



UNITED NATIONS  
UNIVERSITY  
**UNU-IAS**  
Institute of Advanced Studies

**Christian Prip and Tony Gross**  
with Sam Johnston  
and Marjo Vierros



# **Biodiversity Planning: an assessment of national biodiversity strategies and action plans**

## **Reference Details**

Prip, C; Gross, T; Johnston, S; Vierros, M (2010). *Biodiversity Planning: an assessment of national biodiversity strategies and action plans*. United Nations University Institute of Advanced Studies, Yokohama, Japan.  
ISBN: 978-92-808-4514-3 (print)  
ISBN: 978-92-808-4515-0 (electronic)  
Copyright © 2010 United Nations University. All rights reserved

## **Further Information**

For an electronic version of this publication, or for further information about the United Nations University Institute of Advanced Studies, contact:

United Nations University Institute of Advanced Studies  
6F, International Organizations Center  
Pacifico-Yokohama, 1-1-1 Minato Mirai  
Nishi-ku, Yokohama, 220-8502 Japan  
Tel: +81-45-221-2300, Fax: +81-45-221-2302  
Email: [unuias@ias.unu.edu](mailto:unuias@ias.unu.edu)  
URL <http://www.ias.unu.edu/>



## **Design**

Cover photo: MsLightBox, iStockphoto, Rainforest tree logging  
Back cover photo: MsLightBox, iStockphoto, Remote village and coconut trees  
Design and layout: Uniprint NT, Charles Darwin University  
This publication is printed on recycled paper using soy-based ink

## **Disclaimer**

The material in this publication includes views and recommendations of individuals and organisations and do not necessarily reflect the views of the United Nations University or indicate its commitment to a particular course of action.



UNITED NATIONS  
UNIVERSITY

**UNU-IAS**

Institute of Advanced Studies

# **Biodiversity Planning: an assessment of national biodiversity strategies and action plans**

**Christian Prip and Tony Gross  
with Sam Johnston  
and Marjo Vierros**

# Table of Contents

<b>List of Boxes .....</b>	<b>v</b>
<b>Foreword .....</b>	<b>vii</b>
<b>Executive summary .....</b>	<b>1</b>
<b>Introduction.....</b>	<b>6</b>
<b>Part 1 – Background to NBSAPs and this assessment .....</b>	<b>10</b>
1.1    Background.....	10
1.2    Scope and method.....	12
1.3    Earlier assessments and literature related to NBSAPs .....	13
1.4    NBSAP guidance .....	17
1.5    Regional and sub-regional capacity-building workshops on NBSAPs and mainstreaming of biodiversity .....	22
<b>Part 2 – Analysis of NBSAPs .....</b>	<b>24</b>
2.1    Implementation of NBSAPs.....	24
2.2    Review of the preparation and content of NBSAPs.....	30
2.3    NBSAPs in developed and developing countries.....	32
2.4    NBSAPs in the various regions .....	33
2.5    Engagement of stakeholders in NBSAP preparation.....	34
2.6    National coordination structures.....	37
2.7    Political level of NBSAP adoption .....	37
2.8    Revision .....	38
2.9    Biodiversity planning through means other than stand-alone NBSAPs.....	40
2.10    Knowledge about status and trends of biodiversity as the basis for NBSAPs .....	42
2.11    Coverage of the three objectives of the CBD .....	44
2.12    Mainstreaming the NBSAP within other sectoral plans and policies.....	51
2.13    Impact assessment.....	57
2.14    Use of economic instruments .....	60
2.15    The ecosystem approach .....	64
2.16    The Millennium Ecosystem Assessment and its conceptual framework .....	66
2.17    Mainstreaming within production sectors.....	68
2.18    Synergies with the implementation of the other two Rio conventions .....	75
2.19    Synergies with the implementation of the other biodiversity-related conventions .....	77

2.20 Sub-national and local biodiversity strategies and action plans .....	79
2.21 Gender mainstreaming .....	83
2.22 Consideration of indigenous and local communities and traditional knowledge.....	84
2.23 Communication, education and public awareness.....	86
2.24 Prioritisation within NBSAPs .....	86
2.25 Quantitative and time-bound targets.....	87
2.26 Regional and sub-regional cooperation.....	88
2.27 Finance mobilisation and capacity-building .....	90
2.28 CBD decisions, programmes of work and guidelines as references for NBSAPs.....	94
<b>Part 3 – Conclusions and recommendations.....</b>	<b>96</b>
3.1 Concluding remarks.....	96
3.2 Recommendations .....	98
<b>Part 4 – Case studies.....</b>	<b>106</b>
4.1 Introduction.....	106
4.2 Australia .....	107
4.3 Benin .....	121
4.4 Cameroon.....	129
4.5 Canada.....	139
4.6 Malaysia.....	153
4.7 Mexico .....	166
4.8 Nepal .....	172
4.9 St Kitts and Nevis .....	185
4.10 St Lucia .....	199
<b>Glossary.....</b>	<b>216</b>
<b>Acknowledgements.....</b>	<b>221</b>
<b>Annex 1.....</b>	<b>224</b>
COP guidance to Parties on NBSAPs.....	224
<b>Annex 2.....</b>	<b>228</b>
Status of national biodiversity strategies and action plans or equivalent instruments (NBSAPs) at 31 July 2010 .....	228
<b>References.....</b>	<b>233</b>

Para tener acceso completo a este libro usted debe solicitarlo de manera formal a la Coordinación del Programa de Doctorado Interinstitucional en Ciencias Ambientales mediante el **Formato de Préstamo Bibliográfico** ([descargar formato](#)) y remitirlo al siguiente correo:  
**dicambientales@unicauca.edu.co**

