Record Nr. UNINA9911018762103321 Autore Behnassi Mohamed **Titolo** Food Systems and Biodiversity in the Context of Environmental and Climate Risks: Dynamics and Evolving Solutions / / edited by Mohamed Behnassi, Mirza Barjees Baig, Himangana Gupta, Rachid Sabbahi, Gitanjali Nain Gill, Mahjoub El Haiba Pubbl/distr/stampa Cham: .: Springer Nature Switzerland: .: Imprint: Springer, . 2025 **ISBN** 3-031-89167-8 Edizione [1st ed. 2025.] Descrizione fisica 1 online resource (775 pages) Biomedical and Life Sciences Series Collana Altri autori (Persone) Barjees BaigMirza GuptaHimangana SabbahiRachid Nain GillGitanjali El HaibaMahjoub Disciplina 338.19 Soggetti **Biodiversity** Agriculture Sustainability **Ecology** Climatology **Environmental Sciences** Climate Sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Food Systems and Biodiversity in the Context of Environmental and Climate Risks -- Implications of Deforestation on Carbon Sequestration Potential of Tropical Forest -- Food Security Face to Invasive Species and Climate Change in Tunisia -- Biofortification and Sustainable Intensification of Soil -- The Role of Exchange Collectives in the Agroecological Transition in Morocco -- Postface. Sommario/riassunto Part of the CERES publication series, this book explores the critical

nexus between food systems, biodiversity, and climate resilience. Through a multi-regional analysis, it examines how environmental and climate changes—driven by unsustainable agriculture, land-use shifts,

and pollution—disrupt ecosystems and threaten food security. Grounded in empirical research, particularly from Asia and Africa, it highlights biodiversity's role in sustaining food systems and presents nature-based solutions such as agroecology, land restoration, and the integration of traditional knowledge with scientific innovation. A valuable resource for policymakers, researchers, and practitioners, this volume takes a systems-based approach to managing trade-offs, fostering synergies, and driving sustainable food and climate strategies.