

# CONTENTS

<b>Part I</b>	<b>Introduction</b>	
	Acknowledgements	i
	Foreword	ii
	Table of Acronyms	v
Chapter 1	About These Guidelines	1-1
Chapter 2	Environmentally Sound Design	2-1
<b>Part II</b>	<b>Environmental Issues and Best Practices for Particular Sectors</b>	
	Introduction	
Chapter 1	Agriculture and Irrigation	1-1
Chapter 2	Community-Based Natural Resources Management	2-1
Chapter 3	Construction	3-1
Chapter 4	Ecotourism	4-1
Chapter 5	Energy Sources for Small-Scale Development	5-1
Chapter 6	Fisheries and Aquaculture	6-1
Chapter 7	Forestry	7-1
Chapter 8	Healthcare Waste: Generation, Handling, Treatment and Disposal	8-1
Chapter 9	Housing	9-1
Chapter 10	Humanitarian Response and Natural Disasters	10-1
Chapter 11	Livestock Production	11-1
Chapter 12	Pest Management: Integrated Pest Management	12-1
Chapter 13	Pest Management: Safer Pesticides	13-1
Chapter 14	Rural Roads	14-1
Chapter 15	Solid Waste: Generation, Handling, Treatment and Disposal	15-1
Chapter 16	Water Supply and Sanitation	16-1
<b>Part III</b>	<b>Micro and Small Enterprises (MSE) Sector Briefing</b>	
Chapter 1	Introduction	1-1
Chapter 2	Mechanisms for MSEs to Control Environmental Impact	2-1
Chapter 3	Institutionalizing Environmental Capacity	3-1
Chapter 4	Sub-Sector Specific Cleaner Production Briefings	4-1
	4.1 Brick and Tile Production	4-3
	4.2 Food Processing	4-11
	4.3 Leather Processing	4-23

	4.4 Metal Finishing	4-33
	4.5 Small-Scale Mining	4-51
	4.6 Wet Textile Operations	4-65
	4.7 Wood Processing	4-74
Chapter 5	References	5-1
Chapter 6	MSE Annexes	6-1
	Annex A Sample Environmental Screening Report	6-2
	Annex B Classifying MSEs	6-9
	Annex C Sample Loan Screening Form	6-15
	Annex D Sample Environmental Commitment Form	6-19
	Annex E Sample Terms of Reference for Consultants	6-21
 <b>Part IV</b>		
Appendix	Topic Briefing: Introduction to Environmental Assessment Index	1-1

## Acknowledgments

The first edition of the *Environmental Guidelines for Small-Scale Activities in Africa* was published in June 1996 by the Bureau for Africa's Office of Sustainable Development. Distributed widely, and reprinted many times for USAID and the Agency's implementing partners over the years, it served as a useful and basic reference for development professionals engaged in environmentally sound design and management of small-scale development activities.

This second edition of the *Guidelines* represents a collaborative effort involving over 20 compilers, editors and reviewers. The materials were drawn from the work of many highly knowledgeable, field-oriented authors and organizations. It is our hope that this combined effort now provides in one location some of the most up-to-date and useful resources currently available.

Both the original guidelines and this expanded and updated version owe their existence to the dedication and foresight of Dr. Walter Knausenberger, currently USAID's Senior Regional Environmental Officer for East and Southern Africa. For over a decade Walter championed the need for USAID, and the Africa Bureau in particular, to widely disseminate and apply the best available materials on environmentally sound design, best management practices, environmental assessment, and environmental mitigation and monitoring to USAID and the Agency's partners.

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## Foreword

Experience has shown that following environmentally sound design (ESD) principles in planning and carrying out new small-scale projects and programs helps people to avoid potentially costly mistakes and often makes development activities more sustainable over the long run.

Since the first edition of USAID's *Environmental Guidelines for Small-Scale Activities in Africa* appeared in June 1996, the literature on environmental impacts associated with small-scale development activities, ESD, and "best management practices" for mitigating potential impacts has grown dramatically.

This updated and expanded version of the *Guidelines* is intended to capture this past decade of experience. Each sector module draws on literature and materials developed and applied by a number of leading *field-based* practitioners and institutions.

However, like the first edition, this edition of the *Guidelines* cannot provide a comprehensive treatment of best management practices in each sector. Rather, it focuses on key issues, impacts and mitigation measures and guides users to more detailed sources.

To this end, this version of the *Guidelines* includes annotated bibliographies of the most useful source materials. In each case, we have emphasized materials available via the Internet. The online version of the *Guidelines* at [www.encapafrika.org](http://www.encapafrika.org) contains HTML links to these sources, while the CD-ROM version of the Web site contains both the *Guidelines* and much of this source material. We therefore hope that development practitioners will be able to quickly find and consult extensive practical sources on specific sectors.

Because ESD for small-scale activities requires the people responsible to understand ESD principles and integrate them into project design and implementation, it cannot and should not be the exclusive concern of environmental professionals. We have therefore worked to keep the language of the *Guidelines* as straightforward and as free of technical jargon as possible.

The development of the *Guidelines* was funded by USAID to meet the needs of its staff and its partner organizations. However, they are broadly applicable to other donors, community-based and non-governmental organizations, local governments, and others engaged in small-scale activities.

We encourage suggestions and comments. We hope users will point us to materials we may have overlooked and to new materials that advance the state of the art in this critical area. Note that the online version of the guidelines at [www.encapafrika.org](http://www.encapafrika.org) will always contain the most recent versions of all materials and bibliographies.

Finally, we encourage broad dissemination of these materials, including photocopying and electronic distribution. However, we do request that all such excerpted or copied materials be properly attributed.

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