

ACTIONS YOU CAN TAKE TO IMPLEMENT THE BIOSPHERE RESERVE CONCEPT:
SOME SUGGESTIONS

Recognition

Recognize it on the entrance sign(s)
Recognize it on the letterhead
Display the designation certificate
Display the bronze plaque
Cite it as a keyword for journal articles
Name your research station for the biosphere reserve
Hold a dedication ceremony

Science

Establish sites for long-term monitoring
"Pair" with another biosphere reserve domestically or internationally
Establish a biosphere reserve research station
Prepare a comprehensive history of scientific activities, including
a machine-readable bibliography
Encourage interdisciplinary collaboration (especially involving
the natural and social sciences)
Establish cooperative agreements with regional universities
to encourage scientific use
Participate in national and international monitoring networks
(e.g., National Atmospheric Deposition Program, UNEP's Global
Environmental Monitoring System, MAB's Northern Science Network).
Adopt standard protocols for monitoring (to ensure consistency,
accuracy, and comparability of data)
Submit a long-term ecological research proposal to the National
Science Foundation
Develop a BR library, photo archive, and strategic collections
program
Encourage studies on genetic resource conservation
Facilitate research through logistical support and cooperative
attitude

Public Education

Publish on your biosphere reserve "model" in popular and professional publications (MAB could establish a BR journal)

Require scientists and resource managers to publish popular articles on BR projects

Establish a multi-institutional regional interpretative center

Interpret the role of protected areas in addressing regional and global environmental issues

Interpret relationships between people and environment

Interpret MAB program and multiple roles of BR

Display MAB's "Ecology in Action" exhibit

Display/adapt biological diversity exhibit

Offer BR slide-tape show to public

Distribute BR brochure

Training

Incorporate BR into agency training program

Show BR video to BR staff and local people

Hold regional/international workshop on a key ecosystem management issue

Encourage use of BR for student training

Demonstrate land management methods to local/regional landowners

Implement a BR orientation program for local people

Natural Resource Management

Develop cooperative programs/projects for managing selected communities/species

Develop a regional geographic information system

Establish the core area(s) and the area(s) of cooperation

Involve local people in setting objectives and planning

Program and Operations

Hire local people

Establish special performance standards for BR scientists, resource management specialists, interpreters, and administrators

Identify BR activities in your programs

Adopt consistent "generic" objectives for BR areas

Prepare a BR plan or incorporate BR into normal planning procedure

Allocate funds for MAB activities in BR budget

Establish a line-item for BR activities in agency programs

Cooperation

Support staff involvement in collaboration with overseas BR colleagues for short-term and long-term projects

Establish a regional research/resource management cooperative

Establish a BR coordination group with neighboring landowners

Establish a BR coordination group with native peoples

Reconvene BR administrators and specialists on a regular basis

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