



Framework and Tools for Environmental Management in Africa

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Godwell Nhamo & Ekpe Inyang



CODESRIA

Council for the Development of Social Science Research in Africa
DAKAR

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Website: www.codesria.org

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ISBN: 978-2-86978-321-8

Layout: Hadijatou Sy

Cover Design: Ibrahima Fofana

Printed by : Imprimerie Graphi plus, Dakar, Senegal

Distributed in Africa by CODESRIA

Distributed elsewhere by the African Books Collective, Oxford, UK.

Website: www.africanbookscollective.com

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CODESRIA would like to express its gratitude to the Swedish International Development Cooperation Agency (SIDA/SAREC), the International Development Research Centre (IDRC), the Ford Foundation, the MacArthur Foundation, the Carnegie Corporation, the Norwegian Agency for Development Cooperation (NORAD), the Danish Agency for International Development (DANIDA), the French Ministry of Cooperation, the United Nations Development Programme (UNDP), the Netherlands Ministry of Foreign Affairs, the Rockefeller Foundation, FINIDA, the Canadian International Development Agency (CIDA), the Open Society Initiative for West Africa (OSIWA), TrustAfrica, UN/UNICEF, the African Capacity Building Foundation (ACBF) and the Government of Senegal for supporting its research, training and publication programmes.

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PART III: EMERGING ENVIRONMENTAL ISSUES

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Acronyms

ACCA	Association of Chartered Certified Accountants
AICC	African Institute of Corporate Citizenship
AKASA	Awareness, Knowledge, Attitude, Skills, Action
AR	Afforestation and Reforestation
BCSD	Business Council for Sustainable Development
BEE	Black Economic Empowerment
BOD	Biological Oxygen Demand
CBOs	Community Based Organisations
CDM	Clean Development Mechanism
CFC	Chlorofluorocarbons
CH ₄	Methane
CIDA	Canadian International Development Agency
CITES	Convention in International Trade in Endangered Species
CO	Carbon Monoxide
CoP	Conference of the Parties
CSR	Corporate Social Responsibility
DANIDA	Danish International Development Agency
DDT	Dichlorodiphenyltrichloroethane
DEAT	Department of Environment and Tourism
DESD	Decade of Education for Sustainable Development
DNA	Designated National Authority
DOE	Designated Operational Entity
EA	Environmental Appraisal
EA	Environmental Assessment – or – Environmental Auditing
EB	Executive Board
ECA	Economic Commission for Africa
ECR	Excellence in Corporate Reporting
EE	Environmental Education
EEASA	Environmental Education Association of Southern Africa
EIA	Ecological Impact Assessment – or – Environmental Impact Analysis – or – Environmental Impact Assessment
EMP	Environmental Management Plan

ENDA	Environment and Development Activities
EPI	Environmental Performance Index
ESI	Environmental Sustainability Index
FAO	Food and Agricultural Organisation
FTSE	Financial Times Stock Exchange
GDP	Gross Domestic Product
GEF	Global Environmental Facility
GIS	Geographic Information Systems
GRI	Global Reporting Initiative
HFCs	Hydrofluorocarbons
HIA	Health Impact Assessment
HIV-AIDS	Human Immunodeficiency Virus - Acquired Immunodeficiency Syndrome
IDSA	Institute of Directors of South Africa
IET	International Emissions Trading
IPCC	Intergovernmental Panel on Climate Change
ISR	Integrated Sustainability Reporting
IUCN	World Conservation Union
IWMI	International Water Management Institute
JI	Joint Implementation
JSE	Johannesburg Stock Exchange
MDGs	Millennium Development Goals
MEAs	Multilateral Environmental Agreements
MoMET	Ministry of Environment and Tourism
N ₂ O	Nitrogen Oxide
NEAPs	National Environmental Action Plans
NEPAD	New Economic Partnership for Africa's Development
NGO	Non-governmental Organisation
NRM	Natural Resource Management
NTFP	Non-timber Forest Products
OAU	Organisation for African Unity
ODSs	Ozone-depleting Substances
Pb	Lead
PDD	Project Design Document
PFCs	Perfluorocarbons
RISDP	Regional Indicative Strategic Development Plan
RSA	Republic of South Africa
SADC	Southern African Development Community
SAICM	Strategic Approach to International Chemicals Management
SAIEA	Southern African Institute for Environmental Assessment

SF ₆	Sulphur Hexafluoride
SIA	Social Impact Assessment
SIDA	Swedish International Development Cooperation Agency
SoER	State of Environment Reporting
SRG	Sustainability Reporting Guidelines
SRI	Socially Responsible Investment
TBL	Triple Bottom Line
ToR	Terms of Reference
UN	United Nations
UNCCD	United Nations Convention to Combat Desertification
UNCED	United Nations Conference on Environment and Development
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UNFCCC	United Nations Framework Convention on Climate Change
US	United States of America
WCED	World Commission on Environment and Development
WMO	World Meteorological Organisation
WRI	World Research Institute
WSSD	World Summit on Sustainable Development
WWF	World Wide Fund for Nature



Preface

For a long time, Africa's environmental problems have been addressed out of context. This context can be split into two: the colonial and postcolonial periods. Although both of these contexts are worthy of equal attention, it is in the postcolonial era that well calculated strategies to prolong enslavement have been used deliberately by our former masters, leading to the continent's impoverishment. In addition, many studies on the environment have concentrated on science: evidence of environmental decay, resulting in an information gap in the frameworks and tools for good environmental stewardship.

This book, therefore, does not dwell much on repeating and re-presenting the science and the uncontested facts of environmental decay in the continent. Rather, we assume and maintain that enough facts on environmental degradation have already been documented. What is lacking is the need to understand how relevant policy frameworks and tools, available both at global and continental levels, can be utilised to reverse the current and possible prolonged decay in our environment. Discussions of frameworks and tools for environmental management in Africa cannot evade the role of international multilateral environmental agreements, nor other global landmarks, such as the Earth Summit and the Millennium Development Goals.

First, the conceptual framework for environmental management in Africa is presented. Selected historical landmarks and donor and aid agency narratives are outlined. The book then sets out selected key environmental tools, such as environmental impact assessment, public participation, environmental education, corporate governance and sustainability.

This textbook has been written against the background of short supply of effective and up-to-date educational material on environmental management available to African scholars, industry, educators, government officials and NGOs. Not only are these stakeholders disempowered by the shortage of environmental management material, they are critically short of African-oriented environmental management textbooks.

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& Ekpe Inyang**

