1. **Record Nr.** UNISA996200082403316

   Titolo Britain and the world

   Pubbl/distr/stampa Edinburgh, : Edinburgh University Press

   ISSN 2043-8575

   Soggetti History
   Periodicals.
   Great Britain History Periodicals
   Great Britain

   Lingua di pubblicazione Inglese

   Formato Materiale a stampa

   Livello bibliografico Periodico

   Note generali "Historical journal of the British Scholar Society."
   Refereed/Peer-reviewed

2. **Record Nr.** UNINA9911031670003321

   Autore Tiwari Shashi Kant

   Titolo AI-Driven Environmental Pollution Management / / edited by Shashi Kant Tiwari, Atul Fegade, Mustafa Kamal

   Pubbl/distr/stampa Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025

   ISBN 3-031-96243-5

   Edizione [1st ed. 2025.]

   Descrizione fisica 1 online resource (392 pages)

   Collana Climate Risks and Solutions, , 3005-1673

   Altri autori (Persone) FegadeAtul
   KamalMustafa

   Disciplina 006.3

   Soggetti Artificial intelligence
   Environmental management
   Machine learning
   Pollution
   Biogeography
   Artificial Intelligence
   Environmental Management
   Machine Learning
   Biogeosciences

   Lingua di pubblicazione Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Understanding Environmental Pollution -- Advanced Monitoring Techniques -- Artificial Intelligence In Pollution Management -- Economic And Sustainable Solutions -- Technological Innovations For Sustainability -- Index.
Sommario/riassunto	This book provides a comprehensive overview of the challenges caused by environmental pollution on a global scale, and delves into the intricate sources of air, water, and noise pollution. It discusses cutting-edge technologies such as IoT-based systems and AI integration for pollution detection and monitoring networks. With a focus on machine learning and deep learning models, the book provides insights into assessing, predicting, and mitigating the impact of pollution. Furthermore, it examines the implementation of AI-driven strategies for pollution control and reduction, alongside considerations for urban planning and sustainable infrastructure development. This indispensable resource navigates the social, policy, and economic implications of employing AI in environmental governance, emphasizing the importance of global cooperation for effective pollution management. The book will help readers to:1. Understand the adverse effect of environmental pollution in the era of new age. 2. Implement advanced management techniques that integrate sustainability into various environmental business economics.3. Explore effective environmental control and mitigation strategies using Internet of Things technologies and data analytics.4. Leverage AI/ML/DL for accurate environmental monitoring, modelling, prediction and decision-making.5. Navigate the complexities of Industry 4.0 to achieve sustainable development goals.