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Soggetti	Environmental engineering Civil engineering Refuse and refuse disposal Pollution Environmental Civil Engineering Disposal Technology and Management
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Nota di contenuto	Vehicular pollution and its impact on human health -- Unveiling the Yearly and Seasonal Dynamics of Air Quality in Hyderabad: An In-depth Examination of Spatiotemporal Air Pollutant Patterns -- Exploring the seasonal relationship between land surface temperature and air pollutants in Bengaluru and Hyderabad cities of India -- Climate-Related Changes in Shillong's PM2.5 Concentrations.
Sommario/riassunto	Global Perspectives on Environmental Sustainability and Transformative Climate Change Approaches is a ground-breaking, interdisciplinary exploration of global environmental challenges. The book thoroughly analyzes the current environmental state, emphasizing the urgency to address climate change. It delves into transformative approaches, showcasing successful initiatives from diverse regions and sectors. From renewable energy to community-based conservation, the book highlights the interconnectedness of environmental issues and advocates for a holistic, collaborative approach. It explores the role of technology, policy frameworks, and international cooperation in driving

transformative change. Case studies illustrate practical implementation, offering valuable insights for policymakers, researchers, and practitioners. Additionally, the book addresses social dimensions, emphasizing equity, justice, and community engagement, and underscores the importance of inclusivity in crafting effective climate policies. As an essential resource for academics and policymakers, it identifies challenges and inspires hope by showcasing successful strategies and encouraging a collective, global effort for a sustainable and resilient future. The conference proceedings titled "The International Conference on Environmental Sustainability and Climate Change ICESCC 2023" address the complex issues surrounding environmental sustainability and climate change. This book encompasses a wide range of subjects, such as climate science, strategies to reduce the impact of climate change, adapting to its effects, governing policies, sustainable development, preserving biodiversity, effective communication about climate issues, fairness considerations, innovative technologies, collaboration across different sectors, exemplary approaches, and prospects. The book aims to facilitate the exchange of advanced research, foster collaboration, and stimulate discussions that motivate action. The book will primarily address sustainable energy solutions, which include energy sources, energy efficiency, and clean technologies. Other key topics of discussion will be climate policy, climate change initiatives, air pollution control, solid waste management, water resource management, catalysis applications in pollution control, and geoenvironmental technologies. The book aims to improve worldwide initiatives in addressing climate change and improving environmental sustainability by facilitating debates, exchanging ideas, and proposing creative solutions.

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