Appendix

Commissioned Papers

Technologies to Increase Production From Primary Tropical Forests and Woodlands
Peter S. Ashton
Harvard Arnold Arboretum
Mark J. Plotkin
Harvard Botanical Museum

Methods for Evaluating Tropical Forest and Woodland Plants to Indicate Their Potential as Resources
Michael J. Balick
New York Botanical Garden

Tree Crops: Key Elements in Sustaining Tropical Forest Resources
Earle Barnhart
The New Alchemy Institute

Professional Education and Technical Training to Support Development and Implementation of Technologies to Sustain Tropical Resources
James S. Bethel and David B. Thorud
College of Forestry
University of Washington
William Burch
School of Forestry
Yale University

Applied Research in the United States Relevant to Tropical Forests and Woodlands
David H. Dawson
Forestry Sciences Laboratory

Causes of Deforestation and Forest and Woodland Degradation in Tropical Latin America
William M. Denevan
Department of Geography
University of Wisconsin-Madison

Technologies for Reforestation of Degraded Lands in the Tropics
Carl M. Gallegos
U.S. Agency for International Development
Charles B. Davey, Robert L. Kellison, Pedro A. Sanchez, and Bruce J. Zobel
Department of Forestry
North Carolina State University

Afforestation and Management of Tropical Wastelands in India
R. C. Ghosh
Additional Chief Conservator of Forests
West Bengal, India

Causes of Deforestation in Tropical Asia
Christopher Gibbs
British Columbia Ministry of Environment

The Use of Traditional Knowledge in Development and Implementation of Resource-Use Systems That Sustain Tropical Forest and Woodland Resources
Stephen R. Gliessman
College of Environmental Studies
University of California-Santa Cruz

Valuing Goods and Services From Tropical Forests and Woodlands
Hans M. Gregersen
Department of Forestry
University of Minnesota-St. Paul

Deforestation and Environmental Change in the West African Sahel
Jeffrey Allman Gritzner
Board on Science and Technology for International Development
National Academy of Sciences

Land-Use Planning Technologies to Sustain Tropical Forest and Woodlands
Lawrence S. Hamilton
East-West Center
Technologies to Improve the Use of Tropical Forest and Woodland Products

Joseph Frederick Hughes, Robert Aubrey Plumptre, and Jeffery Burley
Commonwealth Forestry Institute
England

The Relationship of Basic Research to the Development of the Technologies That Will Sustain Tropical Forest Resources

Daniel H. Janzen
Department of Biology
University of Pennsylvania-Philadelphia

Identification and Development of New Tropical Forest Resources in Puerto Rico and the U.S. Virgin Islands

Connie Krochmal
Economic Botanist
Agriculture and Science Associates

The Use of Agroforestry to Improve the Productivity to Converted Tropical Land

Bjorn Lundgren
International Council for Research in Agroforestry

Professional Education and Technical Training to Support Development and Implementation of Technologies to Sustain Tropical Resources

Hank Margolis
Oregon State University

Methods for the Establishment and Management of Protected Areas for Tropical Primary Forest and Woodland Resources

Kenton R. Miller and Dennis Glick
School of Natural Resources
University of Michigan-Ann Arbor

The Importance of Tropical Forests and Woodland Resources

Norman Myers
Consultant in Environment and Development

Soil and Water Management Technologies for Tropical Forests

Charles Pereira
Consultant in Tropical Agricultural Research and Land-Use Hydrology
England

Social Forestry in India: An Analytical Framework for Evaluation of Its Problems and Prospects

Christopher Prins
University of California-Berkeley

Basic Research—A Necessary Prerequisite for Adequate Development of Technologies to Sustain Tropical Forest Resources

Peter H. Raven
Missouri Botanical Garden

Institutions That Deal With Technologies to Sustain Tropical Forest Resources

Bruce Rich
Natural Resources Defense Council

Private Foundations That Support Projects Relating to Technologies to Sustain Tropical Forest Resources

Bruce M. Rich
Natural Resources Defense Council

Causes of Deforestation and Forest and Woodland Degradation in Tropical Africa

James C. Ridden
Land Tenure Center
University of Wisconsin-Madison

Dynamics of Tropical Forest Conversion: A Preliminary System Dynamics Model

Jennifer Robinson
Department of Geography
University of California-Santa Cruz
Forestry: Puerto Rico and the Virgin Islands
Ralph Schmidt
Forest Service
Department of Natural Resources
Puerto Rico

Fuelwood Technologies to Sustain Tropical Forest Resources
Asif M. Shaikh and Samuel Hale, Jr.
Energy Development International
Tahir Qadri
CARE

Opportunities and Constraints for Improving the Use of Tropical Mangrove Forests
Howard J. Teas
Department of Biology
University of Miami-Coral Gables

Common-Property Resources and Individual Ownership
Denise M. Toombs
Resource Policy Center
Dartmouth College

Sustaining Tropical Forest and Woodland Animal Resources
Noel D. Vietmeyer
Board on Science and Technology for International Development
National Academy of Sciences

Secondary Forest Management and Plantation Forestry Technologies to Improve the Use of Converted Tropical Lands
Frank H. Wadsworth
Institute of Tropical Forestry
Puerto Rico

Environmental Education Technologies as Applied to Tropical Forest Management
Diane Walton
International Institute for Environment and Development
David Wood
National Wildlife Federation

Combatting Desertification With Trees
Fred R. Weber
International Resources Development and Conservation Services

Halting Tropical Deforestation: The Role of Technology
Jack Westoby
Consultant in Forest Economics
Italy

Congressional Action to Improve the Sustainability of U.S. Tropical Forest Resources in the Pacific
Craig D. Whitesell, Charles W. Philpot, and Marjory C. Falanruw
Pacific Southwest Forest and Range Experiment Station
U.S. Department of Agriculture Forest Service

Technologies and Technology Systems for Reforestation of Degraded Tropical Lands
P. J. Wood, J. Burley, and A. Grainger
Commonwealth Forestry Institute
England