

1. Record Nr.	UNINA9910698642603321
Titolo	Sustainable Utilization and Conservation of Africa's Biological Resources and Environment [[electronic resource] /] / edited by Sylvester Chibueze Izah, Matthew Chidozie Ogwu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-19-6974-4
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (XV, 691 p. 1 illus.)
Collana	Sustainable Development and Biodiversity, , 2352-4758 ; ; 32
Disciplina	577
Soggetti	Ecology Biodiversity Biotic communities Population biology Agricultural ecology Community and Population Ecology Agroecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Overview of African Biological Resources and Environment -- Chapter 2. Biodiversity Conservation and Tourism Sustainability in Africa -- Chapter 3. Biodiversity Conservation Strategies and Sustainability -- Chapter 4. Potentials, threats, and sustainable conservation strategies of Plankton and Macrophytes -- Chapter 5. Threats and conservation status of cercopithecus sclateri in Akwa Ibom State, Nigeria -- Chapter 6. Potential threats and possible conservation strategies of Biodiversity in Niger Delta region of Nigeria -- Chapter 7. Exploration of Local Beliefs and Cultural Heritages as Tools for Species Conservation in Selected Sites in Africa -- Chapter 8. The need to conserve and protect forest resources -- Chapter 9. Rationale behind conservation of Africa's biological resources -- Chapter 10. The Value of Biodiversity to Sustainable Development in Africa -- Chapter 11. Medicinal potentials of Aloe vera (Aloe barbadensis Miller): Technologies for the production of Therapeutics -- Chapter 12. Sustainable utilization of important medicinal plants in Africa --

Chapter 13. Local Food Crops In Africa: Sustainable Utilization, Threats, And Traditional Storage Strategies -- Chapter 14. Environmental Pollution: Threats, Impact on Biodiversity, and Protection Strategies -- Chapter 15. Environmental Degradation in the Niger Delta Ecosystem: the role of Anthropogenic pollution -- Chapter 16. Climate Change and Other Environmental Factors as Drivers of Fauna and Flora Biodiversity in Africa -- Chapter 17. Contamination of African water resources: impacts on biodiversity and strategies for conservation and restoration -- Chapter 18. Disease Outbreaks In Ex-Situ Plant Conservation And Potential Management Strategies -- Chapter 19. Challenges of sea turtle conservation in African territorial waters: the way out -- Chapter 20. An Overview of Environmental Resources in Africa: Emerging Issues and Sustainable Exploitation -- Chapter 21. Touristic Value of African Environment: A Socio-Economic Perspective. Chapter 22. Environmental Sustainability: Relevance of Forensic Insects and other Ecosystem Services in Africa -- Chapter 23. Intrinsic Values of the African Environment: A Sustainable Perspective -- Chapter 24. Towards sustainable biological and environmental policies in Africa.

Sommario/riassunto

This edited book highlights the potential and actual contributions of the sustainable management and utilization of indigenous biological resources and environment for the development of Africa. The book centers on documenting current trends and issues in the field of resource use and conservation with the view of emphasizing their benefits to the pursuit of development within the region. By documenting the array of natural resources and environment in Africa, this book addresses the topical knowledge and understanding gaps that characterize conservation (rationale for sustainable resource exploration), utilization patterns, and conservation challenges including policy status, environmental threats, impacts of tourism, reduction in food resources, etc., and their effects on the sustainable development of Africa. Through an integrated approach, the book focuses on below and above-ground biological resources and the diverse scales of environment that characterize Africa. This collection of works is very helpful for natural and social scientists, policymakers, strategists, researchers, government and non-government organizations, biodiversity and environmental managers, climate change scientists, practitioners, activists, conservationists, academics, ecologists, undergraduate and postgraduate students, and others who want to learn about and understand the best way to use and protect Africa's resources and heritage sustainably.
