



Curriculum Vita Dennis L. Meadows

Dennis Meadows is Director of the Institute for Policy and Social Science Research at the University of New Hampshire and Professor of Policy Systems.

He has a BA in chemistry from Carleton College and a PhD in Management from MIT. Three European universities have awarded him honorary doctorates in economics and environmental sciences. Between 1969 and 1988 he was on the faculty of the MIT System Dynamics Group, The Dartmouth College Tuck School of Business, and the Dartmouth College Thayer School of Engineering.

As a young faculty member he took a year's leave of absence from MIT and drove from London to Sri Lanka and back. That trip gave him the incentive and many useful insights for a life-long career focused on the interaction of economy, politics, ecology, technology, and culture as they influence long-term patterns of development in human societies. That lead, among other things to prolific writing.

As the author or co-author he has written eight books on aspects of forecasting, systems analysis, sustainable development, social change, and the global economy. Included is the most widely sold computer simulation book in history, *The Limits to Growth*. The texts have been translated into more than 35 languages. One was awarded the German Peace Prize.

He designs sophisticated games to convey principles of systems thinking for managers in the corporate and public sectors. His games are used in the school systems of almost every US state and at least 20 nations. Most recently the World Bank acquired 100 sets of STRATAGEM for its own training programs. National television news coverage recently included a 15 minute broadcast feature on FISH BANKS LTD, his game about sustainable management of renewable resources.

He is a member of the management council of the Browne Center, a creative center for action learning a team building. It conducts programs for over 9000 participants each year.

He has been president of both the System Dynamics Society and the International Simulation and Games Association. His work introduced computer-assisted role-playing simulations and

games as a central foundation for System Dynamics research and teaching.

A recent world-wide poll of professionals, conducted by the *Encyclopedia of the Future* ranked Meadows as a member of the group of the 100 most influential futurists of all time.

He was a co-founder of a very successful computer-model-based consulting company, Resource Systems Group. He has been on the board of directors of New Hampshire Blue Cross/Blue Shield Corporation and WindSolar, an international wind park development company based in Darmstadt, Germany.

Education:

June 1964 BA in Chemistry, Carleton College, Northfield, MN, USA

June 1969 PhD in Management, Massachusetts Institute of Technology
Cambridge, MA, USA

Honors & Awards (partial list):

Recipient of the 1975 Prize for the Protection of Nature of the Bavarian Society for Nature Protection, Munich, Germany.

Honorary PhD in Economics, Budapest University for Economic Sciences, Budapest, Hungary, September 1988

Honorary PhD in Environmental Engineering, Mendeleev Technical University, , Moscow, Russia, February 1989.

Honorary PhD, Environmental Education, International University, Moscow, Russia, October 1994.

Fulbright Fellowship in Environmental Sciences, USSR 1989.

Professional Activities (partial list):

Author or co-author of eight books translated into 35 languages; one received the 1974 German Peace Prize. * - sole author

Dynamics of Commodity Production Cycles, 1970 *

The Limits to Growth, 1972

Dynamics of Growth in a Finite World, 1974

Toward Global Equilibrium, 1976

Alternatives to Growth 1976 (Editor)

Beyond the Limits, 1992

Systems Thinking Playbook, 1995

Creating High Performance Teams, 1997 *

Author of two computer-assisted, role-playing simulations that have been translated into more than ten languages and manufactured in several thousand sets for use with groups from 12 - adult. One, FishBanks, Ltd., was the first game ever selected by the US Department of Education as an exemplary teaching program and supported for national distribution.

Positions:

Research Chemist, US Atomic Energy Commission, Argonne National Laboratory 1963-64

Assistant Professor in Management, Massachusetts Institute of Technology 1969-1972

Associate and Full Professor in both Business and Engineering, Tuck School and Thayer School, Dartmouth College 1972 - 1988

Visiting Scientist:

1974: Population Institute of the East-West Center, University of Hawaii, Honolulu, HI, USA.

1976-7: Energy Division, International Institute for Applied Systems Analysis, Laxemburg, Austria

1978: NTNF, Royal Norwegian Council for Scientific and Industrial Research, Oslo, Norway.

1986: Karl Marx University, Budapest, Hungary.

1994: RIVM, Netherlands National Institute for Environmental Research, Bilthoven, Netherlands

Director of the Division for Special Projects, International Institute for Applied Systems Analysis, Laxemburg, Austria: 1983-84

Professor of Systems Policy and Director, Institute for Policy and Social Science Research, University of New Hampshire 1988 - present.

Member of Board of Directors, NH Blue Cross/Blue Shield for six years.

Founding Director, Resource Systems Group, (environmental consulting firm), White River Junction, Vermont, USA

Member of the Board of Directors, WindSolar, AG, a wind energy development firm in Germany.

Past President, International System Dynamics Society.

Past President, International Simulation and Games Association.

Associate Editor, *Simulation & Games Journal*

Consultant on game design and training to over 50 international, corporate, and academic organizations.

Senior academic advisor to the Rockefeller Foundation's LEAD program, a long-term effort to create a new generation of leaders for environment and sustainable development in 12 nations.