Wood 1972

Communication from Professor John Wood, University of Illinois. Cited in Council on Environmental Quality, Environmental Quality, 3rd Annual report. Washington, D.C.: Government Printing Office. 1972.

Woodwell et al. 1967

Woodwell, G. M., et al. "DDT Residues in an East Coast Estuary: A Case of Biological Concentration of a Persistent Insecticide." *Science* 156, no. 3776 (May 12, 1967), pp. 821-824.

Woodwell et al. 1971

Woodwell, G. M., et al. "DDT in the Biosphere: Where Does It Go?" Science 174, no. 4014 (December 10, 1971), pp. 1101-1110

Wright 1970

Wright, J. H. "Power and the Environment." Paper presented at the American Power Conference, Chicago III., April 21–23, 1970. Cited in SCEP 1970, p. 299.

7 Simulations of the World Model

Roger F. Naill and William W. Behrens III

7.1 Introduction	487
7.2 Historical Runs Population Sector Variables 489 Capital Sector Variables 493 Agriculture Sector Variables 495 Nonrenewable Resource Sector Variables Persistent Pollution Sector Variables 496	488
7.3 Reference Behavior of the World3 Model World 3 Reference Run 500 Additional Variables from the Reference Run 500	499
7.4 Sensitivity Tests Nonrenewable Resources Initial NRI—Double NRI 503 Nonrenewable Resources Initial NRI—Ten Times NRI 504 Fraction of Industrial Output Allocated to Agriculture FIOAA 504 Average Lifetime of Industrial Capital ALIC 505 Average Lifetime of Industrial Capital ALIC and Industrial Capital-Output Ratio ICOR 508	502
7.5 Technological Policies Discrete Changes in Technologies Increase in Resource Exploration and Extraction Technologies Recycling Technologies 512 Resource and Air Pollution Technologies 516 Resource and Pollution Technologies 517 Resource, Pollution, and Land Yield Technologies 519 Resource, Pollution, and Agricultural Technologies 519	510 511 2
Exponential Changes in Technology Adaptive Changes in Technologis Adaptive Technological Policies—The Effects of Limitations to Technological Policies—The Effects of Limitations	522 525