

WORLD RESOURCES 2005

WORLD RESOURCES REPORT

Gregory Mock, Editor-in-Chief
Peter Whitten, Managing Editor
Emily Cooper, Research Assistant
Carolina de Rosas, Review Coordinator
Dennis Gadel, Intern

Daniel Tunstall, Director, Global Information Program
Norbert Henninger, Deputy Director, Global Information Program
Antonio LaViña, Senior Fellow
Hyacinth Billings, Publications Director
Lori Han, Production Advisor

DATA, MAPS, AND GRAPHICS

Amy Cassara, Senior Associate
Daniel Prager, Research Analyst
Janet Nackoney, GIS Lab Manager
Robert Soden, Research Assistant
Rajiv Sharma, Intern
Brianna Peterson, Intern

CONTRIBUTING WRITERS

Emily Cooper
Polly Ghazi
Karen Holmes
Karin Krchnak
Yumiko Kura
Antonio LaViña
Daniel Prager
Paul Steele
Wendy Vanasselt
John Virdin

WORLD RESOURCES 2005 EDITORIAL BOARD

Robert SanGeorge
David Jhirad
Allen Hammond
Philip Angell

PRINCIPAL PARTNERS

United Nations Development Programme

Olav Kjorven
Charles McNeill

United Nations Environment Programme

Marion Cheatle
Jacquie Chenje
Mirjam Schomaker (consultant)

World Bank

James Warren Evans
Kirk Hamilton

World Resources Institute

David Jhirad
Robert SanGeorge

ADJUNCT PARTNER

UNEP/GRID-Arendal

Steinar Sørensen
Otto Simonett
Christian Nellemann
Philippe Rekacewicz
Marianne Fernagut
Luana Karvel
Morten Wasstøl

ADVISORS

Jon Anderson, United States Agency for International Development
Anna Ballance, United Kingdom Department for International Development
Jill Blockhus, World Bank
Jan Bojö, World Bank
Owen Cylke, World Wildlife Fund
Peter Hazelwood, United Nations Development Programme
Timothy Kasten, United Nations Environment Programme
Ashok Khosla, Development Alternatives
Onesmus Mugenyi, Advocates Coalition for Development and Environment
Urvashi Narain, Resources for the Future
Frances Seymour, World Resources Institute
Priya Shyamsundar, World Bank
David Smith, United Nations Environment Programme
Paul Steele, United Kingdom Department for International Development

PUBLICATION DESIGN

Alston Taggart, Barbieri and Green



UNITED NATIONS DEVELOPMENT PROGRAMME

The United Nations Development Programme (UNDP) is the UN's global development network, an organization advocating for change and connecting countries to knowledge, experience, and resources to help people build a better life. UNDP is on the ground in 166 countries, working with them on their own solutions to global and national development challenges. As they develop local capacity, they draw on the people of UNDP and its wide range of partners.

World leaders have pledged to achieve the Millennium Development Goals, including the overarching goal of cutting poverty in half by 2015 and doing so with full commitment to environmental sustainability. UNDP's network links and coordinates global and national efforts to reach these Goals.

UNDP's focus is helping countries build and share solutions to the challenges of Democratic Governance, Poverty Reduction, Crisis Prevention and Recovery, Energy and Environment, and HIV/AIDS.

UNDP helps developing countries attract and use aid effectively. In all its activities, UNDP encourages the protection of human rights and the empowerment of women.

Visit the UNDP website at <http://www.undp.org>

UNITED NATIONS ENVIRONMENT PROGRAMME

The United Nations Environment Programme (UNEP) was established in 1972 as the environmental conscience of the United Nations. UNEP has created a basis for comprehensive, coordinated action within the UN on problems of the environment. UNEP's mission is to provide leadership and encourage partnerships in caring for the environment by inspiring, informing, and enabling nations and people to improve their quality of life without compromising that of future generations.

One of the most important functions of UNEP is the promotion of environmental science and information. UNEP has always recognized that the environment is a system of interacting relationships that extends through all sectors. It places, among other things, emphasis on environment for development. UNEP nurtures partnerships with other UN bodies possessing complementary skills and delivery capabilities and enhances the participation of the private sector, scientific community, NGOs, youth, women, and sports organizations in achieving sustainable development.

UNEP derives its strength and influence from the authority inherent in its mission—environmental management. UNEP has and will continue to play a pivotal role in caring for the environment for the future.

Visit the UNEP website at <http://www.unep.org>

WORLD BANK GROUP

Founded in 1944, the World Bank Group consists of five closely associated institutions: the International Bank for Reconstruction and Development (IBRD); International Development Association (IDA); International Finance Corporation (IFC); Multilateral Investment Guarantee Agency (MIGA); and the International Centre for Settlement of Investment Disputes (ICSID).

The World Bank is the world's largest source of development assistance, providing nearly \$30 billion in loans annually to its client countries. The Bank uses its financial resources, its highly trained staff, and its extensive knowledge base to individually help each developing country onto a path of stable, sustainable, and equitable growth. The main focus is on helping the poorest people and the poorest countries, but for all its clients the Bank emphasizes the need for:

- Investing in people, particularly through basic health and education
- Protecting the environment
- Supporting and encouraging private business development
- Strengthening the ability of the governments to deliver quality services, efficiently and transparently
- Promoting reforms to create a stable macroeconomic environment, conducive to investment and long-term planning
- Focusing on social development, inclusion, governance, and institution building as key elements of poverty reduction.

Visit the World Bank website at <http://www.worldbank.org>

WORLD RESOURCES INSTITUTE

The World Resources Institute goes beyond research to create practical ways to protect the Earth and improve people's lives. Its mission is to move human society to live in ways that protect Earth's environment and its capacity to provide for the needs and aspirations of current and future generations.

For more than 20 years, WRI has demonstrated its commitment to helping find solutions to these enormous global environmental challenges. WRI's work is concentrated on making progress toward four goals:

- Healthy Ecosystems: Reverse rapid degradation of ecosystems and assure their capacity to provide humans with needed goods and services.
- Stable Climate: Protect the global climate system from further harm due to emissions of greenhouse gases and help humanity and the natural world adapt to unavoidable climate change.
- Sustainable Enterprise: Harness markets and enterprise to expand economic opportunity and protect the environment.
- Access to Environmental Information and Decisions: Guarantee public access to information and decisions regarding natural resources and the environment.

WRI is online at <http://www.wri.org> and <http://earthtrends.wri.org>



WORLD
RESOURCES
2005





WORLD RESOURCES 2005

The Wealth of the Poor

Managing Ecosystems to Fight Poverty

United Nations Development Programme

United Nations Environment Programme

World Bank

World Resources Institute

WORLD RESOURCES INSTITUTE

WASHINGTON, DC

The World Resources Institute wishes to acknowledge three organizations whose support has been indispensable in bringing *World Resources 2005* to publication:



**Netherlands Ministry of
Foreign Affairs**



**Swedish International
Development Cooperation
Agency**



**United States Agency for
International Development
Agency**

World Resources 2005: The Wealth of the Poor—Managing Ecosystems to Fight Poverty

Cite as: World Resources Institute (WRI) in collaboration with United Nations Development Programme, United Nations Environment Programme, and World Bank. 2005. *World Resources 2005: The Wealth of the Poor—Managing Ecosystems to Fight Poverty*. Washington, DC: WRI.

Published by
World Resources Institute
10 G Street, NE
Suite 800
Washington, DC 20002

© 2005 World Resources Institute

The **World Resources Series** is produced collaboratively by four organizations: the United Nations Development Programme, the United Nations Environment Programme, the World Bank, and the World Resources Institute. The views expressed in this volume are those of the contributors and do not necessarily reflect the judgments of the organizations' boards of directors or member governments.

The full report is available online at www.wri.org. Materials may be reproduced with the written permission of the World Resources Institute.

ISBN 1-56973-582-4