

NAZLI CHOUCRI
DEPARTMENT OF POLITICAL SCIENCE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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EDUCATION

American University, Cairo B.A., Social Sciences	1962
Stanford University, California M.A., Political Science	1964
Stanford University, California Ph.D., Political Science	1967

ACADEMIC APPOINTMENTS

<i>Current Academic</i>	Professor of Political Science, MIT	1978-
	Associate Director, Technology and Development Program	1976-
<i>Previous Academic</i>	Associate Professor, MIT	1972-1978
	Assistant Professor, MIT	1969-1972
	Senior Faculty, Center for International Studies, MIT	1975-
	Head, The Middle East Program, MIT	1985-
	Assistant Professor, Queen's University, Canada	1967-1969
<i>Other</i>	Research Associate, Stanford University (summers)	1968-1970
	Director, Energy and Development Research Program, MIT	1980-1982
	Faculty Associate, Center for Middle Eastern Studies, Harvard University	1983-1993
	Founding Director, GSSD Global Knowledge e-Networking	1998-

AREAS OF RESEARCH INTERESTS

- I. International Politics –theory and analysis of sources and consequences of growth and development for national security and international behavior.
- II. Global Accord, Environment, and Sustainability
- III. CyberPolitics and Cyberspace

NEW RESEARCH DIRECTIONS

Principal Investigator, Project on *Explorations in Cyber International Relations*, a collaboration of MIT and Harvard University, supported by the Minerva Program, US Department of Defense, 2009 – 2014.

PROFESSIONAL ASSOCIATIONS (select)

Council on Foreign Relations

American Political Science Association

American Association for the Advancement of Science

International Political Science Association

International Studies Association

PATENT

Networked DataBase System for Geographically Dispersed Global Sustainability

(as amended), Nazli Choucri and Juliana Kousoum. Patent Application, Allowance, and Granted May 12, 1998: USSN 08/637,077 MIT Case No. 7217. (First patent in the history of MIT from the School of Humanities, Arts, and Social Science)

EDITORSHIP (select)

Editorial Advisory Committee (IPSR)	2000-
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Advisory Board, <i>Global Environmental Politics</i>	2002-
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Co-Editor, <i>International Political Science Review</i> (IPSR)	1994-2000
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Founding Editor, MIT Press Series on <i>Global Environmental Accords</i>	1993-
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Board of Editors, <i>Business & the Contemporary World</i>	1992-1994
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INTERNATIONAL SCIENTIFIC

Member, European Academy of Sciences	2003-
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Chair, Scientific Advisory Committee (SAC) of UNESCO Program	2006-
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Management of Social Transformation (MOST)

SYNERGISTIC ACTIVITIES (select)

- Development of databases for analysis of international relations by country since 1945-
- Interdisciplinary graduate courses Technology and Policy –co-teaching across 4 MIT Departments
- Design and management of collaborative research on knowledge provision and sharing across disciplines, languages, and cultures (including Arabic,

Chinese, French)

- Contribution to US Academy of Engineering study on Information Systems and the Environment 1997; published in 2001

PROFESSIONAL ACTIVITIES (select)

- Principle Investigator, Explorations in Cyber International Relations 2009-
- Dr. Jean Mayer Global Citizenship Award, Tufts University Education for Public Inquiry and International Citizenship 2005
- Working Group 3, UN-ICT, Preparations for World Summit on Information Technology 2001- 2005
- Panel Member, National Academy of Sciences Committee on Terrorism 2001-2002
- Panel Member, DARPA-National Academy of Sciences Committee on Understanding Terrorism in order to Deter Terrorism 2001-2002
- Member, Scientific Advisory Committee, SCOPE-ICSU 1998-
- Member, Science Board, Santa Fe Institute 1995-1997
- Special Advisor to the Administrator of the United Nations Development 1994-1996
- Member, Advisory Board, Global Stewardship Initiative, Pew Charitable Trust 1993-1995
- Advisor to the Secretary General of the United Nations Conference on Environment and Development 1990-1992
- Member, AAAS Committee on Population, Resources, and the Environment Chair, Working Group on International Aspects 1990-1992
- Convener and Session Organizer, International Political Science Association 1984-1985
- Planning Committee, International Scientific Forum on Energy 1983-1988
- Advisory Committee, Office of Technology Assessment, U.S. Congress 1982-1983
- Board of Directors, Pathfinder Fund 1981-1983
- Council Member, American Political Science Association 1981-1983
- Panel for 1979 U.S. Conference of Science and Technology for Development, National Research Council 1977-1978
- International Advisory Committee, World Population Society 1976-1977
- International Social Science Documentation Committee 1976-1978
- National Science Foundation Advisory Committee for Developing Guidelines of Research on National Resource Problems 1973-1974
- Co-Chair, National Academy of Science, Middle East Workshop 1973-1974
- International Committee of Advisors for National Academy of Science, Population Issues 1972-1974

INTERNATIONAL EXPERIENCE

Research, advising, consulting in:

Abu Dhabi, Algeria, Canada, China, Colombia, Egypt, France, Germany, Greece, Honduras, Kuwait, Lebanon, Mexico, North Yemen, Pakistan, Qatar, Sudan, Switzerland, Syria, Tunisia, Turkey.

LANGUAGES

Fluent: English, French, Arabic. *Limited:* Spanish, Italian

PUBLICATIONS

BOOKS

Nazli Choucri, *CyberPolitics in International Relations*, Cambridge, MA: The MIT Press, in press.

Nazli Choucri, Dinsha Mistree, Farnaz Haghseta, Toufic Mezher, Wallace R. Baker, and Carlos I. Ortiz, eds. 2007. *Mapping Sustainability: Knowledge e-Networking and the Value Chain*. New York: Springer.

Nazli Choucri, ed. 1993. *Global Accord: Environmental Challenges and International Responses*. Cambridge, Mass.: MIT Press.

Nazli Choucri, Robert C. North, and Susumu Yamakage. 1992. *The Challenge of Japan Before World War II and After: A Study of National Growth and Expansion*. London: Routledge.

Nazli Choucri, ed. 1984. *Multidisciplinary Perspectives on Population and Conflict*. Syracuse, N.Y.: Syracuse University Press.

Nazli Choucri. 1982. *Energy and Development in Latin America: Perspectives for Public Policy*. Lexington, Mass.: D.C. Heath/Lexington Books.

Nazli Choucri with David Scott Ross. 1981. *International Energy Futures: Petroleum Prices, Power, and Payments*. Cambridge, Mass.: MIT Press.

Nazli Choucri and Thomas Robinson, eds. 1978. *Forecasting in International Relations: Theory, Methods, Problems, Prospects*. San Francisco: W. H. Freeman.

Nazli Choucri. 1974. *Population Dynamics and International Violence: Propositions, Insights and Evidence*. Lexington, Mass.: D.C. Heath/Lexington Books.

Nazli Choucri with Vincent Ferraro. 1976. *The International Politics of Energy Interdependence*. Lexington, Mass.: D.C. Heath.

Nazli Choucri and Robert C. North. 1975. *Nations in Conflict: National Growth and International Violence*. San Francisco: W.H. Freeman & Co.

ARTICLES (and select monographs) organized by research areas

I. INTERNATIONAL POLITICS: THEORY and ANALYSIS

1.1 General Theory and Empirical Analysis

Co-author with Robert C. North. "Roots of War: The Master Variables," in Raimo Väyrynen, in collaboration with Dieter Senghaas and Christian Schmidt, eds. *The Quest for Peace: Transcending Collective Violence and War Among Societies, Cultures and States*. London: International Social Science Council, Sage Publications, 204-16. 1993.

"Economic and Political Factors in International Conflict and Integration." *International Studies Quarterly* 27. 1993.

"Analytical and Behavioral Perspectives: Causes of War and Strategies for Peace," in W. Scott Thompson et al., eds. *Approaches to Peace: An Intellectual Map*. Washington, D.C.: United States Institute of Peace Press, 271-98. 1991.

Le Changement Mondial et ses Implications pour la Recherche Interdisciplinaire," in Eduardo Portella, ed. *Entre Savoirs: L'interdisciplinarité en acte: en jeux, obstacles, perspectives*, Toulouse: Editions Eres. 1992.

"Consequences of War in the Middle East." *TBR Intelligence* Vol. 3, No. 2. 1991.

Co-author with Christopher Heye. "Simulation Models." *Energy* 15 (3/4): 363-78. 1990.

"The Reality of Theory: Reflections and Reassessment," in Joseph Kruzel and James Rosenau, eds., *Journeys Through World Politics: Autobiographic Reflections of Distinguished Scholars*. Lexington, Mass.: Lexington Books, 137-51. 1989.

Co-author with Robert C. North. "Lateral Pressure in International Relations: Concept and Theory," in Manus I. Midlarsky, ed. *Handbook of War Studies*. Winchester, Mass.: Unwin Hyman, Inc., 289-326. 1989.

"Demographics and Conflict." *Bulletin of the Atomic Scientists* 42 (4). 1986.

"Population, Resources, Technology, and Environment: Trends and Implications," in John Trent and Paul Lamy, eds. *Global Crises and the Social Sciences: North American Perspectives*. Ottawa: University of Ottawa Press/UNESCO. 1984.

"International Political Economy: A Theoretical Perspective," in Ole R. Holsti, Randolph M. Siverson, and Alexander L. George, eds. *Change in the International System*. Boulder, Colorado: Westview Press. 1980.

"Comments on Scientific Forecasts in International Relations." *International Studies Quarterly* Vol. 25; No. 1, March; pp. 145-149. 1979.

Chapters in co-edited volume, *Forecasting in International Relations: Theory, Methods, Problems, Prospects*. San Francisco: W. H. Freeman. 1978. Author of following chapters:
Chapter 1: "Key Issues in International Relations Forecasting"
Chapter 12: "Applications of Econometric Analysis to Forecasting in International Relations"
Chapter 13: "System Dynamics Forecasting in International Relations"
Chapter 21: "Alternative Futures: An Exercise in Forecasting" (with Marie Bousfield)

"International Non-Alignment: Quantitative Perspectives on the Afro-Asian Variant," in Michael Haas, ed. *International Systems: A Behavioral Approach*. San Francisco: Chandler Publishing Co., 123-50. 1974.

"Forecasting in International Relations: Problems and Prospects." *International Interactions* 1: 63-86. 1974.

Co-author with Robert C. North. "Population and the International System: Some Implications for the United States Policy and Planning." *Commission on Population Growth and the American Future; Research Reports* Vol. 4. 1974.

"Applications of Economic Analysis to Forecasting in International Relations." *Peace Science Society (International) Papers* 21: 15-38. 1973.

"International Conflict Processes: A System View," in *Beitrage zu Einer Ethik des Friedens*,

Vienna: Herder, 74-94. 1973.

With the research assistance of James P. Bennett. "Population, Resources, Technology: Political Implications of the Environmental Crisis," in David A. Kay and Eugene B. Skolnikoff, eds., *World Eco-Crisis: International Organizations in Response*. Madison: University of Wisconsin Press, 9-46. 1972.

Co-author with Robert C. North. "Background Conditions to the Outbreak of the First World War." *Peace Research Society (International) Papers IX*: 33-63. 1969.

Co-author with Robert C. North. "Causes of World War I: A Quantitative Analysis of Longer-Range Dynamics," in Klaus Jurgen Gentzel, Gisela Kress, and Volker Rittberger, eds., *Grossmachtrivalität und Weltkrieg: Sozialwissenschaftliche Studien zum Ausbruch des Ersten Weltkrieges und Historikerkommentare*, Gutersloh: Bertelsmann Universitätsverlag, 122-56. 1972.

Co-author with Robert C. North. "Dynamics of International Conflict: Some Policy Implications of Population, Resources, and Technology," in Raymond Tanter and Richard Ullman, eds. *Theory and Policy in International Relations*. Princeton: Princeton University Press, 80-122. 1972.

Collaboration with Robert C. North. "In Search of Peace Systems: Scandinavia and the Netherlands, 1870-1970," in Bruce Russett, ed. *Peace, War, and Numbers*. Berkeley: Sage Publications, 239-74. 1972.

Co-author with Robert C. North. "Determinants of International Violence." *Peace Research Society (International) Papers 12*: 33-63. 1969.

"The Perceptual Base of Nonalignment." *The Journal of Conflict Resolution* 13 (1): 57-73. 1969.

"The Nonalignment of Afro-Asian States." *Canadian Journal of Political Science* 2 (1): 1-17. 1969.

1.2 Population and Security

Chapter 1, "Mapping Sustainability" in Nazli Choucri et al., eds. *Mapping Sustainability: Knowledge e-Networking and the Value Chain*. New York: Springer Publishing Company, 9-36. 2007.

Chapter 20, "Conclusion: Mapping, Knowledge e-Networking and the Value Chain," in Nazli

Choucri et al., eds. *Mapping Sustainability: Knowledge e-Networking and the Value Chain*. New York: Springer Publishing Company, 429-445. 2007.

"Deprivations and Their Cures," in Sir N.N. Kittrie, et al. *The Seeds of True Peace: Responding to Discontents of a Global Community*. 2005.

"Governance and International Management," in Ted Munn, ed. *Encyclopedia of Global Environmental Change*. London: John Wiley and Sons. 2000.

"Demography, Migration, and Security in the Middle East," in Laura Guazzone, ed. *The Middle East in Global Change: The Politics and Economics of Interdependence versus Fragmentation*. New York: St. Martin's Press, Inc., 95-118. 1997.

Co-author with Robert C. North. "Population and (In)Security: National Perspectives and Global Imperatives," in David B. Dewitt, David Haglund, and John Kirton, eds. *Emerging Trends in International Security*, New York: Oxford University Press, 229-56. 1993.

"Resource Scarcity and National Security in the Middle East," in Eric H. Arnett, ed. *New Perspectives for a Changing World Order*. Washington, D.C.: American Association for the Advancement of Science, pp. 100-107. 1991.

Impacts and Prospects of Return Migration in the Middle East. Report for the International Labor Office, April 1990.

Co-author with Janet Welsh Brown, and Peter M. Haas. "Dimensions of National Security: the Case of Egypt," in Janet Welsh Brown, ed. *U.S. Interest: Resources, Growth, and Security in the Developing World*. Boulder, Colorado: Westview Press, 89-119. 1990.

"Migration in the Middle East: Old Economics or New Politics?" *Journal of Arab Affairs* 7 (1): 1-18. 1988.

"The Hidden Economy: A New View of Remittances in the Arab World." *World Development* 14 (6): 977-85. 1986.

"Asians in the Arab World." *Middle Eastern Studies* April 1986.

"Migration to the Middle East." *Middle East Review* Vol. XIX, No. 2 Winter 1986.

Co-author with M. Zaki Shafei. "Energy Policy in Egypt," *Extrait de l'Egypte Contemporaine*

LXXVeme Annee; No. 395, January 1984.

Assessments of Macroeconomic Impacts of Labor Migration and Remittances in Sudan. Cambridge, Mass.: MIT Technology and Development Program Report No. 84-4, July 1984.

Population Movements in the Middle East: An Analysis of Policy Issues. Cambridge, Mass.: MIT Technology and Development Program Report No. 84-5, 1984.

Co-author with Robert C. North. *Population and Conflict: New Dimensions of Population Dynamics*. New York: United Nations Fund for Population Activities. 1983.

Co-author with Peter Brecke. "Migration in the Middle East: Transformation and Change." *Middle East Review* Vol. XVI, No. 2; Winter 1983/1984.

Asians in the Arab World: Labor Migration and Public Policy. Cambridge, Mass.: MIT Technology Adaptation Program Report No. 83-13, December 1983.

Co-author with Supriya Lahiri. *Macro-Economic Impacts of Remittances in Egypt: An Exploratory Analysis*. Cambridge, Mass.: MIT Technology Adaptation Program Report No. 83-10, May 1983.

Collaboration with Peter Brecke. *Migration in the Middle East: Transformations, Policies, and Processes* 2 vols. Cambridge, Mass.: MIT Technology Adaptation Program Reports Nos. 83-8, 83-9, 1983.

"The Arab World in the 1980s: Macro-Politics and Economic Change." *Journal of Arab Affairs* 1 (1): 167-87, 1982.

"The Pervasiveness of Politics: Political Definitions of Population Issues," in *Ethical Issues of Population Aid*. Irvington Publishers, 239-85. 1981.

"Demographic Changes in the Middle East: New Factors in Regional Politics," in *The Political Economy of the Middle East - Changes Since 1973*. Washington, D.C.: Library of Congress, Congressional Research Service. 1979.

"Labor Transfers in the Arab World: Growing Interdependence in the Construction Sector." *Organization of Arab Petroleum Exporting Countries* Vol. 5, No. 1. 1979.

Co-author with Richard S. Eckaus, and Amr Mohie-Eldine. *Migration and Employment in the Construction Sector: Critical Factors in Egyptian Development*. Cambridge, Mass.: MIT

Technology Adaptation Program, October 1978.

"The Pervasiveness of Politics." *Populi* 5 (33): 30-44. 1978.

"An Assessment of Documentation Standards for Ten Computer Models of Political Problems," in *New Trends in Mathematical Modeling*. Wroclaw, Poland: Ossolineum, pp. 331-43. 1978.

Migration Processes Among Developing Countries: The Middle East. Cambridge, Mass.: MIT Migration and Development Study Group, C/78-5, May 1978.

"The New Migration in the Middle East: A Problem for Whom?" *International Migration Review* 11 (4): 421-43. 1977.

"Political Implications of Population Dynamics: A Critical Assessment." *The Population Debate: Papers of the World Population Conference*, Bucharest, 1974, vol. II, New York: United Nations. 1976.

"From Correlation Analysis to Computer Forecasting: The Evolution of a Research Programme in International Relations," in James N. Rosenau, ed. *In Search of Global Patterns*. New York: The Free Press, 81-90. 1976.

"Forecasting Sources of Foreign Expansion: An Inquiry into Alternative Futures," in Mario Bunge, Johan Galtung, and Mircea Malitza, eds. *Mathematical Approaches to International Relations* Vol. 2. Bucharest: Romanian Academy of Social and Political Sciences. 1975.

Co-author with W. Parker Mauldin, Frank W. Notestein, and Michael Teitelbaum. *A Report on Bucharest: The World Population Conference and the Population Tribune*, August 1974. A publication of the Population Council, Studies in Family Planning, December 1974.

Population Dynamics and Local Conflict: A Cross National Study of Population and War: A Summary. Cambridge, Mass.: MIT Center for International Studies, C/74-9, 1974.

"Population Dynamics and Social Inquiry: Some Methodological Imperatives," in Richard L. Clinton, ed. *Population and Politics*. Lexington, Mass.: Lexington Books. 1973.

Co-author with Robert C. North. "Population and the Future International System." *Journal of International Affairs* 25 (2): 224-37. 1971.

1.3. Energy, Resources, Technology

"Environment and Conflict: New Principles for Environmental Conduct." *Disarmament* XV (1): 67-78. 1992.

"Business and Reconstruction in the Middle East." *Business & the Contemporary World* 3 (3): 81-88. 1991.

"World Energy: Implications for Japan." *Toray Corporate Business Research Inc.* Vol. 2; No. 2; Spring 1990.

Co-author with, Christopher Heye, and Michael Lynch. "Analyzing Oil Production in Developing Countries: A Case Study of Egypt." *The Energy Journal* 11 (3). 1990.

"The Politicization of Technology Choices." *Business & the Contemporary World* vol. II (1). 1989.

"Domestic Energy Pricing: Trends and Implications for the Arab World." *The Journal of Energy and Development* 11 (1). 1986.

Co-author with Supriya Lahiri. "Short-Run Energy-Economy Interactions in Egypt." *World Development* 12 (8): 789-820. 1984.

"Energy for Survival and Development" *Pontificiae Academiae Scientiarum Scripta Varia*. Edited by Carlos Chagas and Umberto Colombo. June 11-14. 1984.

Co-author with M. Zaki Shafei, and with the collaboration of the Egyptian General Petroleum Corporation, the Ministry of Planning, and the Ministry of Petroleum. *The Energy Policy Project: Petroleum and Natural Gas in Egypt*. Cambridge, Mass.: MIT Technology Adaptation Program Report No. 83-11, June 1983.

"Energy and Development in Latin America." *Latin America and Caribbean Contemporary Record* Vol. II. 1983.

"Energy and Development: Understanding the Risks." *The MIT Report* Vol. XI; No. 9. September 1983.

"Energy and Transportation in Latin America: The Socio-economic Basis," in *The Impact of Energy Costs on Transportation in Latin America*, Inter-American Development Bank. November 1982.

- "International Changes in the World Oil Market: A Simulation Perspective." *International Political Science Review* Vol. 3, No. 4. Beverly Hills, CA: Sage Publications Inc. pp. 378-403. 1982.
- "Power and Politics in World Oil." *Technology Review* 85 (7): 24-36. 1980.
- "OPEC: Calming a Nervous World Oil Market." *Technology Review* 83 (1): 35-36. 1980.
- "The International Petroleum Exchange Model: Reference Results and Validation." *The International Petroleum Exchange Model. Futures*; June. 1980.
- "Analytical Specifications of the World Oil Market: A Review and Comparison of 12 Models." *Journal of Conflict Resolution* 23 (2): 346-72. 1979.
- Co-author with Richard S. Eckaus. "Interactions of Economic and Political Change: The Egyptian Case." *World Development* 7: 783-97. 1979.
- Co-author with Vincent Ferraro. "International Exchanges of Alternative Energy Sources: Technology, Price, and Management," in Dennis Clark Pirages, ed. *The Sustainable Society*. New York: Praeger Publishers, pp. 74-102. 1977.
- Co-author with David Scott Ross, and Dennis Meadows. "Toward a Forecasting Model of Energy Politics." *Journal of Peace Science* 1 (2): 97-111. 1976.
- "Energy Interdependence." *Volume II of Analyzing Global Interdependence*. by Hayward R. Alker, Jr., Lincoln P. Bloomfield, Nazli Choucri. Cambridge, Mass.: MIT Center for International Studies C/74-28. 1974.
- Co-author with Michael Laird, and Dennis Meadows. *Resource Scarcity and Foreign Policy: A Simulation Model of International Conflict*. Cambridge, Mass.: MIT Center for International Studies, C/72-9. March 1972.

II. GLOBAL ACCORD, ENVIRONMENT, AND SUSTAINABILITY

- "The Political Logic of Sustainability." in Egon Becker and Thomas Jahn, eds. *Sustainability and the Social Sciences*. New York: Zed Books. 1999.
- "Introduction." *Business & the Contemporary World, Special Issue: Global Environmental Accords: Implications for Technology, Industry and International Relations* vol. VI (2): 6-8. 1994.

- "Moving Forward: Priorities and Practicalities." *Business & the Contemporary World, Special Issue: Global Environmental Accords: Implications for Technology, Industry and International Relations* VI (2): 134-5. 1994.
- "Corporate Strategies toward Sustainability," in Winfried Lang, ed., *Sustainable Development and International Law*. Boston: Graham & Trotman/Martinus Nijhoff, pp. 189-201. 1994.
- "Political Economy of the Global Environment." *International Political Science Review* 14 (1): 103-16. 1993.
- "Environmentalism," in J. Krieger, ed. *Oxford Companion to Politics of the World*, New York: Oxford University Press. 1993.
- "Introduction: International Political Economy and the Global Environment." *International Political Science Review* Vol. 14, No. 1; pp. 5-6. 1993.
- Chapters in edited volume, *Global Accord: Environmental Challenges and International Responses*, Cambridge, Mass.: MIT Press. 1993. Author of the following chapters:
Chapter 1: "Introduction: Theoretical, Empirical, and Policy Perspectives"
Chapter 3: "Growth, Development, and Environmental Sustainability: Profile and Paradox" (with Robert C. North)
Chapter 6: "Multinational Corporations and the Global Environment"
Chapter 15: "Global Accord: Imperatives for the Twenty-first Century" (with Robert C. North)
- "Environment, Development, and International Assistance: Crucial Linkages," in Sheryl J. Brown and Kimber M. Schraub, eds. *Resolving Third World Conflict: Challenges for a New Era*. Washington, D.C.: United States Institute of Peace Press, pp. 91-117. 1992.
- "Environment and Conflict: New Principles for Environmental Conduct." *Disarmament* XV (1): 67-78. 1992.
- "The Politics of Global Environmental Change: A Conceptual Framework," in *United Nations, Advanced Technology Assessment System, Environmentally Sound Technology for Sustainable Development*. New York: United Nations Publications, pp. 230-34. 1992.
- "A Partnership with Nature: Construction Consortium for the Global Environment." *Construction Business Review* 1 (2): 37-41. 1991.

"The Global Environment and Multinational Corporations." *Technology Review* 94 (3): 52-9. 1991.

"Population and the Global Environment," in Jefferson W. Tester, David O. Wood, and Nancy A. Ferrari, eds., *Energy and the Environment in the 21st Century*. Cambridge, Mass.: The MIT Press. 1991.

III. CYBERPOLITICS and CYBERSPACE

Co-author with Farnaz Haghseta. Chapter 5 "Organizational Innovation" in Nazli Choucri et al., eds. *Mapping Sustainability: Knowledge e-Networking and the Value Chain*. New York: Springer Publishing Company, 97-112. 2007.

Co-author with Farnaz Hasgheta and Carlos Ortiz. Chapter 4. "Global e-Partnerships and Strategic Collaboration Workflow Strategy," in Nazli Choucri, et al., eds. *Mapping Sustainability: Knowledge e-Networking and the Value Chain*. New York: Springer Publishing Company, 77-94. 2007.

Co-author with Farnaz Hasgheta and Toufic Mezher. Chapter 3. "Global Workflow Strategy" in Nazli Choucri et al., eds. *Mapping Sustainability: Knowledge eNetworking and the Value Chain*. New York: Springer Publishing Company, 59-76. 2007.

Chapter 2. "Global Knowledge e-Networking Sustainability," in Nazli Choucri et al., eds. *Mapping Sustainability: Knowledge e-Networking and the Value Chain*. New York: Springer Publishing Company, 37-58. 2007

Co-author with Vincent Maugis, Stuart Madnick, Sharon Gillett, Harry Zhu, Farnaz Haghseta, Michael Best. "Global eReadiness for What?" *Information Technology for Development* Vol. 11, No. 4, 313-392. 2005.

Co-author with Stuart Madnick, and Michael Siegel. "Improving National and Homeland Security through Context Knowledge Representation Technologies," in R. Popp and J. Yen , eds. *21st Century Information Technologies and Enabling Policies for Counter Terrorism*. New York: John Wiley and Son, 139-164. 2005.

Co-author with Stuart Madnick, Michael Siegel, Allen Moulton, Harry Zhu. "Linkages between Pre- and Post-Conflict: Exploiting Information Integration and System Dynamics." *Proceedings of the 2005 IEEE Aerospace Conference*. Big Sky, Montana, March 5-12, 2005.

- "Knowledge Networking for Global Sustainability: New Modes of Cyberpartnering," in Deanna J. Richards, Braden R. Allenby and W. Dale Compton, eds. *Information Systems and the Environment*. Washington, D.C.: National Academy Press, 2000. 195-210.
- "Introduction: CyberPolitics in International Relations." in *International Political Science Review*, N. Choucri, ed., Issue Title *CyberPolitics in International Relations* 2000. 21, 3: 243-265.
- "Strategic Partnerships with Multilingual Functionality for Globalisation and Localisation," Prepared for European Commission Directorate-General Information Society Workshop on *Sustainability and Environment*. Publication of IST99 Conference in Helsinki, Finland. November 1999.
- Co-author with Gerard McHugh and Steven R. L. Millman. "Innovations in Cyberpartnering for Sustainability." *Care Innovation '98*: Proceedings, Second International Symposium, Brokerage Event and Environmental Exhibition, Vienna, Austria. November 1998.
- "Knowledge Networking for Technology 'Leapfrogging'." *UNDP Cooperation South*, Number Two, pp. 40-52. 1998.
- Co-author with Rebecca Berry. "Sustainability and Diversity of Development: Toward a Generic Model." Proceedings, The 1995 International System Dynamics Conference, Tokyo, Japan. July 1995.
- "Globalization of MIT: GSSD on the WWW." *MIT Faculty Newsletter* Vol. VIII, No. 1. October 1995.
- "Globalization of Eco-Efficiency: GSSD on the WWW." *UNEP Industry and Environment*. October-December 1995, pp. 45-49.