



BIBLIOGRAPHY

DEFORESTATION

U.S. NATIONAL FOCAL POINT UNEP/INFOTERRA
U.S. ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

DEFORESTATION

A selected bibliography compiled by
Charlene S. Sayers

August 1982

U.S. National Focal Point for UNEP/INFOTERRA
Library Systems Staff
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W., Room 2903-B WSM
Washington, D.C. 20460

DEFORESTATION

	<u>Page</u>
Selected Journal Articles	3
Books and Reports	8
Conference Presentations	12
Representative Sources of Information	
United States Sources	14
International Sources	16

This bibliography was prepared to assist those interested in learning what recently has been published on the topic of Deforestation. The majority of references listed were published during the period 1979-1982 and cover a variety of views on the subject.

SELECTED JOURNAL ARTICLES

EPA HEADQUARTERS
LIBRARY IDENTIFIER

- "Again Silent Spring", by Robert Deis. Defenders, 56(2), pp. 6-10, April 1981. Envirofiche 81-05597
- "Amazon: Earth's Most Dazzling Forest", by Ghilleen T. Prance. Garden, 6(1), pp. 2-10, January-February 1982. Envirofiche 82-02483
- "Amazonia's Hydrologic Cycle and the Role of Atmospheric Recycling in Assessing Deforestation Effects", by H. Lettau, K. Lettau, and L.C.B. Molion. Monthly Weather Review, 107(3), pp. 227-238, 1979.
- "American Tegumentary Leishmaniasis and Deforestation of the Amazon Region", by Filho Araujo. Acta Amazonica, 11(1), pp. 187-189, March 1981. (in Portuguese).
- "Attempt at an Assessment of the World's Tropical Forests", by A. Sommer. Unasylva, 28(112), pp. 5-25, 1976.
- "Clearing a Tropical Forest", by R. Lal. Field Crops Research, 4(4), pp. 345-354, December 1981.
- "Deforestation and Increased Flooding of the Upper Amazon", by C. F. Nordin and R. H. Meade. Science, 215 (4531), pp. 426-427, January 22, 1982. **
- "Deforestation and Increased Flooding of the Upper Amazon", by A. H. Gentry and J. Lopezparodi. Science, 210(4476), pp. 1354-1356, 1980. **

** = The Journal is shelved in the Periodicals Section of the EPA Headquarters Library.

- "Deforestation and Social Forestry in Developing Countries",
by D. F. Barnes and J. C. Allen. Resources, 66,
pp. 7, Spring 1981. **
- "Deforestation in India", by B. Bowonder. International
Journal of Environmental Studies, 18(3-4), pp. 223-236,
1982. **
- "Deforestation in the Brazilian Amazon: How Fast is it
Occurring?", by P. M. Fearnside. Interciencia,
7(2), pp. 82-88, March-April 1982.
- "Deforestation: Priorities for Action". Environmental Policy
and Law, 6(4), pp. 159-162, November 21, 1980. **
- "Effect of Deforestation on Population of Testacea in French
Guiana--Preliminary Study", by M. M. Couteaux.
Revue d'Ecologie et de Biologie du Sol, 16(3),
pp. 403-413, 1979 (in French).
- "Effects of Deforestation", by Alan Grainger. Ecologist,
11(2), pp. 61-63, March-April 1981. **
- "Effects of Deforestation on the Activity of Soil Microorganisms
of Higher Land in Amazonas", by O. M. Santos and B. M.
Crisi. Acta Amazonica, 11(1), pp. 97-102, March 1981.
(in Portuguese).
- "Effects of Methods of Deforestation on Soil Erosion and Maize
Yield", by R. Lal. International Institute of Tropical
Agriculture Research Briefs, 1(1), pp. 9-10, 1980.
- "Forest Destruction in Asia and the South Pacific", by
M. K. Ranjitsinh. Ambio, 8(5), pp. 192-201, 1979. **
- "Forestry for Carbon Dioxide Fixation (Deforestation)", by
P. J. Stewart. Commonwealth Forestry Review, 57(4),
pp. 263-266, December 1978.

- "Forests and Development", by B. Bowonder. Mazingira, 5(2), pp. 62-71, 1981. **
- "Forests in the Long Sweep of American History", by Marion Clawson. Science, 204(4398), pp. 1168-1174, June 15, 1979. **
- "Global 2000 Report to the President", by Bette Hileman. Environmental Science and Technology, 16(3), pp. 151A-155A, March 1982. **
- "High Technology and Original Peoples--The Case of Deforestation in Papua, New Guinea and Canada", by C. Death and G. Michalenko. Impact of Science on Society, 30(3), pp. 197-209, 1980. **
- "Inadvertent Climatic Change--Investigating the Coincidence of Deforestation, Inadequate Soil Conservation Practices, Soil Erosion, and Disastrous Food Shortages in Northwest Haiti", by L. T. Steyaert. Bulletin of the American Meteorological Society, 60(5), pp. 549, 1979.
- "Is a Pharmaceutical Deforestation in the Offing". Munchener Medizinische Wochenschrift, 123(32-33), pp. 1220-1221, 1981. (in German).
- "Overpopulation, Deforestation and Agriculture: Causes and Consequences in the Mayan Collapse", by L. Ochoa. Biotica, 5(3), pp. 145-155, 1981. (in Spanish).
- "Possible Climatic Impact of Tropical Deforestation", by G. L. Potter, et al. Nature, 258(5537), pp. 697-698, December 25, 1975. **
- "Present Status and Future Prospects of Tropical Moist Forests", by Norman Myers. Environmental Conservation, 7(2), pp. 101-114, Summer 1980. **

- "Pressures on the World's Forests Keep Mounting". **
Conservation Foundation Letter, pp. 1-8, August 1981.
- "Raven Warns of Rapid Tropical Deforestation". Bioscience, **
31(9), pp. 633, 1981.
- "Recovery of a Deforested Ecosystem", by G. E. Likens, et al. **
Science, 199(4328), pp. 492-496, 1978.
- "Repercussions of Deforestation on Precipitation in Western
Karnataka, India", by V. M. Meherhomji. Archiv fur
Meteorologie Geophysik und Bioklimatologie Serie B,
28(4), pp. 385-400, 1980.
- "Some Crucial Issues of our Time", by Nicholas G. Guppy. **
Environmental Conservation, 7(1), pp. 3-8, Spring 1980.
- "State of the World's Tropical Forests", by Alan Grainger. **
Ecologist, 10(1), pp. 6-54, January 1980.
- "Take the Profits and Run", by Gary S. Hartshorn. Garden,
6(1), pp. 25-31, January-February 1982. Envirofiche
82-02485
- "Temporary Hydrologic Changes after Deforestation for Pioneer
Homesteading", by H. Ryckborst. Journal of Hydrology, **
53(1-2), pp. 117-133, 1981.
- "Threats to the Terrestrial Resources of the Caribbean", by **
A. Melville Gajraj. Ambio, 10(6), pp. 307-311, 1981.
- "Tropical Deforestation: Fight for Survival", by R. Pardo.
American Forests, 86(10), pp. 8, 55. October 1980.
- "Tropical Forest, A Rich But Fragile Resource", by Frank Golley
and Malcolm Hadley. UNESCO Courier, 4, pp. 13-17,
April 1981.

- "Tropical Forests in the Caribbean", by A. Lugo, R. Schmidt,
and S. Brown. Ambio, 10(6), pp. 318-324, 1981. **
- "Tropical Lands: Popular Misconceptions", by Ariel E. Lugo and
Sandra Brown. Mazingira, 5(2), pp. 10-19, 1981. **
- "Tropical Moist Forests: Going, Going...?", by Norman Myers. **
Intercom, 8(9), pp. 4-6, September 1980.
- "Tropical Tree Legumes: A Front Line Against Deforestation",
by N. Vietmeyer. Ceres, 12(5), pp. 38-41,
September-October 1979.
- "Value of Tropical Moist Forest Ecosystems and the Environmental
Consequences of their Removal", by Duncan Poore.
Unasylva, 28(112), pp. 127-143, 1976.
- "World Less Green", by Thomas E. Lovejoy. Defenders, 56(2),
pp. 2-5, April 1981. Envirofiche
81-05214
- "World Rainforest Destruction—The Social Factors", by
Val Plumwood and Richard Routley. Ecologist, 12(1),
pp. 4-21, January-February 1982. **

BOOKS AND REPORTS

EPA HEADQUARTERS
LIBRARY IDENTIFIER

Actions Needed to Conserve Tropical Moist Forests, by
Thomas Stoel, et al. Washington, D.C.: Natural
Resources Defense Council report, 1981. 160 pp.

Conservation and Wise Utilization of Tropical Forests--A
Directory of Information Sources. Nairobi, Kenya:
United Nations Environment Programme--INFOTERRA,
February 1980. 146 pp.

Conservation Biology (Chapter 17: Conservation of Tropical Rain
Forest), by T. C. Whitmore. Sunderland, Massachusetts:
Sinauer Associates, 1980. Chapter 17--pp. 303-318.

Envirofiche
81-04487

Conversion of Tropical Moist Forests, by Norman Myers.
Washington, D.C.: National Academy of Sciences,
1980. 205 pp.

SD 418.3T76MD

Development Assistance in Forestry: An A.I.D. Policy Background
Paper, by Emmy Simmons. Washington, D.C.: Agency for
International Development, 1980. 50 pp.

Environmental and Natural Resource Management in Developing
Countries--A Report to Congress. Washington, D.C.:
Agency for International Development, February 1979.
184 pp.

Environmental Quality: Eleventh Annual Report of the Council
on Environmental Quality. Washington, D.C.: Council
on Environmental Quality, December 1980. 497 pp.
(Deforestation information--pp. 7-11).

HC110.E5E28

Environmental Quality: Tenth Annual Report of the Council
on Environmental Quality. Washington, D.C.: Council
on Environmental Quality, 1979. 816 pp.
(Deforestation information--pp. 607-616).

HC110.E5E28

- Environmental Quality: Ninth Annual Report of the Council
on Environmental Quality. Washington, D.C.: Council
on Environmental Quality, 1978. 599 pp.
(Loss of Productive Land: Deforestation and
Desertification--pp. 458-468). HC110.E5E28
- Environment: The Global Connection, Summary Report.
Washington, D.C.: EPA/ET Al Environment--The Global
Connection Conference Proceedings, October 1980.
65 pp. Envirofiche
82-00325
- Erosion, Deforestation and the Loss of Productivity, by C. A.
Pryor. New York, New York: Rockefeller Foundation,
1980. 10 pp.
- Forestry Activities and Deforestation Problems in Developing
Countries. Washington, D.C.: U.S. Forest Service,
Report AG/TAB-1080-10-78, July 1980. 194 pp. Envirofiche
81-06672
- Global 2000 Report to the President: Entering the Twenty-First
Century. Washington, D.C.: U.S. Department of State
and Council on Environmental Quality, 1980.
Volume 2, 766 pp. (Deforestation information--pp. 117-
135, 280, and 318-333). CBl6l.U55
- Interactions of Energy and Climate, Wilfrid Bach, Jurgen Pankrath
and Jill Williams, editors. Dordrecht, Holland:
D. Reidel Publishing Company, 1980. QC980.I56
(Chapter on Impacts Due to Deforestation--pp. 305-316).
- Land Clearance: Alternative Techniques for Removing Trees and
Bushes, by Agriculture Panel of the Intermediate Technology
Development Group. London, England: Intermediate Technology
Publication, 1981. 65 pp.
- Losing Ground--Environmental Stress and World Food Prospects,
by Erik P. Eckholm. New York, New York: W. W. Norton,
1976. 223 pp. S601.E24
- Man and the Humid Tropics. Paris, France: UNESCO--Programme on
Man and the Biosphere, 1980. 16 pp.

Man and the Mediterranean Forest: A History of Resource
Depletion, by J. V. Thirgood. New York, New York:
Academic Press, 1981. 194 pp.

Planting for the Future: Forestry for Human Needs, by Erik
Eckholm. Washington, D.C.: Worldwatch Institute,
February 1979. 64 pp. (Worldwatch Paper 26).

Proceedings of the U.S. Strategy Conference on Tropical
Deforestation (held in Washington, D.C. on
June 12-14, 1978). Washington, D.C.: Agency for
International Development, 1978. 85 pp.

PB82-165911

Reforestation of Public and Private Lands. Washington, D.C.:
U.S. House of Representatives--House Committee on
Agriculture, 96th Congress, 1st Session, Serial No.
96-CC, July 19, 1979. 135 pp.

Envirofiche
80-04550

Rekindling World's Commitment to Environmental Protection,
by Mostafa K. Tolba. Nairobi, Kenya: United Nations
Environment Programme, April 1982. 8 pp.

Envirofiche
82-04289

Six Steps to a Sustainable Society, by Lester R. Brown and
Pamela Shaw. Washington, D.C.: Worldwatch Institute,
March 1982. 63 pp. (Worldwatch Paper 48).

State of the Global Environment: A Decade After Stockholm.
Nairobi, Kenya: UNIPUB--United Nations Environment
Programme, 1982.

State of the World Environment 1980 (2.--Climatic Changes,
Deforestation, Carbon Dioxide and the Carbon Cycle).
Nairobi, Kenya: United Nations Environment Programme,
1980. 26 pp.

Tropical Deforestation, by Bill Long, et al. Washington, D.C.:
U.S. Department of State, 1978. 81 pp.
(U.S. Strategy on Tropical Deforestation Conference
Proceedings, Washington, D.C. June 12-14, 1978).

Envirofiche
79-02518

Tropical Deforestation: Hearings Before the Subcommittee on
International Organizations of the Committee on
Foreign Affairs. Washington, D.C.: U.S. House
of Representatives, 96th Congress, 2nd Session,
May 7, June 19, and September 18, 1980, 1981.
446 pp.

Tropical Forest Ecosystems, by UNESCO, UNEP and FAO.
Paris, France: UNESCO, 1978. 683 pp.

Wood: An Ancient Fuel with a New Future, by Nigel Smith.
Washington, D.C.: Worldwatch Institute, January 1981.
48 pp. (Worldwatch Paper 42).

World's Tropical Forests: A Policy, Strategy, and Program
for the United States—A Report to the President,
by U.S. Interagency Task Force on Tropical Forests.
Washington, D.C.: U.S. Department of State,
May 1980. 53 pp. (State Dept. Publication No. 9117).

CONFERENCE PRESENTATIONS

EPA HEADQUARTERS
LIBRARY IDENTIFIER

- "Conversion Rates in Tropical Moist Forests: Review of a Recent Survey", by Norman Myers.
Presented at: Yale University Tropical Forests Utilization and Conservation International Symposium, New Haven, Connecticut, April 15-16, 1980. 19 pp. Envirofiche 82-01156
- "Deforestation and CO₂", by A. D. Hinckley.
Presented at: Bio-Energy World Congress and Exposition, Atlanta, Georgia, April 21, 1980. NTIS--CONF-800482
- "Deforestation—Death to the Panama Canal", by Frank Wadsworth.
Presented at: U.S. Strategy Conference on Tropical Deforestation, Washington, D.C., June 12-14, 1978. PB82-165937
- "Deforestation Problems of the Humid Tropics", by Ghilleen France.
Presented at: U.S. Strategy Conference on Tropical Deforestation, Washington, D.C., June 12-14, 1978. PB82-166034
- "Deforestation Problems of the Semi-Arid Regions", by Leonard Berry and Paul Bente.
Presented at: U.S. Strategy Conference on Tropical Deforestation, Washington, D.C., June 12-14, 1978. PB82-166042
- "Impacts Due to Deforestation", by A. Baumgartner and M. Kirchner.
Presented at: University of Munster Interactions of Energy and Climate Conference, West Germany, March 3-6, 1980. Envirofiche 82-00679
- "Nature of the Deforestation Problem—Trends and Policy Implications", by Gerald Barney.
Presented at: U.S. Strategy Conference on Tropical Deforestation, Washington, D.C., June 12-14, 1978. PB82-165929

EPA HEADQUARTERS
LIBRARY IDENTIFIER

"Use of Satellite Imagery to Assess Forest Deterioration in
Eastern Thailand", by B. Klankamsorn.
Presented at: 12th International Symposium on
Remote Sensing of Environment, Manila, April 20-26, 1978.

Envirofiche
79-01108

"Values of Tropical Moist Forests", by Duncan Poore
Presented at: USFS/AID Improved Utilization
of Tropical Forests Conference, Madison,
May 21-26, 1978.

Envirofiche
78-05403

REPRESENTATIVE SOURCES OF INFORMATION
(UNITED STATES)

<u>Organization</u>	<u>Address</u>
AGENCY FOR INTERNATIONAL DEVELOPMENT	Office of Science and Technology Agency for International Development 320 Twenty-First Street, N.W. Washington, D.C. 20523 Telephone: 202 632 1850
AMERICAN FORESTRY ASSOCIATION	Executive Vice President American Forestry Association 1319 18th Street, N.W. Washington, D.C. 20036 Telephone: 202 467 5810
INSTITUTE OF TROPICAL FORESTRY	Ariel E. Lugo Institute of Tropical Forestry U.S. Forest Service—Southern Forest Experiment Station P. O. Box AZ Rio Piedras Puerto Rico 00928
MAN AND THE BIOSPHERE (MAB)	U.S. MAB Secretariat U.S. Department of State 2201 C Street, N.W. Washington, D.C. 20520 Telephone: 202 632 2786
NATIONAL ACADEMY OF SCIENCES	National Academy of Sciences 2101 Constitution Avenue, N.W. Washington, D.C. 20418 Telephone: 202 334 2000

Organization

Address

NATIONAL AGRICULTURAL
LIBRARY

Library Operations Division
National Agricultural Library
U.S. Department of Agriculture
Beltsville, Maryland 20705

Telephone: 301 344 3834

Cable: 710 828 0506

SAHEL DOCUMENTATION CENTER

Librarian
Sahel Documentation Center
c/o Michigan State University
East Lansing, Michigan 48824

Telephone: 517 355 2366

U.S. FOREST SERVICE

Information Office
U.S. Forest Service
U.S. Department of the Interior
P. O. Box 2417
Washington, D.C. 20013

Telephone: 202 447 3760

WEYERHAEUSER COMPANY

Director, Environmental Affairs Group
Weyerhaeuser Company
Tacoma, Washington 98401

Telephone: 206 924 2345

Cable: 910 441 2615 WEYCO

WORLDWATCH INSTITUTE

President
Worldwatch Institute
1776 Massachusetts Avenue, N.W.
Washington, D.C. 20036

Telephone: 202 452 1999

REPRESENTATIVE SOURCES OF INFORMATION
(INTERNATIONAL)

<u>Organization</u>	<u>Address</u>
ARGENTINA	Director Subsecretaria de Planeamiento Ambiental Santa Fe 1548 10 Piso 1060 Buenos Aires Argentina
FOOD AND AGRICULTURE ORGANIZATION (FAO)	Chief, Forest Management Branch Food and Agriculture Organization of the United Nations (FAO) Via Delle Terme di Caracalla Rome 00100 Italy Cable: FOODAGRI ROME
FRANCE	Director Service des Forets 1 Ter Avenue de Lowendal Paris Seine 75700 France
GHANA	African Forestry Commission FAO Regional Office P. O. Box 1628 Accra Ghana
INDIA	Director National Bureau of Soil Survey and Land Use Planning Indian Agricultural Research Institute New Delhi India 110012 Cable: KRISHI PUSA
INDONESIA	Executive Secretary National Committee on the Environment Jalan Raden Saleh 43 P. O. Box 250 Jakarta Indonesia

Organization

Address

ISRAEL

Ezra Henken
Ministry of Agriculture
Hakirya
Tel-Aviv Israel

ISSTIAF

International System of Scientific and
Technical Information---Agriculture & Forestry
Slezska 7
CS-12056 Prague 2 Czechoslovakia

IUCN

International Union for the Conservation of
Nature and Natural Resources
Avenue du Mont Blanc
CH 1196 Gland Switzerland

IUFRO

International Union of Forestry Research
Organization
Secretariat Tirolergarten
Schontrunn
A-1131 Vienna Austria

LATIN AMERICAN FORESTRY
COMMISSION

Latin American Forestry Commission
Providencia 871
Casilla Postal 10095
Santiago Chile

SRI LANKA

Conservator of Forests
Forestry Department
P. O. Box 509
Colombo 2 Sri Lanka

SWEDEN

Swedish Council of Environmental Information
Jordsbruksdepartementet
Fack
S-103 20 Stockholm Sweden

Telex: 11461 Loendep S

Organization

Address

THAILAND

Chief, Forest Control Division
Royal Forest Department
Pahol Yothin Road
Bangkok Thailand

UNESCO—MAB

Coordinator
UNESCO—MAB Project (Man and the Biosphere)
7 Place de Fontenoy
Paris 75700 France

Cable: UNESCO PARIS

USSR

Director
Department of International Economic,
Scientific and Technical Organizations
State Committee for Science and Technology
11 Gorky Street
Moscow K-9 USSR

Telex: 7249 VINITI SU