Record Nr. UNINA9911009340603321 Autore Ogwu Matthew Chidozie Titolo Evaluating Environmental Processes and Technologies / / edited by Matthew Chidozie Ogwu, Sylvester Chibueze Izah Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2025 Pubbl/distr/stampa **ISBN** 3-031-85327-X Edizione [1st ed. 2025.] Descrizione fisica 1 online resource (808 pages) Collana Environmental Science and Engineering, , 1863-5539 Altri autori (Persone) Chibueze IzahSylvester 333.7 Disciplina Soggetti Environmental management **Environmental monitoring** Sustainability **Environmental Management Environmental Monitoring** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Fundamentals of Environmental Processes and Technologies --Nota di contenuto Introduction to Environmental Systems and Processes -- Principles of Sustainable Development and Environmental Management -- Integrated Approaches to Natural Resource Management -- The Role of Ecology in Environmental Technology Development -- The Science of Pollution: Sources, Pathways, and Effects. Sommario/riassunto This book fills a crucial gap in the literature by providing an in-depth exploration of sustainable environmental technologies. While individual aspects of environmental management have been addressed in isolation, this book offers a holistic view of the technologies and processes that together form the backbone of sustainable practices globally. The emphasis on real-world case studies from the Global South and the integration of technological advancements make this work timely and essential.