# Mainstreaming Drought Risk Management





A primer

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Design, Layout and Printing: UNON Printshop, Nairobi United Nations Office at Nairobi (UNON) Publishing ServicesSection, ISO 14001:2004-certified/March 2011

February 2011

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### Acknowlegements

This document has been produced as a component product of the Integrated Drylands Development Programme (IDDP). The IDDP is the framework programme through which support for the implementation of the United Nations Convention to Combat Desertification (UNCCD) and other drylands related initiatives is delivered to affected programme countries. The Programme is managed by the United Nations Development Programme's (UNDP) Drylands Development Centre (DDC). The Primer seeks to serve as a supporting document for the Coping with Drought and Climate Change (CWDCC) projects, which are being implemented by UNDP with financial support from the Global Environment Facility (GEF)-administered Special Climate Change Fund (SCCF). CWDCC projects intend to pilot innovative drought adaptation strategies in targeted communities in Ethiopia, Kenya, Mozambique and Zimbabwe. The objective of the CWDCC projects is to reduce the vulnerability of dryland smallholder farmers and pastoralists to short-term climate variability and long-term climate change by developing and piloting a range of coping mechanisms, with special emphasis on preparedness and mitigation. This Primer is also expected to act as a practical tool for informing and guiding the implementation of other drought-focused initiatives being carried out at local, national and regional levels. UNDP-DDC will assist in putting into practice the key concepts and principles of the Primer through its support to IDDP programme countries as well as its regional knowledge sharing initiatives, such as the African Drought Risk and Development Network (ADDN).

This document was developed based on an extensive review of existing documentation and practices in drought risk management (DRM), climate risk management (CRM) and adaptation to climate change at different levels. The original document was produced by Joana Talafré, under the supervision of UNDP-DDC, with inputs from the regional coordination unit of the CWDCC projects. The document has benefited from insights and inputs from various constituents during the drafting, review and editing processes. It was also informed by its complementary publication, entitled "Drought Risk Reduction Framework and Practices: Contributing to the Implementation of the Hydro Framework for Action".

UNDP-DDC wishes to thank all those who have directly or indirectly contributed to the final product. We wish to extend our thanks to Friederike Knabe, Anaiz Parfait and Michael Brewin for their contribution to this product. Special thanks go to Sarah Anyoti, Eric Patrick and Yuko Kurauchi for initiating and spearheading the entire process and for their inputs to the document. In terms of its regional dimension, much gratitude goes to Pradeep Kurukulasuriya for his contributions to the CWDCC projects.

<sup>1</sup> The CWDCC project in Kenya will be implemented jointly with the World Bank as part of the broader multi-district project called the Kenya Adaptation to Climate Change in Arid Lands project.

### List of abbreviations and acronyms

ADDN African Drought Risk and Development Network

ALM Adaptation Learning Mechanism CBO Community Based Organization

CILSS Permanent Inter-state Committee for Drought Control in the Sahel

CRM Climate Risk Management
CSO Civil Society Organization

CWDCC Coping with Drought and Climate Change

DDC Drylands Development Centre

DM Disaster Management
DRM Drought Risk Management

EMC Environmental Management Committee
EPA Environmental Protection Agency

FAO Food and Agriculture Organization of the United Nations

FEWSNET Famine Early Warning Systems Network
FMNR Farmer Managed Natural Resources

GDP Gross Domestic Product
GEF Global Environment Facility

ICID International Commission on Irrigation and Drainage ICPAC IGAD Climate Prediction and Applications Centre IDDP Integrated Drylands Development Programme IGAD Intergovernmental Authority on Development

IIED International Institute for Environment and Development

IMD Indian Meteorology Department

IPCC Intergovernmental Panel on Climate Change

IRRI International Rice Research Institute
IWMI International Water Management Institute

LDC Least Developed Countries
NAP National Action Programme

NAPA National Adaptation Programmes of Action
NDMC National Drought Monitoring Center
NGO Non-governmental Organization

NIDM National Institute of Disaster Management

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