

Contents

	Page
INTRODUCTION	31
IMPORTANCE OF TROPICAL FOREST RESOURCES	31
STATUS OF TROPICAL FORESTS	32
TECHNOLOGY ASSESSMENT	36
Technologies for Undisturbed Forests	36
Technologies to Reduce Overcutting	37
Technologies for Disturbed Forests	39
Forestry Technologies to Support Tropical Agriculture	40
Resource Development Planning	41
Education, Research, and Technology Transfer	41
ISSUES AND OPTIONS FOR CONGRESS	44
Expand and Coordinate Development Assistance	45
Encourage Resource Development Planning	46
Improve Tropical Forest Research and Market Development	46
Protect Biological Diversity	47
Expand U.S. Expertise in Tropical Forest Resources	47
U.S. TROPICAL FORESTS	48
Introduction	48
The U.S. Caribbean Territories: Puerto Rico and the U.S. Virgin Islands	49
The U.S. Western Pacific: Micronesia and American Samoa	50
Issues and Options for Congress	51

Figures

Figure	Page
1. Global Areas of Tropical Woody Vegetation	31
2. Areas of Woody Vegetation in 76 Tropical Nations (thousands of hectares, 1980 estimates)	33
3. A Typical Biosphere Reserve	37
4. Location of Puerto Rico and the U.S. Virgin Islands	49
5. Location of the U.S. Pacific Territories	51

Tables

Table	Page
1. 1985 Estimates of Closed Forest Area and Deforestation Rates in Tropical Africa, America, and Asia	34
2. 1991 Estimates of Tropical Forest Area and Deforestation Rate for 87 Countries in the Tropical Region (area figures are millions of hectares)	35