Go outside!

The environment is everywhere — all we have to do to learn about it is to go outside and look around us! Watch living things to learn about where they live, how they grow, what they eat, and how they breed. What resources do they use? How do they interact with other living things? How do they respond to each other, to you, and to their environment? How are people using the natural resources that surround them, and benefitting from them? Learn to love, watch and respect our natural neighbours and all they do for us!

Environmental Code Of Practice

ECO-Practice

Each time we visit a natural place or another person's property, we must take care that our visit causes no harm to our natural or human hosts, or to ourselves.

We should therefore follow this Environmental Code of Practice (ECO-Practice) wherever we go and whatever we do outside.

Mazoezi ya kimazingira

Be Safe: Take care that you and your

companions don't get lost or injured!

Respect wildlife: Never damage, disturb or kill any

wild animals or plants!

Respect people: Be considerate to the other people

who use the environment!

Respect Leave other people's property as

property: you find it!

Leave it clean Take litter home, be fire-aware, and

and healthy: keep water clean!

Take nothing but memories * Leave nothing but footprints * Kill nothing but time

The official Kiswahili translation of this book was provided by the State University of Zanzibar and edited by Dr Narriman Jiddawi, Institute of Marine Sciences, University of Dar es Salaam.

This book is available online in English and Kiswahili, and can be downloaded free of charge at www.chumbeisland.com and nellhamilton.com, or email nell.chumbe@gmail.com.

© 2011 Nell Hamilton / CHICOP. This publication may be reproduced entirely or partly, in any form whatsoever, for educational and non-profit making uses, without prior authorisation, provided the source is mentioned. CHICOP would nevertheless wish that a copy of the work where the reproduced extract is used is sent to them. The present publication may neither be sold nor utilised for commercial purposes. It is forbidden to use any information from this publication for advertisement purposes. Cover images © Nell Hamilton, Jokha Abdallah, Anne Tarvainen, Anita Walther, Kyla Graham.

Printed by Rainbow Printers, Dar es Salaam.

Acknowledgements

This book is published by Chumbe Island Coral Parkin partnership with JAMABECO, supported by the Regional Programme for the Sustainable Management of the Coastal Zones of the Countries of the Indian Ocean (ReCoMap), a programme of the Indian Ocean Commission funded by the European Union.

The authors would like to thank:

- The Ministry of education and Vocational Training for guidance and curriculum advice.
- Lina Mtwana Nordlund, Chumbe Island coral Park for extensive and valuable input throughout the project.
- Reviewers Dr Sadrick, Institute of Marine Sciences, University of Dar es Salaam, Salum Hamed, WIOMSA, Khamis Khalfan, Chumbe Island Coral Park, and members of JAMABECO for very helpful feedback on drafts.
- Participants of the participatory planning team who developed the design and concept for this book: Salum Hamed, WIOMSA, Said Al-abry, NTRC, Zahor Kassim, Dept of Fisheries, Iddi Hussein, SUZA, Ali Usi Basha, Dept of Forestry and Jane Goodall Roots and Shoots Foundation, Juma Khamis, MECA, Haji Hassan and Mahfoudh Hassan, JAMABECO, and Moza Abdulah, Green Pact.
- Translator Kassim Dadi, State University of Zanzibar.
- Baraka Kalanghe and Scola of ReCoMaP for invaluable support and guidance.
- Project Managers and all our colleagues at Chumbe Island Coral Park and volunteer peer educators for fantastic support in so many ways throughout the project.

This book is dedicated to all young people who care about the environment, in loving memory of Lara Muller, who loved the sea.

Environmental Sustainability in Zanzibar

Mazingira Endelevu kwa Zanzibar

Editor:	Nell Hamilton

Authors: Nell Hamilton, Jokha Omar, Narriman Jiddawi, Anita Walther, Sophia

Masuka, Elizabeth Godfrey and David Tanner

Contents

1 Environment & sustainability – Mazingira na uendelevu	2
2 Biodiversity – Bioanuwai	6
3 Mangroves - Mikoko	10
4 Seagrass – Nyasi bahari	14
5 Coral reefs – Miamba ya matumbawe	18
6 Fisheries – Uvuvi	22
7 Pollution – Uchafuzi wa mazingira	26
8 Climate change – Mabadiliko ya hali ya hewa	30
Glossary – Istilahi	34
English-Kiswa<mark>hili dictionary –</mark> K amusi ya <mark>K</mark> iingereza-Kiswahili	
Take action – Chukua hatua	37