

NEW BIODIVERSITY PUBLICATIONS

THE WORLD RESOURCES INSTITUTE has released several new publications on biodiversity:

National Biodiversity Planning: Guidelines Based on Early Experiences Around the World by Kenton R. Miller and Steven M. Landou is a practical handbook that offers background information, case-study examples and analysis, and step-by-step guidelines for planning and implementing national biodiversity strategies and action plans. Intended for use by government, communities, business and industry, and nongovernmental organizations, it presents an illustrative biodiversity planning process based on the real world experiences of 17 regions—Australia, Canada, Chile, China, Costa Rica, Egypt, Germany, Indonesia, Kenya, Mexico, Holland, Norway, the Philippines, Poland, the South Pacific, United Kingdom, and Vietnam—that are already developing national strategies, plans, and programs. The book (ISBN 1-56973-025-3) is 200 pages long, costs \$19.95, and is published in collaboration with IUCN and the United Nations Environment Programme.

Kenton Miller has also authored *Balancing the Scales: Guidelines for Increasing Biodiversity's Chances Through Bioregional Management* through the World Resources Institute. This work addresses the worldwide effort to protect biodiversity by setting aside discrete areas for conservation and the problems that accompany this strategy due to the demands of growing human populations in need of more land and resources. As a result, scientists, resource managers, and community leaders are calling for shifting the scale of wildland management programs from national parks and reserves to entire ecosystems. This book makes the case for protecting biodiversity wherever it is found: in farmlands, utilized forests, fisheries, and not just within the boundaries of protected areas. Drawing on case stud-

ies from Yellowstone, the Serengeti, the Great Barrier Reef, the Costa Rican La Amistad Biosphere Reserve, and other sites, the author explains the challenges and opportunities of *bioregional* management. Aiming at policy makers and practitioners, he brings light to the core elements of successful projects: building capacity to manage larger, more complex areas; forging negotiated agreements with resource users and other stakeholders in the bioregion; and developing cooperation and support for bioregional programs among area institutions. The book (ISBN 0-915825-85-6) costs \$14.95 and is 150 pages in length.

Biodiversity Indicators for Policymakers is a paper that provides a framework for assessing biodiversity conditions and trends at local, regional, national, and global levels. Written by W.V. Reid, J.A. McNeely, D.B. Tunstall, D.A. Bryant, and M. Winograd, it presents 22 indicators that can guide conservation decision making by helping planners to set priorities, influencing new policies, and providing information to determine whether policy goals have been achieved. Organized into three categories, the indicators measure: wild species and genetic diversity; diversity at the community-habitat level; and diversity of domesticated species (crops and livestock). The paper (ISBN 0-56973-000-8) is 42 pages long and costs \$12.95.

Finally, *Biodiversity Prospecting: Guidelines for Using Genetic Biochemical Resource Sustainably and Equitably* argues that biodiversity prospecting ventures (as in the case of Yellowstone hot water organ-

isms reported on last issue) will not succeed if they do not promote sustainable development. The authors focus on three institutional elements that will ultimately

The World Resources Institute is an independent research and policy institute founded in 1982 to help governments, environmental and development organizations, and private business address a fundamental question: how can societies meet basic human needs and nurture economic growth without undermining the natural resource base and environmental integrity?

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determine the course of this new industry: organizations, contracts, and national legislation. With detailed chapters on designing institutions to facilitate biodiversity prospecting; biodiversity prospecting contracts; intellectual property rights; research management policies; and science and technology guidelines, this report provides the most comprehensive and strategic analysis to date of what may be a significant growth industry in the 21st century. Available from the World Resources Institute for \$29.95, the book (ISBN 0-915825-89-9) is 340 pages in length.

