



*Empowered lives.
Resilient nations.*

United Nations Development Programme

304 East 45th Street, 9th Floor
New York, NY 10017 USA
www.undp.org

For more information: www.undp.org/gef

Copyright 2014, UNDP



*Empowered lives.
Resilient nations.*

ISLAND INNOVATIONS

UNDP and GEF: Leveraging the Environment
for the Sustainable Development of
Small Island Developing States



The views expressed in this publication do not necessarily represent those of the United Nations Development Programme, its Executive Board, the United Nations Member States or the GEF. This is an independent publication by the UNDP Environment & Energy Group.

The boundaries and names shown and the designations used on maps in this document do not imply official endorsement or acceptance by the United Nations.

All rights reserved. This publication or parts of it may not be reproduced, stored by means of any system or transmitted, in any form or by any medium, whether electronic, mechanical, photocopied, recorded or of any other type, without the prior permission of the United Nations Development Programme.

Author: Penny Stock

Editors: Jessie Mee and Johan Robinson

Copy editor: Lance W. Garmer

Designer: Camilo J. Salomon @ www.cjsalomon.com, USA

Printer: GSB Digital

Acknowledgements: We would like to thank the many project teams and partners who have contributed to the projects profiled in this publication and to the publication itself. Special thanks to Nik Sekhran, Officer in Charge – UNDP Environment & Energy Group, for his inspiring vision and commitment, and to Derek Pieper, SIDS Programme Officer – UNDP, for supplying text for the Introduction.

Stock, P. (2014). *Island Innovations – UNDP and GEF: Leveraging the Environment for the Sustainable Development of Small Island Developing States*. UNDP.

Cover photo: A woman collects sea urchins at low tide in Comoros. Credit Zafer Kizilkaya.

Copyright © UNDP 2014

Contents

Foreword	2
-----------------	----------

Introduction	4
---------------------	----------

Pacific SIDS	14
---------------------	-----------

Go Local! In Micronesia – Promoting Multi-Benefits of Local Foods	16
---	----

Building the Resilience of Remote Pacific SIDS – Coping with Climate Change in Cook Islands	18
---	----

Managing the Impacts of Climate Change on Agriculture, Forestry and Health in Samoa	20
---	----

The Ni-Vanuatu Way – Land Management for Sustainable Development	22
--	----

Pacific Island Countries Lead the Way in Renewable Energy Technologies	24
--	----

Managing for Resilience in Pacific Communities – The Challenge of Climate Change	26
--	----

Managing Oceanic Fisheries in the West and Central Pacific Ocean	28
--	----

Africa, Indian Ocean and South China Sea (AIMS) SIDS	30
---	-----------

Mauritius Puts Energy Sector on a Green, Low-carbon Path	32
--	----

Safe Disposal and Management of Persistent Organic Pollutants in Mauritius	34
--	----

Atoll Ecosystem Conservation in the Maldives	36
--	----

Building a Sustainable 'Blue Economy' in the Seychelles	38
---	----

Working Towards Resilient Development in African SIDS	40
---	----

Developing an Ecosystem Approach to Managing African Marine Resources	42
---	----

Caribbean SIDS	44
-----------------------	-----------

Engaging Local Communities in Stewardship of the Belize Barrier Reef Reserve System	46
---	----

Supporting Community-based Adaptation to Climate Change in Jamaica	48
--	----

Safeguarding the Shared Living Resources of the Caribbean Large Marine Ecosystem	50
--	----

From Ridge to Reef – Integrating Watershed and Coastal Area Management in the Caribbean SIDS	52
--	----

Acronyms & Abbreviations	54
-------------------------------------	-----------

Foreword



HELEN CLARK



NAOKO ISHII

Small Island Developing States (SIDS) face extraordinary and unique sustainable development challenges as a result of their small size, remoteness, narrow resource and export base, and high dependency on imported fossil fuel. At the same time, SIDS are extraordinarily dependent on healthy ecosystems and a stable climate. Nature-based activities account for a large share of economic activity and job opportunities in SIDS.

Negative impacts from climate change, unsustainable use of natural resources, invasive species, pollution and other factors significantly exacerbate the sustainable development challenges facing SIDS. Indeed, for some SIDS, they pose an existential threat.

This publication, 'Island Innovations – UNDP and GEF: Leveraging the Environment for the Sustainable Development of SIDS', demonstrates that far from succumbing to these challenges, SIDS have time and again risen to the task of managing their fragile environments to meet their sustainable development goals. The examples included in this publication show that SIDS are confronting the challenges of sustainability and resilience head-on through a broad range of actions, including conservation and sustainable use of critical marine and coastal resources, climate change mitigation, adaptation efforts and more.

SIDS are pioneering integrated and inclusive approaches to sustainable development through comprehensive ridge-to-reef approaches that address the 'whole island' issues of conserving land, water and ocean resources while adapting to climate change, enhancing local capacity and generating economic growth.

The approaches and achievements emerging from SIDS provide important lessons that we can learn from as the world discusses a set of new sustainable development goals for the post-2015 period. The innovative and impactful projects that are included in this booklet show that their experiences are highly relevant for evaluating the effectiveness and efficacy of development innovations in the environment sector.



The Global Environment Facility (GEF) and the United Nations Development Programme (UNDP), together with our other partners, are proud to have been working with SIDS during the past two decades in line with the Barbados Programme of Action (BPOA) and the Mauritius Strategy (BPOA +10).

Going forward, as the international community identifies the priorities and Sustainable Development Goals for the post-2015 development agenda as well as a new climate change regime for the post-2020 period, we commit to further support SIDS in responding to the challenge of sustainable development by intensifying actions for the effective maintenance and protection of natural capital.

We will work as supporting partners to SIDS to expand and strengthen protected areas, integrate biodiversity and ecosystem management into key economic sectors and support ecosystem-based adaptation to and mitigation of climate change. We will promote access to sustainable energy and improved energy efficiency and help ensure effective risk management. This work will be reinforced by efforts to promote inclusive economic growth, effective governance and women's empowerment.

An integral part of these efforts is to strengthen the human resources of SIDS and build genuine and durable partnerships at the local, national and international levels, through greater South-South co-operation, more effective co-ordination and engagement with new partners on shared priorities.

On the occasion of the Third International Conference on Small Island Developing States, our message is clear: We stand ready to continue to support SIDS and their people to manage their unique environments for sustainable human development.

Helen Clark
Administrator, United Nations
Development Programme

Naoko Ishii
Chief Executive Officer and Chairperson
of the Global Environment Facility

Introduction





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_12012

