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| Autore                  | Hashemi Shervin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Titolo                  | Innovative Approaches toward Healthy and Sustainable Environment :<br>Air, Water, Food, and Waste Treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Pubbl/distr/stampa      | MDPI - Multidisciplinary Digital Publishing Institute, 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Descrizione fisica      | 1 online resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Soggetti                | History of engineering and technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sommario/riassunto      | Sustainable solutions are urgently needed in a world facing environmental challenges such as air pollution, water scarcity, food insecurity, and waste management. This special issue "Innovative Approaches toward a Healthy and Sustainable Environment: Air, Water, Food, and Waste Treatment" explores groundbreaking strategies and technologies that address these critical issues. This volume unites leading experts, researchers, and practitioners worldwide. It focuses on four key pillars of environmental sustainability: clean water, sustainable food systems, waste management, and interconnections between water, energy, food, and ecosystems. Comprising thirteen research articles, two reviews, and an editorial, this collection examines innovative and effective solutions developed today. Readers will find real-world applications and case studies that revolutionize our approach to protecting and interacting with our planet. From advanced water treatment technologies to sustainable farming practices and waste recycling innovations, this book offers practical tools and strategies for creating a healthier and more sustainable future for the planet. Whether you are a scientist, policymaker, entrepreneur, or concerned citizen, this reprint highlights urgent environmental issues and inspires action, collaboration, and innovation to help build a cleaner and greener world. |