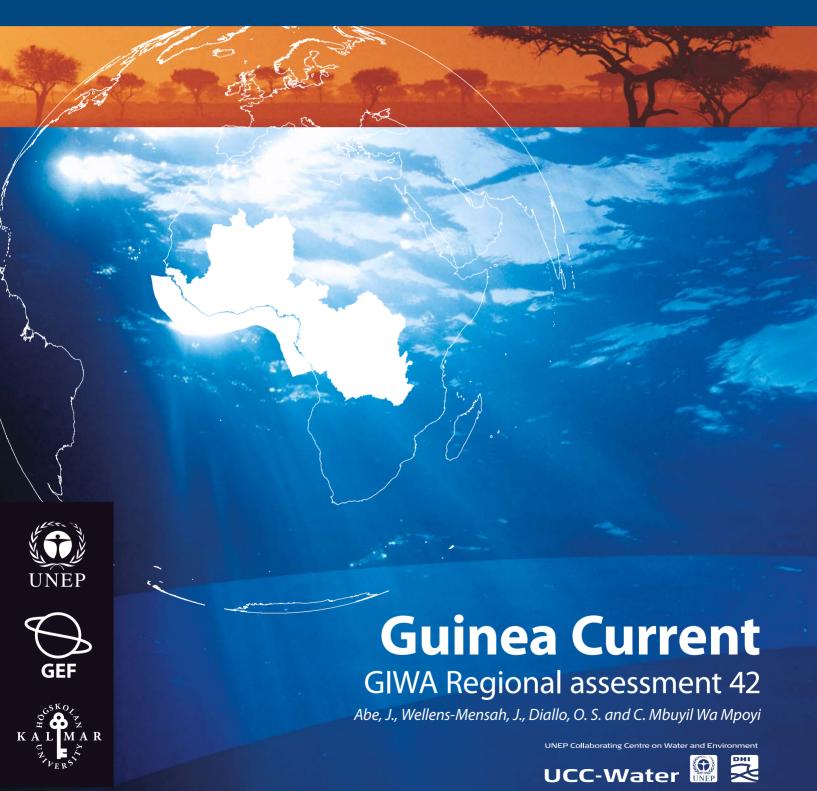


Global International Waters Assessment



Global International Waters Assessment

Regional assessments

Global International Waters Assessment

Regional assessment 42 Guinea Current







UNEP Collaborating Centre on Water and Environment







GIWA report production

Series editor: Ulla Li Zweifel Report editor: Ulla Li Zweifel Editorial assistance: Johanna Egerup, Malin Karlsson and Monique Stolte Maps & GIS: Niklas Holmgren Design & graphics: Joakim Palmqvist

Global International Waters Assessment Guinea Current, GIWA Regional assessment 42

Published by the University of Kalmar on behalf of United Nations Environment Programme

© 2004 United Nations Environment Programme

ISSN 1651-940X

University of Kalmar SE-391 82 Kalmar Sweden

United Nations Environment Programme PO Box 30552, Nairobi, Kenya

This publication may be reproduced in whole or in part and in any form for educational or non-profit purposes without special permission from the copyright holder, provided acknowledgement of the source is made. No use of this publication may be made for resale or for any other commercial purpose whatsoever without prior permission in writing from the United Nations Environment Programme.

CITATIONS

When citing this report, please use:

UNEP, 2004. Abe, J., Wellens-Mensah, J., Diallo, O.S. and C. Mbuyil Wa Mpoyi. Guinea Current, GIWA Regional assessment 42. University of Kalmar, Kalmar, Sweden.

DISCLAIMER

The views expressed in this publication are those of the authors and do not necessarily reflect those of UNEP. The designations employed and the presentations do not imply the expressions of any opinion whatsoever on the part of UNEP or cooperating agencies concerning the legal status of any country, territory, city or areas or its authority, or concerning the delimitation of its frontiers or boundaries.

This publication has been peer-reviewed and the information herein is believed to be reliable, but the publisher does not warrant its completeness or accuracy.

Contents

Preface	9
Executive summary	11
Abbreviations and acronyms	15
Regional definition	19
Boundaries of the Guinea Current region	19
Physical characteristics	22
Socio-economic characteristics	37
Assessment	55
Comoe Basin	
Freshwater shortage	56
Pollution	57
Habitat and community modification	59
Unsustainable exploitation of fish and other living resources	60
Volta Basin	
Freshwater shortage	61
Pollution	63
Habitat and community modification	64
Unsustainable exploitation of fish and other living resources	65
Niger Basin	
Freshwater shortage	66
Pollution	68
Habitat and community modification	69
Unsustainable exploitation of fish and other living resources	70
Congo Basin	
Freshwater shortage	72
Pollution	73
Habitat and community modification	73
Unsustainable exploitation of fish and other living resources	74
Guinea Current LME	
Pollution	75
Habitat and community modification	78
Unsustainable exploitation of fish and other living resources	80

Global change	83
Synthesis of the Guinea Current region	84
Priority concerns for further analysis	85
Causal chain analysis	88
Modification of stream flow: Case of the Volta Basin	88
Modification and loss of ecosystem: Case of the Niger Basin	93
Eutrophication: Case of the Comoe Basin	97
Chemical pollution: Case of the Guinea Current LME	99
Overexploitation of fish: Case of the Guinea Current LME	103
Policy options	106
Modification of stream flow: Case of the Volta Basin	106
Modification and loss of ecosystems: Case of the Niger Basin	109
Eutrophication: Case of the Comoe Basin	113
Chemical pollution: Case of the Guinea Current LME	115
Overexploitation of fish: Case of the Guinea Current LME	118
Conclusions and recommendations	120
References	127
Annexes	132
Annex I How to quantify the international character of a hydrographic basin	132
Annex III GDP and other economic indicators in the countries of the Guinea Current region	145
Annex IV HDI and other socio-economic indicators in the countries of the Guinea Current region	146
Annex V Statistics related to water access and water use in the countries of the Guinea Current region	147
Annex VI Status of international conventions regarding waters in the Guinea Current region	149
The Global International Waters Assessment	i
The GIWA methodology	vii

预览已结束, 完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5_11813

