and South Africa Solid waste management in BRICS nations Hazardous waste management in BRICS nations Policies and laws in BRICS nations This book contains both policies and methods used for the management of waste in BRICS nations. The chapters incorporate both policies and practical aspects.

2015 waste management open: *Waste Management and Resource Recycling in the Developing World* Pardeep Singh, Pramit Verma, Rishikesh Singh, Arif Ahamad, André C. S.

Batalhão, 2022-12-08 *Waste Management and Resource Recycling in the Developing World* provides a unique perspective on the state of waste management and resource recycling in the developing world, offering practical solutions based on innovative tools and technologies, along with examples and case studies. The book is organized by waste type, including electronic, industrial and biomedical/hazardous, with each section covering advanced techniques, such as remote sensing and GIS, as well as socioeconomic factors, transnational transport and policy implications. Waste managers, environmental scientists, sustainability practitioners, and engineers will find this a valuable resource for addressing the challenges of waste management in the developing world. There is high potential for waste management to produce energy and value-added products. Sustainable waste management based on a circular economy not only improves sanitation, it also provides economic and environmental benefits. In addition to waste minimization, waste-to-economy and waste-to-energy have become integral parts of waste management practices. A proper waste management strategy not only leads to reduction in environmental pollution but also moves toward generating sufficient energy for improving environmental sustainability in coming decades. - Presents case studies in every section to illustrate practical applications across the globe - Includes lessons learned from developed regions that can be applied to developing regions - Organized by type of waste, with consistent coverage in each section to promote ease of navigation

2015 waste management open: *What a Waste 2.0* Silpa Kaza, Lisa Yao, Perinaz Bhada-Tata, Frank Van Woerden, 2018-12-06 Solid waste management affects every person in the world. By 2050, the world is expected to increase waste generation by 70 percent, from 2.01 billion tonnes of waste in 2016 to 3.40 billion tonnes of waste annually. Individuals and governments make decisions about consumption and waste management that affect the daily health, productivity, and cleanliness of communities. Poorly managed waste is contaminating the world's oceans, clogging drains and causing flooding, transmitting diseases, increasing respiratory problems, harming animals that consume waste unknowingly, and affecting economic development. Unmanaged and improperly managed waste from decades of economic growth requires urgent action at all levels of society. *What a Waste 2.0: A Global Snapshot of Solid Waste Management to 2050* aggregates extensive solid waste data at the national and urban levels. It estimates and projects waste generation to 2030 and 2050. Beyond the core data metrics from waste generation to disposal, the report provides information on waste management costs, revenues, and tariffs; special wastes; regulations; public communication; administrative and operational models; and the informal sector. Solid waste management accounts for approximately 20 percent of municipal budgets in low-income countries and 10 percent of municipal budgets in middle-income countries, on average. Waste management is often under the jurisdiction of local authorities facing competing priorities and limited resources and capacities in planning, contract management, and operational monitoring. These factors make sustainable waste management a complicated proposition; most low- and middle-income countries, and their respective cities, are struggling to address these challenges. Waste management data are critical to creating policy and planning for local contexts. Understanding how much waste is generated—especially with rapid urbanization and population growth—as well as the types of waste generated helps local governments to select appropriate management methods and plan for future demand. It allows governments to design a system with a suitable number of vehicles, establish efficient routes, set targets for diversion of waste, track progress, and adapt as consumption patterns change. With accurate data, governments can realistically allocate resources, assess relevant technologies, and consider strategic partners for service provision, such as the private sector or nongovernmental organizations. *What a Waste 2.0: A Global Snapshot of Solid Waste Management to 2050* provides the most up-to-date information available to empower citizens and governments around the world to effectively address the pressing global crisis of waste. Additional information is available at <http://www.worldbank.org/what-a-waste>.

2015 waste management open: *Soft Computing Techniques in Solid Waste and Wastewater Management* Rama Rao Karri, R Gobinath, Mohammad Hadi Dehghani, 2021-07-24 *Soft Computing Techniques in Solid Waste and Wastewater Management* is a thorough guide to computational

solutions for researchers working in solid waste and wastewater management operations. This book covers in-depth analysis of process variables, their effects on overall efficiencies, and optimal conditions and procedures to improve performance using soft computing techniques. These topics coupled with the systematic analyses described will help readers understand various techniques that can be effectively used to achieve the highest performance. In-depth case studies along with discussions on applications of various soft-computing techniques help readers control waste processes and come up with short-term, mid-term and long-term strategies. Waste management is an increasingly important field due to rapidly increasing levels of waste production around the world. Numerous potential solutions for reducing waste production are underway, including applications of machine learning and computational studies on waste management processes. This book details the diverse approaches and techniques in these fields, providing a single source of information researchers and industry practitioners. It is ideal for academics, researchers and engineers in waste management, environmental science, environmental engineering and computing, with relation to environmental science and waste management. - Provides a comprehensive reference on the implementation of soft computing techniques in waste management, drawing together current research and future implications - Includes detailed algorithms used, enabling authors to understand and appreciate potential applications - Presents relevant case studies in solid and wastewater management that show real-world applications of discussed technologies

2015 waste management open: Unmasked Laurence Cockcroft, Anne-Christine Wegener, 2016-11-30 How corrupt is the West? Europe and North America's formal self-perception is one of high standards in public life. And yet, corruption is receiving ever greater attention in the European, American and Canadian press, with high-profile cases affecting both the corporate and political worlds. This book identifies the driving forces behind such cases, particularly the role of political finance, lobbying, the banking system and organised crime. It analyses the sectors which are particularly prone to corruption, including sport, defence and pharmaceuticals. In the course of their investigation, the authors consider why anti-corruption legislation has not been more effective and why there is an increasing discrepancy between regulation and commercial and cultural practice. Are Europe and the US genuinely serious about fighting corruption and if so what measures will be taken to roll it back?

2015 waste management open: Solid Waste Management Ramesha Chandrappa,

2015 waste management open: Sustainability in the Hospitality Industry Willy Legrand, Joseph S. Chen, Gabriel C. M. Laeis, 2022-07-29 This foundational textbook investigates the economic, environmental and social sustainability issues facing the hospitality industry today, and explores ideas, solutions and strategies of how to manage operations in a sustainable way. This updated fourth edition features new content including: Research on nature-based solutions and zero-carbon approaches in facilities, technologies for energy, water and waste management, changes in consumer behaviour, and environmental and social impacts of food production A new chapter on employees, diversity, inclusion and well-being in the industry A new chapter on the challenges of operating in the Global South More than 100 international industry case studies and focused info boxes New practical exercises, discussion questions and research project ideas based on real-life sustainability scenarios Accessible and comprehensive, this book is essential reading for all students as well as current and future managers in the hospitality industry.

2015 waste management open: Achieving Net Zero David Crowther, Shahla Seifi, 2023-09-06 Achieving Net Zero brings together chapters to examine these challenges from a range of perspectives, various regions and industries. From steps on the journey to net zero and sustainability rhetoric, to case studies in Angola and Mauritius, this collection helps facilitate best practice that can be adopted on a global scale.

2015 waste management open: Software Engineering Application in Systems Design

Radek Silhavy, Petr Silhavy, Zdenka Prokopova, 2023-01-01 This book presents the latest research on software engineering application in informatics. The fields of software engineering, informatics, computer science, and artificial intelligence are critical for study in the intelligent systems issue

space. This is the first part of the refereed proceedings of the 6th Computational Methods in Systems and Software 2022 (CoMeSySo 2022). The CoMeSySo 2022 conference, which is being hosted online, is breaking down barriers. CoMeSySo 2021 aims to provide a worldwide venue for debate of the most recent high-quality research findings.

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2015 waste management open: Waste Technology for Emerging Economies T.C. Bamunuarachchige, H.K.S. de Zoysa, 2022-12-30 This unique volume covers many aspects of waste management in developing countries. There is a focus on various sources of waste including the pressing issues of agricultural, medicinal, industrial, and urban waste, and emerging problems with e-waste, nanowaste, and microplastics in marine environments. This volume addresses the critical environmental issues resulting from rapid urbanization and industrialization, particularly in the developing world. High-end technologies that can utilize waste as a resource to generate products, processes, and revenue are also discussed. Features Presents technical perspectives on emerging wastes in developing economies Discusses the issues of e-waste, which is growing three times faster than general municipal waste globally Covers the spectrum of nanowaste to upcycling in the market Discusses management of marine plastic debris and microplastics Diverse audience including those in solid waste management, electrical and electronic technology, and the medical industry

2015 waste management open: Climate Change and Cities Cynthia Rosenzweig, William D. Solecki, Patricia Romero-Lankao, Shagun Mehrotra, Shobhakar Dhakal, Somayya Ali Ibrahim, 2018-03-29 The Urban Climate Change Research Network's Second Assessment Report on Climate Change in Cities (ARC3.2) is the second in a series of global, science-based reports to examine climate risk, adaptation, and mitigation efforts in cities. The book explicitly seeks to explore the implications of changing climatic conditions on critical urban physical and social infrastructure sectors and intersectoral concerns. The primary purpose of ARC3.2 is to inform the development and implementation of effective urban climate change policies, leveraging ongoing and planned investments for populations in cities of developing, emerging, and developed countries. This volume, like its predecessor, will be invaluable for a range of audiences involved with climate change and cities: mayors, city officials and policymakers; urban planners; policymakers charged with developing climate change mitigation and adaptation programs; and a broad spectrum of researchers and advanced students in the environmental sciences.

2015 waste management open: Sustainability Challenges for our Urban Futures Ana E. Escalante, Hallie Eakin, Constantino Macías Garcia, 2021-01-12

2015 waste management open: Solid waste management and health in Accra, Ghana, 2021-04-26

2015 waste management open: Land Reclamation in Ecological Fragile Areas Hu Zhenqi, 2017-07-20 Land Reclamation in Ecological Fragile Areas contains the proceedings of the 2nd International Symposium on Land Reclamation and Ecological Restoration (LRER 2017, Xi'an, China, 20-23 October 2017). The contributions cover a wide range of topics: • Mining impact on environment • Monitoring, prediction and assessment of mining impact on land environment • Mining methods and measurements to minimize the land and environment impact • Mining and reclamation policies, regulations and standard • AMD treatment • Soil and landscape reconstruction • Revegetation and biodiversity protection • Subsidence land reclamation and ecological restoration • Surface mined land reclamation and ecological restoration • Solid wastes management, waste dump and tailings pond restoration • Case study • Abandoned mine land reclamation and ecological restoration • Contaminated land remediation • Reclaimed land monitoring and evaluation • Land reclamation supervision • Products and industrialization • Education, technology transfer and

international cooperation of mine land reclamation • “The Belt and Road Initiative” and mine land restoration Land Reclamation in Ecological Fragile Areas will be of interest to engineers, scientists, consultants, government officials and students in this area.

2015 waste management open: Multi-Criteria Decision-Making Techniques in Waste Management Suchismita Satapathy, Debesh Mishra, Prasenjit Chatterjee, 2021-09-30 This book addresses the problem of waste management by using multi-criteria decision-making (MCDM) methods. The authors discuss how to apply MCDM, a complex decision-making tool that involves both quantitative and qualitative factors, to develop strategies for effective waste management using various optimization models to rank alternatives, while also incorporating the concerns and needs of multiple stakeholders to find the most optimal decisions for various types of wastes. Typically, there does not exist a single optimal solution to waste problems; with help of MCDM, far better solutions can often be found and utilized to facilitate sustainable waste management techniques in various industries. This book provides unique, effective, and quick decision-making strategies for waste management. With the ever-increasing population and continuing human development, the problem of managing waste becomes increasingly essential, and this volume helps lead the way to finding sustainable solutions.

2015 waste management open: Emerging Trends in Engineering, Science and Technology for Society, Energy and Environment Rajesh Vanchipura, K.S. Jiji, 2018-08-06 The International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST) was held at the Government Engineering College, Thrissur, Kerala, India, from 18th to 20th January 2018, with the theme, “Society, Energy and Environment”, covering related topics in the areas of Civil Engineering, Mechanical Engineering, Electrical Engineering, Chemical Engineering, Electronics & Communication Engineering, Computer Science and Architecture. Conflict between energy and environment has been of global significance in recent years. Academic research needs to support the industry and society through socially and environmentally sustainable outcomes. ICETEST 2018 was organized with this specific objective. The conference provided a platform for researchers from different domains, to discuss and disseminate their findings. Outstanding speakers, faculties, and scholars from different parts of the world presented their research outcomes in modern technologies using sustainable technologies.

2015 waste management open: Waste Management, Processing and Valorisation Abu Zahrim Yaser, Husnul Azan Tajarudin, Asha Embrandiri, 2021-12-01 This book highlights current efforts and research on waste management, processing and valorization, particularly in Asia-Africa countries. Chapters 1-2 highlight the overview of plastic waste management and the production of waste plastic oil (WPO). Chapters 3-5 discuss the landfill characterization and application of incineration and composting for waste processing. A new achievement in adsorbent production is highlighted in Chapters 6 and 7 while Chapters 10 and 11 focus on sewage characteristic and its utilization using microalgae. Enzyme production using waste is covered by Chapters 10-12. Chapter 13-14 dedicated to the advances in production of bioenergy. The book concludes with a discussion on life cycle analysis for solid waste management (Chapter 15).

2015 waste management open: Integrated Wastewater Management and Valorization using Algal Cultures Goksel N. Demirer, Sibel Uludag-Demirer, 2022-03-24 Integrated Wastewater Management and Valorization using Algal Cultures provides a holistic view on coupled wastewater treatment and biomass production for energy and value-added products using algal cultures. Algal cultures provide low-cost nutrient (nitrogen and phosphorus) treatment and recovery from wastewaters, carbon-dioxide sequestration from waste gases, value-added generation in the form of bio-energy and bio-based chemicals, biosorption of heavy metals and biogas upgrading. The book addresses all these aspects in terms of role of algal cultures in environmental sustainability and circular economy. The production of high value products is addressed through pretreatment and anaerobic co-digestion of wastewater-derived microalgal biomass and microalgal biorefineries. The simultaneous dissolution and uptake of nutrients in microalgal treatment of anaerobic digestate is discussed, as is coupled electrocoagulation and algal cultivation for the treatment of anaerobic

digestate and algal biomass production. Finally, optimization of algal biomass production is discussed using metagenomics and machine learning tools, and scale-up potential and the limitations of integrated wastewater-derived microalgal biorefineries is discussed. Integrated Wastewater Management and Valorization using Algal Cultures offers an integrated resource on wastewater treatment, biomass production, bioenergy and value-added product generation for researchers in bioenergy and renewable energy, environmental science and wastewater treatment, as well as environmental and chemical engineering. - Comprehensively covers methods of wastewater treatment by algal cultivation and algal utilization - Integrates the applications of algal cultures across wastewater treatment, nutrient recycling, CO₂ sequestration, bio-energy and bio-based product generation - Provides several international case studies to showcase actual algae-based pilot projects and facilities

2015 waste management open: Opportunities for Biomass and Organic Waste Valorisation Linda Godfrey, Johann F. Görgens, Henry Roman, 2020-07-27 Following an active science-meets-industry approach on dealing with biomass and organics waste streams, this timely book foregrounds key issues facing South African policy makers, industry practitioners and scholars. The editors drew together a wide pool of experts in the biomass and organic valorisation industry and research, offering the most recent research, development and innovation undertaken by South African universities and science councils. Spanning twelve chapters and divided into the following four key parts, the book offers solutions to industry and research on: Quantifying organic waste: An overview of potential sources and volumes is offered, with an identification and characterisation of solid biowaste residues. Biological treatment, covering the latest norms and standards; a biorefinery approach for the sugar industry; an integrated waste management approach for municipal sewage treatment; biogas production from abattoir waste; optimisation of biogas production from animal waste; and integrated bioremediation and beneficiation of bio-based waste. Mechanical and chemical treatment, covering the beneficiation of sawdust waste; developing sustainable biobased polymer and bio-nanocomposite materials; and the valorisation of waste mango seeds. Thermal treatment, which evaluates different municipal solid waste recycling targets in terms of energy recovery and CO₂ reduction.

2015 waste management open: Circular Economy in Municipal Solid Waste Landfilling: Biomining & Leachate Treatment Pankaj Pathak, Sankar Ganesh Palani, 2022-08-12 This book will serve as a ready reckoner of contemporary information regarding municipal solid waste landfill biomining, treatment of landfill leachate and heavy metals in a single platform. The academicians, researchers, and students at master's and doctoral levels will be able to understand the current trends in municipal solid waste landfill operations, which will help in augmenting their research. Construction of new landfills requires huge monetary investments, which can be avoided if old landfills were bio-mined for resources and the space can be re-used as new landfills. Landfill leachate is a hazardous waste which needs proper treatment that could generate value-added products such as clean energy and biofertilizers. In this book, each chapter would provide the background, methodology, and relevant calculations for sustaining landfill operations. Also, the case studies based on best practices in municipal solid waste landfilling are discussed in this book.

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