

## **BIBLIOGRAPHY**

- Abramson, Paul R., and Ron Inglehart. 1995. *Value Change in Global Perspective*. Ann Arbor: University of Michigan Press.
- Adam, Herrbert, and Kogila Moodley. 1993. "Forecasting Scenarios for South Africa." *FUTURES* 25: 404-413.
- Adelman, Irma and Cynthia Taft Morris. 1973. *Economic Growth and Social Equity in Developing Countries*. Stanford, CA: Stanford University Press.
- Adelman, Irma, and Sherman Robinson. 1978. *Income Distribution Policy in Developing Countries: A Case Study of Korea*. Stanford, California: Stanford University Press.
- Alesina, Alberto, and Roberto Perotti. 1993. "Income Distribution, Political Instability, and Investment." NBER Working Paper 4486.
- Alesina, Alberto, and Dani Rodrik. 1991. "Distributive Politics and Economic Growth." NBER Working Paper w3668.
- Anderson, Walter Truitt. 1990. *Reality Isn't What It Used To Be*. New York: Harper and Row.
- Andrews, Cecile. 1997. *The Circle of Simplicity: Return to the Good Life*. New York: Harper Collins.
- Appleyard, Bryan. 1998. *Brave New Worlds: Staying Human in the Genetic Future*. New York: Viking.
- Ausubel, Jesse. 1994. "Technical Progress and Climatic Change". 1994. In *Integrated Assessment of Mitigation, Impacts, and Adaptation to Climate Change*, N. Nakicenovic, W.D. Nordhaus, R. Richels, and F.L. Toth, eds., International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Ausubel, Jesse, David G. Victor, and Iddo K. Wernick. 1995. "The Environment Since 1970." In *Consequences*, Volume 1, Number 3.
- Ayers, Robert U. 1968. *Transportation: Technology and Urban Environmental Quality Considerations*. Croton-on-Hudson, New York: Hudson Institute.
- Ayers, Robert U. 1992. "Toward a non-linear dynamics of technological progress." *Journal of Economic Behavior and Organization*. 24: 35-69.
- Ayers, Robert U. and Steven M. Miller. 1980. "The Role of Technological Change." *Journal of Environmental Economics and Management* 7: 353-371.
- Baker, Dean. 1996. "The Inflated Case Against the CPI." *Electronic Policy Network*. <http://epn.org/prospect/24>.

Bannock, Graham, R.E. Baxter and Evan Davis. 1992. *Dictionary of Economics*. Fifth Edition. New York: Penguin Books.

Barber, Benjamin. 1996. *Jihad vs McWorld*. New York: Times Books.

Barlow, Maude, and Tony Clarke. 1998. *The Multilateral Agreement on Investment (MAI) and the Threat to American Freedom*. Toronto: Stoddart.

Barney, Gerald O. 1980. *The Global 2000 Report to the President of the United States*. New York: Pergamon Press.

Becker, Gary S. 1993. *Human Capital: a theoretical and empirical analysis with special reference to education*. Chicago: University of Chicago Press.

Becker, Gary S. and Kevin M. Murphy. 1993. "The Division of Labor, Coordination Costs, and Knowledge," in Gary S. Becker, *Human Capital*. Chicago: University of Chicago Press.

Begley, Sharon. 1998. "Designer Babies." *Newsweek*. November 9.

Bello, Walden. 1998. "The End of the Asian Miracle." *The Nation*. 16-21.

Benabou, Roland. 1996. "Inequality and Growth." Syracuse, New York: Syracuse University Luxembourg Income Study.

Berger, Suzanne, and Ronald Dore, eds. 1996. *National Diversity and Global Capitalism*. Ithaca, NY: Cornell University Press.

Bergstrand, J.H., T.F. Cosimano, J.W. Houck and R.G. Sheehan, eds. 1994. *The Changing Distribution of Income in an Open U.S. Economy*. New York: North-Holland.

Berlin, Kenneth, and Jeffrey M. Lang. 1996. "Trade and the Environment," in *New Forces in the World Economy*, edited by Brad Roberts. 157-174. Cambridge, MA: MIT Press.

Berman, Eli, John Bound, and Zvi Griliches. 1993. "Changes in the Demand For Skilled Labor within U.S. Manufacturing Industries: Evidence from the Annual Survey of Manufacturing." *NBER Working Paper* 4255.

Bernauer, Thomas. 1995. "The Effect of International Environmental Institutions: How We Might Learn More." *International Organization* 49.

Berry, Albert, Francois Bourguignon, and Christian Morrison. 1991. "Global Economic Inequality and Its Trends Since 1950." In *Economic Inequality and Poverty: international perspectives*, edited by Lars Osberg. Armonk, New York: M.E. Sharpe.

Bessant, John, and Sam Cole. 1985. *Stacking the Chips: information technology and the distribution of income*. Totowa, New Jersey: Rowman & Allanhead.

Binmore, Ken. 1990. *Essays on the Foundations of Game Theory*. Cambridge, MA: Basil Blackwell Inc.

Blinder, Alan S. 1974. *Toward an Economic Theory of Income Distribution*. Cambridge, Massachusetts: The MIT Press.

Block, Ned, Owen J. Flanagan and Güven Güzeldere, eds. 1997. *The Nature of Consciousness: Philosophical Debates*. Cambridge, Massachusetts: The MIT Press.

Bonnicksen, Andrea. 1997. "Fetal Motherhood: Towards a Compulsion to Generate Lives?" *Cambridge Quarterly of Healthcare Ethics*: 19-30.

Boskin, Michael et al. 1996. *Toward a More Accurate Measure of the Cost of Living*. Final Report to the Senate Finance Committee from the Advisory Commission to Study the Consumer Price Index. Office of Senate Finance. Washington, D.C.

Bound, John, and George Johnson. 1992. "Changes in the Structure of Wages in the 1980's: An Evaluation of Alternative Explanations." *American Economic Review* 82: 371-392.

Breslow, Mark. 1996. "Is the U.S. Making Progress?" *Dollars and Sense*. 16-21.

Brinkman, Richard I. 1980. "Mankind at the Starting Point." *Journal of Economic Issues* XIV. 567-582.

Brown, Christopher. 1995. "International Political Theory and the Idea of World Community," in *International Relations Theory Today*, edited by Ken Booth and Steve Smith. 90-109. University Park, Pennsylvania: Pennsylvania State University Press.

Bruce, James P., Hoesung Lee, and Erik F. Haites. 1996. "Climate Change 1995: Economic and Social Dimensions of Climate Change. Report of Working Group III." New York: Intergovernmental Panel on Climate Change.

Buchanan, Patrick. 1997. Quoted in Anne-Marie Slaughter, 1997, p 192. "The Real New World Order." *Foreign Affairs*: Vol 76 No.5.

California Institute of Technology, RAND, and World Resources Institute. 1997. "Hyperforum Scenarios on Sustainability." [www.hf.caltech.edu/HF](http://www.hf.caltech.edu/HF).

Calvin, William H. 1993. "Cautions on the Superhuman Transition." *Whole Earth Review* Winter 93.

Canadian Royal Commission on New Reproductive Technologies. 1993. *Proceed with Care: Final Report of the Royal Commission on New Reproductive Technologies*. 2 vols. Ottawa: Minister of Government Services.

Center for Arab Unity Studies. 1991. *The Future of the Arab Nation: Choices and Options*. London: Routledge.

Cerny, Philip G. 1995. "Globalization and the changing logic of collective action." *International Organization* 49: 595-625.

Cha, K.Y., J.J. Koo, J.J. Ko, D.H. Choi, S.Y. Han, and T.K. Yoon. 1991. "Pregnancy after *In vitro* Fertilization of Human Follicular Oocytes Collected from Non-stimulated Cycles, Their

Culture *in vitro* and their Transfer in a Donor Oocyte Program,” *Fertility and Sterility* 55. 109-13.

Chalmers, David. 1996. *The Conscious Mind: In Search of a Fundamental Theory*. London: Oxford University Press.

Chenery, Hollis, Montek S. Ahluwalia, C.L.G. Bell, John H. Duloy, and Richard Jolly. 1974. *Redistribution with Growth*. London: Oxford University Press.

Chichilnisky, Graciela and Sam Cole. 1978. “A model of technology, distribution and North-South relations.” *Technological Forecasting and Social Change*, 13.

Cline, William R. 1992. *The Economics of Global Warming*. Washington, DC: Institute of International Economics.

Cline, William R. 1997. *Trade and Income Distribution*. Washington DC: Institute for International Economics.

Coates, Joseph F., John B. Mahaffie, and Andy Hines. 1997. *2025: Scenarios of US and Global Society Reshaped by Science and Technology*. Greensboro, NC: Oakhill Press.

Cobb, Clifford, Ted Halstead and Jonathan Rowe. 1995. “The Genuine Progress Indicator: Summary of Data and Methodology.” San Francisco: Redefining Progress.

Cohen, Joel. 1995. *How Many People Can The Earth Support?* New York: W.W. Norton.

Cole, H.S.D., Christopher Freeman, Marie Jahoda, K.L.R. Pavitt, eds. 1973. *Models of Doom: A Critique of The Limits to Growth*. New York: Universe Books.

Cole, Sam and Henry Lucas, eds. 1979. *Models, Planning and Basic Needs*. New York: Pergamon Press.

Cole, Sam and Ian Miles. 1984. *Worlds Apart: Technology and North-South Relations in the Global Economy*. Totowa, NJ: Rowman & Allanheld.

Coleman, Andrew M. 1982. *Game Theory and Experimental Games: The study of strategic interaction*. Oxford: Pergamon Press.

Colin, Norman. 1983. “Clerics Urge Ban on Altering Germline Cells.” *Science* 220: 1360-1361.

Cooke, Robert. 1998. “Pushing a Human Limit: Gene therapy that could affect future generations, too,” in *Newsday*, August 30. Long Island, New York.

Council of Economic Advisors, 1995. *Economic Report of the President*. Washington, D.C.: U.S. Government Printing Office.

Cowan, George A., David Pines, and David Meltzer, eds. 1994. *Complexity: Metaphors, Models, and Reality*. Sante Fe Institute Proceedings Vol XIX. Reading, PA: Addison-Wesley.

Cowell, Frank A. 1995. *Measuring Inequality*. 2<sup>nd</sup> Edition. New York: Prentice-Hall.

Criswell, David R. 1985. "Solar System Industrialization: Implications for Interstellar Migrations," in Ben R. Finney and Eric M. Jones, eds., *Interstellar Migration and the Human Experience*. Berkeley: University of California Press.

Dacyczyn, Amy. 1993. *The Tightwad Gazette: Promoting Thrift as a Viable Alternative Lifestyle*. New York: Random House.

Daly, Herman E. and John B. Cobb, Jr. 1989. *For the Common Good: Redirecting the economy toward community, the environment, and a sustainable future*. Boston: Beacon Press.

Danziger, Sheldon, and Peter Gottschalk. 1993. *Uneven Tides: Rising Inequality In America*. New York: Russell Sage Foundation.

Danziger, Sheldon, and Peter Gottschalk. 1995. *America Unequal*. Cambridge, Massachusetts: Harvard University Press.

Das Gupta, Partha, and Geoffrey Heal. 1974. "The Optimal Depletion of Exhaustible Resources." *Review of Economic Studies* Vol 41: 3-27.

Davis, Morton. 1970. *Game Theory: A nontechnical introduction; Revised Edition*. New York: Basic Books, Inc.

Davison, Aidan, Ian Barns, and Renato Schibeci. 1997. "Problematic Publics: A Critical Review of Surveys of Public Attitudes to Biotechnology." *Science, Technology and Human Values* 22: 317-348.

de Santis, Hugh. 1996. *Beyond Progress: An interpretative odyssey to the future*. Chicago: Chicago University Press.

Deininger, Klaus, and Lyn Squire. 1996 (a). "A New Data Set Measuring Income Inequality." *The World Bank Economic Review* 10: 565-592. The full spreadsheet data set can be downloaded from [www.worldbank.org/research/growth/dddeisqu.htm](http://www.worldbank.org/research/growth/dddeisqu.htm).

Deininger, Klaus, and Lyn Squire. 1996 (b). "New Ways of Looking at Old Issues: Inequality and Growth." Washington, D.C.: The World Bank Policy Research Department.

Dervis, Kemal, Jaime De Melo, and Sherman Robinson. 1982. *General Equilibrium Models for Development Policy*. New York: Cambridge University Press.

DeVore, Paul W. 1980. *Technology: An Introduction*. Worcester, Mass: Davis Publications.

Drexler, K. Eric. 1986. *Engines of Creation: The Coming Era of Nanotechnology*. New York: Anchor Books/Doubleday.

Drexler, Eric. 1987. "Nanotechnics and Civilization." *Whole Earth Review* Spring 1987.

Drexler, K. Eric. 1992. *Nanosystems: Molecular Machinery, Manufacturing and Computing*. New York: John Wiley & Sons.

- Dyson, Freeman. 1988. *Infinite in All Directions*. New York: Harper & Row.
- Dyson, Freeman. 1997. *Imagined Worlds*. New York: Harper & Row.
- Easterbrook, Greg. 1995. *A Moment on the Earth*. New York: Viking.
- Easterlin, Richard A. 1995. "Will Raising the Incomes of All Increase the Happiness of All?" *Journal of Economic Behavior and Organization*. #1. June. 27: 35-47.
- The Economist. 1992. "Changing Your Genes." April 25: 11-12.
- The Economist. 1995. "Forward to Methusala." January 7: 65-68.
- The Economist. 1997. "Bearing the Weight of the Market." December 6: 88-89.
- Edelman, Gerald M. 1992. *Bright Air, Brilliant Fire: on the matter of the mind*. New York: Basic Books.
- Ehrlich, Paul R., Anne H. Ehrlich, and Gretchen C. Daily. 1995. *The Stork and The Plow: The Equity Answer to the Human Dilemma*. New York: G.P. Putnam's Sons.
- Einstein, David. 1996. "Physicist Hawking Focusing on Life." *San Francisco Chronicle*. Saturday, April 13, p D1.
- Ekins, Paul, Mayer Hillman and Robert Hutchison. 1992. *The Gaia Atlas of Green Economics*. New York: Doubleday.
- Elgin, Duane. 1981. *Voluntary Simplicity: Towards a Life that is Outwardly Simple, Inwardly Rich*. New York: Morrow.
- Elgin, Duane S., David C. MacMichael, and Peter Schwartz. 1975. *Alternative Futures for Environmental Policy Planning: 1975-2000*. Palo Alto: Stanford Research Institute.
- El-Issawy, I.H. 1993. "The Future of the Arab Nation - A Critical Review of the Perspective Study Carried Out by the Center for Arab Unity Studies." *Arab Economic Journal* Vol.1, 1993.
- Energy Modeling Forum 12, 1995. John Weyant, coordinator. Palo Alto: Stanford University.
- Energy Modeling Forum. 1995. "Demographic, Economic and Energy Assumptions." Palo Alto: Stanford University.
- Energy Modeling Forum 14. 1996. John Weyant, coordinator. Palo Alto: Stanford University.
- Esty, Daniel. 1994. *Greening the GATT: Trade, Environment and the Future*. Washington, DC: Institute for International Economics.
- The ETC Group. 2002. *The Big Down: Atomtech Technologies Converging at the Nano-Scale*. Manitoba, CA. [www.etcgroup.org](http://www.etcgroup.org)
- Ettinger, Robert. 1964. *The Prospect of Immortality*. New York: Doubleday.

- Etzioni, Amatai. 1998. "Voluntary Simplicity: Characterization, select psychological implications, and societal consequences." *Economic Psychology* 19, pp 616-643.
- Eubank, Jonathan. 1998. Letter to *Nature* [re: James Watson]
- Evans, Peter. 1997. "The Eclipse of the State? Reflections on Stateness in an Era of Globalization." *World Politics* 50: 62-87.
- Farrell, Christopher, Michael Mandel, and Joseph Weber. 1995. "Riding High," *Business Week*, October 9. 134-146.
- Federal Reserve Bank of New York. 1994. Cited in Theodore Hershberg, 1997, "New Standards in Education: Meeting America's Human Capital Development Challenge." *Education Week*, Vol. XVII, Number 16, December 10.
- Fehilly, Carole B., Steen M. Willadsen, and Elizabeth M. Tucker. 1984. "Interspecific Chimerism Between Sheep and Goat." *Nature*: 634-636.
- Felix, David and Ranjit Sau. 1996. "Revenue Raised by the Tobin Tax." In Mahbub ul Haq et al., ed, 1996. *The Tobin Tax: Coping with Financial Volatility*. New York: Oxford University Press.
- Feynman, Richard. 1960. "Plenty of Room at the Bottom." *Engineering and Science* 23.
- Fiddler, Morris, and Eugene Pergament. 1996. "Germline Gene Therapy: It's Time is Near." *Molecular Human Reproduction* 2: 75-76.
- Finney, Ben R., and Eric M. Jones, eds. 1985. *Interstellar Migration and the Human Experience*. Berkeley, CA: University of California Press.
- Fischer, Ronald D., and Pablo J. Serra. 1996. "Income Convergence Within and Between Countries." *International Economic Review* 37: 531-551.
- Fischer, Stanley. 1988. "Symposium on the Slowdown in Productivity Growth." *Journal of Economic Perspectives* 2: 3-7.
- Fishman, Rachel. 1993. "Patenting Human Beings: Do Sub-Human Creatures Deserve Constitutional Protection?" *American Journal of Law and Medicine* XV: 461-482.
- Fletcher, Joseph. 1988. *The Ethics of Genetic Control: Ending Reproductive Roulette*. New York: Prometheus Books.
- Fletcher, John, and W. French Anderson. 1992. "Germ-line Gene Therapy: a new stage of debate." *Law, Medicine and Healthcare* 20: 26-39.
- Fletcher, John C., and Gerd Richter. 1996. "Human Fetal Gene Therapy: Moral and Ethical Questions." *Human Gene Therapy* 7: 1605-1614.
- Forbes. 1995. "America's Highest Paid Bosses." May 22.

- Frank, Robert H., and Philip J. Cook. 1995. *The Winner-Take-All Society*. New York: The Free Press.
- Frankel, Jeffrey. 1996. "How Well Do Markets Work: Might a Tobin Tax Help?" In *The Tobin Tax: Coping with Financial Volatility*, M. ul Haq, I. Kaul and I. Grunberg, eds. 41-82. New York: Oxford University Press.
- Freeman, Christopher Jahoda, Marie. 1978. *World Futures: The Great Debate*. New York: Universe Books.
- Fukuyama, Francis. 1992. *The End of History and the Last Man*. New York: The Free Press.
- The George H. Gallup International Institute. 1992. *Health of the Planet Survey*. Princeton, New Jersey:
- Galor, O., and J. Zeira. 1993. "Income Distribution and Macroeconomics." *Review of Economic Studies* 60: 35-52.
- Gelehrter, Thomas, Francis Collins, and David Ginzburg. 1998. *Principles of Medical Genetics*. 2<sup>nd</sup> Edition. Baltimore: Williams & Wilkins.
- Georgescu-Roegen, Nicolai. 1971. *The Entropy Law and the Economic Process*. Cambridge: Harvard University Press.
- Gershenfeld, Neil. 1999. *When Things Start to Think*. New York: Henry Holt.
- Giddens, Anthony. 1990. *The Consequences of Modernity*. Cambridge: Polity Press.
- Gingrich, Newt. 1995. *To Renew America*. New York: Harper Collins.
- Glenn, Jerome and Theodore Gordon. 1997. *State of the Future 1997*. Washington, DC: American Council for the United Nations University.
- Goldenweiser, A.A. 1936. "Loose Ends of a Theory of the Individual: Pattern and Involution in Primitive Society," in *Essays in Anthropology*, R.H. Lowie, ed. 99-104. Berkeley, CA: University of California Press.
- Goldstein, Alan. 1995. "Info highway on 'fast forward'." *San Francisco Examiner*. A15. San Francisco, CA.
- Gomulka, Stanislaw. 1990. *The Theory of Technological Change and Economic Growth*. New York: Routledge.
- Goodland, Robert. 1991. "The Case That the World Has Reached Limits." In Robert Goodland, Herman Daly and Salah El Sarafy, editors, *Environmentally Sustainable Economic Development: Building on Brundtland* [Environment Working Paper No. 46] Washington, D.C.: World Bank, July. pp 5-11
- Gormely, Patrick. 1996. "The Human Development Index in 1994: Impact of Income on Country Rank." *Journal of Economic and Social Measurement* 21: 253-267.

- Gottschalk, Peter, and Timothy M. Smeeding. 1996. *Cross-National Comparisons of Levels and Trends in Inequality (revised)*. Working Paper No. 126. Syracuse, New York: Syracuse University/Luxembourg Income Study.
- Gramlich, Edward M., Richard Kasten, and Frank Sammartino. 1993. "Growing Inequality in the 1980s: The Role of Federal Taxes and Cash Transfers." In Sheldon Danziger and Peter Gottschalk, eds., *Uneven Tides: Risking Inequality in America*. 1993. New York: Russell Sage Press. pp 225-250.
- Gregg, Richard. 1936. *The Value of Voluntary Simplicity*. Wallingford, Pa: Pendle Hill.
- Greider, William. 1997. *One World, Ready or Not*. New York: Simon & Schuster.
- Griliches, Zvi. 1988. "Productivity Puzzles and R&D: Another Nonexplanation." *Journal of Economic Perspectives* 2: 9-21.
- Gross, David and Edward Witten. 1996. "The Frontier of Knowledge." Opinion Editorial. *The Wall Street Journal*. 12 July 1996.
- Grossman, Gene M. and Elhanan Helpman. 1993. *Innovation and Growth in the Global Economy*. Cambridge, MA: MIT Press.
- Grossman, Gene M., Elhanan Helpman. 1994. "Endogenous Innovation in the Theory of Growth." *Journal of Economic Perspectives* 8: 23-44.
- Group of Eight. 1997. "Executive Summary of Finance Ministers Report: New measures urged to promote global financial stability." [www.summit8.gov/exec.htm](http://www.summit8.gov/exec.htm).
- Gundlach, and Nunnenkamp. 1996. "Some Consequences of Globalization for Developing Countries." Kiel Working Paper 756, Institut für Weltwirtschaft. <http://ssrn.com/abstract=1471>
- Haas, Peter M., Robert O. Keohane and Marc A. Levy. 1003. *Institutions for the Earth: Sources of Effective International Environmental Protection*, MIT Press, Cambridge, Mass.
- Hacker, Andrew. 1997. *Money: Who Has How Much and Why*. New York: Scribner.
- Hafele, Wolf. 1981. *Energy in a Finite World: Paths to a Sustainable Future*. Cambridge, MA: Ballinger Publishing Co.
- Hall, Peter. 1994. *Innovation, Economics and Evolution: Theoretical Perspectives on Changing Technology in Economic Systems*. New York: Simon & Schuster.
- Hall, Stephen. 1997. *A Commotion in the Blood*. New York: Holt.
- Hallman, W., and J. Metcalfe. 1995. "Public Perceptions of Agricultural Biotechnology: a Survey of New Jersey Residents." Ecosystem Policy Research Center: Rutgers State University of New Jersey.

- ul Haq, Mahbub, Inge Kaul, and Isabelle Grunberg, ed. 1996. *The Tobin Tax: coping with financial volatility*. New York: Oxford University Press.
- Harding, Ann. 1993. *Lifetime Income Distribution and Redistribution: Applications of a Microsimulation Model*. New York: North-Holland.
- Harrison, Bennett, and Barry Bluestone. 1988. *The Great U-Turn: corporate restructuring and the polarization of America*. New York: Basic Books.
- Harte, John. 1988. *Consider a Spherical Cow*. Mill Valley, CA: University Science Books.
- Haveman, Robert H. 1994. "The Changing Distribution of Income in an Open U.S. Economy: Findings and Lessons." in *The Changing Distribution of Income in an Open U.S. Economy*, edited by Jeffrey H. Bergstrand. New York: North-Holland.
- Hawken, Paul, James Ogilvy, Peter Schwartz. 1982. *Seven Tomorrows*. New York: Bantam Books.
- Heston, Alan, Robert Summers and Bettina Aten, *Penn World Table Version 6.1*, Center for International Comparisons at the University of Pennsylvania (CICUP), October 2002.
- Hayes, Brian. 1993. "Balanced On A Pencil Point." *American Scientist* 81: 510-516.
- Hayes, Brian. 1996. "The End of Science Writing?" *American Scientist* 84 no. 5, September-October.
- Hayes, Kathy J., Daniel J. Slottje, Michael Nieswiadomy, Michael Redfearn, and Edward N. Wolff. 1994. "Productivity and Income Inequality Growth Rates in the United States." In *The Changing Distribution of Income in an Open U.S. Economy*, J. H. Bergstrand, ed. New York: North-Holland.
- Hayes, Richard A. 1996. *An Extension of Cline's Global Warming Benefit-Cost Model*. M.A. Thesis. Energy and Resources Group, University of California at Berkeley.
- Heilbroner, Robert L. 1974. *An Inquiry into the Human Prospect*. New York: W.W. Norton.
- Heilbroner, Robert. 1993. *21st Century Capitalism*. New York: W.W. Norton & Co.
- Heilbroner, Robert. 1995. *Visions of the Future*. New York: Oxford University Press.
- Held, David. 1995. *Democracy and the Global Order: from the modern state to cosmopolitan governance*. Stanford, CA: Stanford University Press.
- Held, David. 1997. "Democracy and Globalization." [www.mpi-fg-koeln.mpg.de/publikation/working\\_papers/wp97-5\\_e/wp97-5\\_e.html](http://www.mpi-fg-koeln.mpg.de/publikation/working_papers/wp97-5_e/wp97-5_e.html).
- High Performance Systems. 1994. *Introduction to Systems Thinking: A Guide to the Stella Modeling Software*. [High Performance Systems is now ISEE Systems Inc.: [www.iseesystems.com](http://www.iseesystems.com)]

Hinderaker, John H., and Scott W. Johnson. 1996. "Income, Inequality and Work." *The American Enterprise* 7: 35-40.

Hinrichs, Roger A. 1996. *Energy: Its Use and the Environment*. New York: Saunders College Publishing.

Hirsh, Fred. 1976. *The Social Limits to Growth*. Cambridge: Harvard University Press.

Hirst, Paul, and Grahame Thompson. 1996. *Globalization in Question: the international economy and the possibilities of governance*. Cambridge: Polity Press.

Hoban, T. J. 1997. "Consumer Acceptance of Biotechnology: An International Perspective." *Nature Biotechnology*. Vol 15 March 7. 232-34.

Holdren, John P. 1995. Energy and Resources 200 course handout: "Recent World Energy and Economic Data." October. University of California at Berkeley.

Holdren, John P. 1996. "World Energy Future." Unpublished spreadsheet calculations, April 30. Energy and Resources Group. University of California at Berkeley.

Holdren, John P. and Paul R. Ehrlich. 1971. *Global Ecology: Readings Toward a Rational Strategy for Man*. New York: Harcourt, Brace, Jovanovich.

Holm, Hans-Henrik, and Georg Sorensen. 1995. *Whose World Order? Uneven Globalization and the End of the Cold War*. Boulder: Westview Press.

Holton, Gerald. 1962. "Scientific Research and Scholarship: Notes Toward the Design of Proper Scales." *Daedalus*. Vol 91 No.62 (Spring).

Horgan, John. 1995. "From Complexity to Perplexity." *Scientific American*, June 1995. 104-109.

Horgan, John. 1996. *The End of Science: Facing the Limits of Knowledge in the Twilight of the Scientific Age*. New York: Helix Books/Addison-Wesley.

Hughes, Jay. 1995. "Embracing Change with All Four Arms." [www.changesurfer.com/Hlth/Genetech.html](http://www.changesurfer.com/Hlth/Genetech.html).

Huntington, Samuel P. 1996. *The Clash of Civilizations and the Remaking of World Order*. New York: Simon & Schuster.

Hutton, Will. 1994. "Markets threaten life and soul of the party." *The Guardian*. Jan. 4, p 13.

Inayatullah, Sohail. 1992. "The Futures of South Asia." *FUTURES* 24: 851-955.

Inglehart, Ron, and Paul Abramson. 1995. *Value Change in Global Perspective*. Ann Arbor: University of Michigan Press.

Intergovernmental Panel on Climate Change. 1994. *Climate Change 1994: Radiative Forcing of Climate Change and an Evaluation of the IPCC IS92 Emission Scenarios*. New York: Cambridge University Press.

Intergovernmental Panel on Climate Change. 1994. *An Evaluation of the IPCC IS92 Emission Scenarios*. New York: Cambridge University Press.

Intergovernmental Panel on Climate Change. 1996. *Climate Change 1995: Economic and Social Dimensions of Climate Change*. New York: Cambridge University Press.

International Energy Agency. 2002. *World Energy Outlook 2002*. Paris, France.

Intergovernmental Panel on Climate Change. 1996. *Climate Change 1995: Impacts, Adaptations and Mitigation of Climate Change; Scientific-Technical Analysis*. New York: Cambridge University Press.

Intergovernmental Panel on Climate Change. 2001. *Third Assessment Report – Climate Change 2001*. New York: Cambridge University Press.

International Institute for Applied Systems Analysis (IIASA). 1995. *Implementation and Effectiveness of International Environmental Commitments*. Laxenburg, Austria.

International Institute for Applied Systems Analysis/World Energy Council. 1995. “Global Energy Perspectives to 2050 and Beyond.” Laxenburg, Austria.

Irvin, David R. 1993. “Technology Forecasters: Soothsayers or Scientists?” *IEEE Science & Technology Magazine*. Spring 1993.

Johansson, Thomas B., Henry Kelly, Amulya K.N. Reddy, Robert H. Williams, ed. 1993. *Renewable Energy: Sources for Fuels and Electricity*. Washington, DC: Island Press.

Johnson, Warren. 1979. *Muddling Toward Frugality: A Blueprint for Survival in the 1980's*. Boulder: Shambala.

Jones, Charles L. 1995a. “Time Series Tests of Endogenous Growth Models.” *Quarterly Journal of Economics*: 495-525.

Jones, Charles L. 1995b. “R&D -Based Models of Economic Growth.” *Journal of Political Economy*: 759-784.

Jones, R.J. Barry. 1995. *Globalisation and Interdependence in the International Political Economy: Rhetoric and Reality*. New York: Pinter.

Jorgenson, Dale. 1988. “Productivity and Postwar U.S. Economic Growth.” *Journal of Economic Perspectives* 2: 23-41.

Jorgenson, Dale W., Mun S. Ho, Kevin J. Stiroh. 2003. “Lessons from the U.S. Growth Resurgence.” Paper prepared for the First Annual Conference on the Economic and Social Implications of Information Technology, U.S. Dept. of Commerce, Jan. 27-28, 2003.

Kahn, Herman. 1979. *World Economic Development: 1979 and Beyond*. New York: Morrow Quill.

Kahn, Herman and Anthony Wiener. 1967. *The Year 2000: A Framework for Speculation on the Next Thirty-Three Years*. New York: MacMillan.

Kahn, Herman, William Brown and Leon Martel. 1976. *The Next 200 Years: A Scenario for America and the World*. New York: William Morrow and Company.

Kaku, Michio. 1997. *Visions: How Science Will Revolutionize the 21st Century*. New York: Doubleday.

Kapstein, Ethan B. 1996. "Governing Global Finance." In *New Forces in the World Economy*, Brad Roberts, ed. 31-362. Cambridge, MA: MIT Press.

Karni, Edi, and Itzhak Zilcha. 1994. "Technological Progress and Human Inequality: A Model with Human Capital and Bequests." In *The Changing Distribution of Income in an Open U.S. Economy*, edited by J. H. Bergstrand. New York: North Holland.

Kauffman, Stuart. 1995. *At Home in the Universe: The Search for Laws of Self-Organization and Complexity*. New York: Oxford University Press.

Kaul, Inge, and John Langmore. 1996. "Potential Uses of the Revenue from a Tobin Tax." In *The Tobin Tax: coping with financial volatility*, Mahbub ul Haq, Inge Kaul, Isabelle Grunberg, eds. 55-272. New York: Oxford University Press.

Kaus, Mickey. 1992. *The End of Equality*. New York: Harper Collins.

Kelly, Kevin. 1994. *Out of Control: The Rise of Neo-Biological Civilization*. New York: Addison-Wesley.

Kempton, Willet, James S. Boster, and Jennifer A. Hartley. 1995. *Environmental Values in American Culture*. Cambridge, MA: MIT Press.

Kennedy, Paul. 1993. *Preparing for the Twenty-First Century*. New York: Random House.

Keohane, Robert O. 1995. "Hobbes's Dilemma and Institutional Change in World Politics: Sovereignty in International Society." In *Whose World Order? Uneven Globalization and the End of the Cold War*, Hans-Henrik Holm and Georg Sorensen, eds. 165-186 Boulder: Westview Press.

Kimbrell, Andrew. 1993. *The Human Body Shop*. San Francisco: HarperSanFrancisco.

King, David. 1998. "Technologies which may contribute to human genetic engineering and eugenics: a summary." November 1998. Prepared for the UC Berkeley Workshop on the New Human Genetic Technologies.

Klaassen, H. L., G. Ooms, J. Paelinck, W. Willemsen. 1980. "A Study of the Formal Structure of J.W. Forrester's World Dynamics Model." *Ecological Modeling* 8: 259-274.

Kleinknecht, Alfred. 1996. *Determinants of Innovation: The Message from New Indicators*. Houndmills (Eng): Macmillan Press

- Kleinknecht, Alfred, and Donald Bain, eds. 1993. *New Concepts in Innovation Output Measurement*. New York: St. Martins Press.
- Kluegel, James R., and Elliot R. Smith. 1986. *Beliefs about Inequality: Americans' Views of What Is and What Ought to Be*. New York: Aldine de Gruyter.
- Kolata, Gina. 1998. *Clone: The Road to Dolly and the Path Ahead*. New York: William Morrow.
- Krimsky, Sheldon. 1991. *Biotechnics and Society: The Rise of Industrial Genetics*. New York: Praeger.
- Krueger, Alan B. 1993. "How Computers Have Changed the Wage Structure: Evidence from Microdata, 1984-1989." *The Quarterly Journal of Economics* February 33-60.
- Krugman, Paul. 1994. *The Age of Diminished Expectations*. Cambridge, Massachusetts: MIT Press.
- Krugman, Paul. 1997. "All Work and No Play Makes William Greider a Dull Boy". *Slate*. January 4. <http://slate.msn.com/id/1916/>
- Kurzweil, Ray. 1999. *The Age of Spiritual Machines: When Computers Exceed Human Intelligence*. New York: Viking.
- Kuznets, Simon. 1955. "Economic Growth and Income Inequality." *American Economic Review* XLV: 1-28.
- Kvevhølden, K. 1988. "Methane Hydrates and Global Climate." *Global Biochemical Cycles* 3. 221-229.
- Laboratory for Interactive Learning. 1993. "World 3 Model Software." Durham, New Hampshire: University of New Hampshire.
- Ladd, Everett C., and Karlyn H. Bowman. 1998. *Attitudes Toward Economic Inequality*. Washington, DC: American Enterprise Institute Press.
- Lambert, P.J. 1993. *The Distribution and Redistribution of Income- a mathematical analysis*. New York: Manchester University Press.
- LaPorte, Todd R., ed. 1975. *Organized Social Complexity: Challenge to Politics and Policy*. Princeton, New Jersey: Princeton University Press.
- Lappé, Marc. 1991. "Ethical Issues in Manipulating the Human Germline." *Journal of Medicine and Philosophy* 16: 621-639.
- Lashof, Daniel A. 1989. "The Dynamic Greenhouse: feedback processes that may influence future concentrations of atmospheric trace gases and climate change." *Climatic Change* 14: 213-242.
- Lawrence, Robert Z., Albert Bressand, Takatoshi Ito. 1996. *A Vision for the World Economy: Openness, Diversity and Cohesion*. Washington, DC: The Brookings Institution.

Lazarus, Michael, and Lisa Greber, Jeff Hall, Carlton Bartels, Steve Bernow, Evan Hansen, Paul Raskin, and David Von Hippel. 1993. "Towards a Fossil Free Energy Future: The Next Energy Transition. A Technical Analysis for Greenpeace International." Boston: Stockholm Environment Institute/Tellus Institute Boston Center.

Lemkow, L. 1993. "Public Attitudes Towards Genetic Engineering: some European Perspectives." in *Office of Official Publications of the European Communities*. Luxembourg.

Lemonick, Michael. 1998. "Tapping the Biological Motherlode." *Time* 11/16: 25-30.

Lempert, Robert, Michael E. Schlesinger, and James K. Hammitt. 1994. "The Impact of Potential Abrupt Climate Changes on Near-Term Policy Choices." *Climatic Change* 26: 351-376.

Leontief, Wassily, et al. 1977. *The Future of the World Economy*. New York: Oxford University Press.

Levy, Frank, and Richard J. Murnane. 1992. "U.S. Earnings Levels and Earnings Inequality: A Review of Recent Trends and Proposed Explanations." *Journal of Economic Literature* XXX: 1333-1381.

Levy, Steven. 1992. *Artificial Life: the quest for a new creation*. New York: Pantheon.

Lewin, Roger. 1992. *Complexity: Life at the Edge of Chaos*. New York: Macmillan.

Lewis, W. Arthur. 1954. *Economic Development with Unlimited Supplies of Labor*. The Manchester School of Economic and Social Studies. 22, 139-191.

Li, Hongyi, Lyn Squire, and Heng-fu Zou. 1996. "Explaining International and Intertemporal Variations in Income Inequality." Washington, DC: The World Bank.

Lind, Michael. 1995 *The Next American Nation: the new nationalism and the fourth American revolution*. New York: The Free Press.

Lipschutz, Ronnie D., and Judith Mayer. 1996. *Global Civil Society and Global Environmental Governance: the politics of nature from place to planet*. Albany, NY: State University of New York Press.

Livingston, M.S., cited in Gerald Norton, "Scientific Research & Scholarship: Notes towards the Design of Proper Scales." *Daedalus* vol. 91 #62. Spring 1962.

Lloyd, Seth. 1995. "Complexity." *Scientific American* June 1995.

Londono, Juan Luis. 1996. *Poverty, Inequality, and Human Capital Development in Latin America, 1950-2025*. Washington, D.C.: The World Bank.

Loury, Glenn C. 1981. "Intergenerational Transfers and the Distribution of Earnings." *Econometrica* 49: 843-867.

- Luard, Evan. 1990. *The Globalization Of Politics: The Changed Focus Of Political Action In The Modern World*. New York: New York University Press.
- Lyle, Jeff, and Peter Corner. 1995. *Altered Fates*. New York: W.W. Norton.
- Macer, Darryl. 1994. *Bioethics for the People, by the People*. Christchurch, NZ: Eubios Ethics Institute.
- Macer, Darryl. 1997. "Attitudes to Biotechnology in Japan and New Zealand in 1997, with International Comparisons." *Eubios Journal of Asian and International Bioethics* 7: [www.biol.tsukuba.ac.jp/~macer/EJ75ej75h.html](http://www.biol.tsukuba.ac.jp/~macer/EJ75ej75h.html).
- Macer, Darryl, Shiro Akiyama, Angeles Tan Alora, Yukiki Asada, Jayapaul Azariah, Hilda Azariah, Maureen V. Boost, Prasert Chatwachirawong, Yuko Kao, Vijay Kaushik, Frank J. Leavitt, Nobuko Y. Macer, Chin Choon Ong, Peerasak Srinives, and Miho Tsuzuki. 1995. "International Perceptions and Approval of Gene Therapy." *Human Gene Therapy* 6: 791-803.
- Madrack, Jeff. 1997. "The Cost of Living: A New Myth." *New York Review of Books*: 19-24.
- Mahdjoubi, Darius. 1996. "An Innovation Model for the Real World." In *Engineering Dimensions*, January/February.
- Mahdjoubi, Darius 1997. "The Linear Model of Technological Innovation." In: [www.gslis.utexas.edu/~darius/lmr\\_md1/lmr\\_md1.html#1](http://www.gslis.utexas.edu/~darius/lmr_md1/lmr_md1.html#1)
- Makhijani, Arjun. 1992. *From Global Capitalism to Economic Justice*. New York: Apex Press.
- Manabe, Syukuro, and Roger Stouffer. 1993. "Century-Scale Effects of increased Atmospheric CO2 on the Ocean-Atmosphere System." *Nature* 364: 215-218.
- Mander, Jerry, and David C. Korten, eds. 1996. *The Case Against the Global Economy: and for a turn toward the local*. San Francisco: Sierra Club Books.
- Mandle, Jay. 1997. "The Good Side of Going Global." *Commonweal*: July 11.
- Mankiw, N. Gregory. 1994. *Macroeconomics*. Second edition. New York: Worth Publishers.
- Manne, Alan, Robert Mendelsohn, and Richard Richels. 1993. "MERGE- A Model for Evaluating Regional and Global Effects of GHG Reduction Policies." Palo Alto: Stanford University.
- Mao, Xin. 1996. "Chinese Ethics" Letter to the Editor, *Nature*, 3 December.
- Marcel, T., and David Brausz. 1996. "The TMC Worldwide Gene Therapy Enrollment Report." *Human Gene Therapy*: 2025.
- March of Dimes. 1992. *Genetic Testing and Gene Therapy: National Survey Findings*. 18. September. New York.

Market and Opinion Research International. 1995. "International Environmental Monitor." [www.mori.com/polls/icm](http://www.mori.com/polls/icm).

Marteau, Theresa, Susan Michie, Harriet Drake, and Martin Bobrow. 1995. "Public Attitudes Toward the Selection of Desirable Characteristics in Children." *Journal of Medical Genetics* 32: 796-798.

Martino, Joseph P. 1993. "Technological Forecasting: An Introduction." *The Futurist*. July-August.

Masini, Eleonora. 1994. "The Future of Cultures." *UNESCO Future-Oriented Studies*: 167. Paris.

Mathews, Jessica T. 1997. "Power Shift." *Foreign Affairs* 76: 50-66.

McCorduck, Pamela and Nancy Ramsey. 1996. *The Futures of Women: Scenarios for the 21st Century*. Mass: Addison-Wesley Press.

McGinn, Colin. 1991. *The Problem of Consciousness*. London: Oxford University Press.

McGrew, Anthony. 1992. "The Third World in the New Global Order." *Poverty and Development in the 1990s*, ed. by Allen and Thomas. Oxford: Oxford University Press.

McNamee, Mike, with Paul Magnusson. 1996. "Let's Get Growing." *Business Week*. July 8: 90-98.

Meadows, Donella H., Dennis L. Meadows, Jorgen Randers, William W. Behrens. 1972. *The Limits to Growth*. New York: Universe Books.

Meadows, Donella H., Dennis L. Meadows, Jorgen Randers. 1992. *Beyond the Limits to Growth: confronting global collapse, envisioning a sustainable future*. Post Mills, Vermont: Chelsea Green.

Mehlman, Maxwell J., and Jeffrey R. Botkin. 1998. *Access to the Genome: The Challenge to Equality*. Washington, DC: Georgetown University Press.

Merck Family Fund. 1995. *Yearning for Balance: Views of Americans on Consumption, Materialism and the Environment*. Tacoma Park, Maryland.

Merkel, Ralph. 1989. "Molecular Repair of the Brain." *Cryonics* 10.

Mesarovic, Mihajlo, Eduard Pestel. 1974. *Mankind at the Turning Point*. New York: H.P. Dutton.

Minsky, Marvin. 1986. *The Society of Mind*. New York: Simon & Schuster.

Mittelman, James. 1997. "Global Transformation and Civil Society: A project proposal by the Center for Research on the Global South." <http://heiwww.unige.ch/~krause/gtnet/amicu.htm>.

Moravec, Hans. 1988. *Mind Children: The Future of Robot and Human Intelligence*. Cambridge: Harvard University Press.

Moravec, Hans. 1993. "Pigs in Cyberspace." *Extropy: the journal of transhumanist thought* 4: 5-7.

Moreland, R. Scott. 1984. *Population, Development and Income Distribution-A Modelling Approach (Bachue International)*. New York: St. Martin's Press.

Murphy, K., and F. Welch. 1993. "Industrial Change and the Rising Importance of Skill." In *Uneven Tides*, edited by Sheldon Danziger and Peter Gottschalk. 101-132. New York: Russell Sage Foundation.

Nagel, Thomas. 1974. "What is it like to be a bat?" *The Philosophical Review* LXXXIII, 4 (October) 435-50.

National Academy of Sciences. 1996. "Science and Engineering Indicators." Washington D.C.: U.S. Government Printing Office.

National Center for Genome Resources. 1996. "National Survey of Public and Stakeholders Attitudes and Awareness of Genetic Issues." Washington, D.C.

National Opinion Research Center. 1996. *General Social Survey*.  
[www.icpsr.umich.edu/gss/codebook](http://www.icpsr.umich.edu/gss/codebook).

National Opinion Research Center. 1998. "General Social Survey"  
[www.icpsr.umich.edu/gss/codebook](http://www.icpsr.umich.edu/gss/codebook).

New York Times. 1982. "Whether to Make Perfect Humans." Editorial. 22 July.

Nicholson, Michael. 1989. *Formal Theories of International Relations*. New York: Cambridge University Press.

Nicolis, Gregoire, and Ilya Prigogine. 1989. *Exploring Complexity: An Introduction*. New York: W.H. Freeman & Co.

Nordhaus, William. 1973. "World Dynamics: Measurement Without Data." *Economic Journal*. Vol. 83 (332). 1156-83.

Nordhaus, William D. 1992. "Lethal Model 2: The Limits to Growth Revisited." *Brookings Papers on Economic Activity*: 1-43. Washington, D.C.: The Brookings Institution

Nordhaus, William D. 1994. *Managing the Global Commons: The Economics of Climate Change*. Cambridge, MA: MIT Press.

Nordhaus, William D. 2001. "Productivity Growth and the New Economy." NBER Working Paper No. w8096.

Nordhaus, William and John Tobin. 1972. "Is Growth Obsolete?" Fiftieth Anniversary Colloquium V (National Bureau of Economic Research, Columbia University Press.

- Nordhaus, William D. and Zilli Yang. 1996. "RICE: A Regional Dynamic General Equilibrium Model of Optimal Climate-Change Policy." Yale University, Dept. of Economics.
- Norgaard, Richard B. 1994. *Development Betrayed: The end of progress and a coevolutionary revisioning of the future*. New York: Routledge.
- Ogden, Joan M. and Robert H. Williams. 1989. *Solar Hydrogen: Moving Beyond Fossil Fuels*. Washington, DC: World Resources Institute.
- Ogilvy, James. 1992. "Future Studies and the Human Sciences: The Case for Normative Scenarios." *Futures Research Quarterly* 8: 5-65.
- Ohmae, Kenichi, ed. 1985. *The Evolving Global Economy*. Boston, MA: Harvard Business School Publishing.
- Ohmae, Kenichi. 1990. *The Borderless World: Power and strategy in the interlinked economy*. New York: Harper Collins.
- Ohmae, Kenichi. 1995. *The End of the Nation State*. New York: Simon & Schuster.
- Olson, Mancur. 1988. "The Productivity Slowdown, The Oil Shocks, and the Real Cycle." *Journal of Economic Perspectives* 2: 43-69.
- O'Neill, William. 1977. *The High Frontier: Human Colonies in Space*. New York: William Morrow.
- Ophuls, William. 1977. *Ecology and the Politics of Scarcity*. New York: W.H. Freeman and Company.
- Ophuls, William and A. Stephen Boyan Jr. 1992. *Ecology and the Politics of Scarcity Revisited: The Unraveling of the American Dream*. New York: W. H. Freeman and Co.
- Osberg, Lars, ed. 1991. *Economic Inequality and Poverty: International perspectives*. Armonk, New York: M.E. Sharpe.
- Pack, Howard. 1994. "Endogenous Growth Theory: Intellectual Appeal and Empirical Shortcomings." *Journal of Economic Perspectives* 8: 55-72.
- Pagels, Heinz. 1988. *The Dreams of Reason: The computer and the rise of the sciences*. New York: Simon & Schuster.
- Pan, Haoran. 1996. "An Applied General Equilibrium Model of Primary Income Distribution." Unpublished dissertation draft.
- Paul, Gregory S. and Earl D. Cox. 1996. *Beyond Humanity: CyberEvolution and Future Minds*. Rockland, MA: Charles River Media.
- Pauly, Louis W., and Simon Reich. 1997. "National structures and multinational corporate behavior: Enduring differences in the age of globalization." *International Organization* 51: 1-30.

- Pence, Gregory. 1998. *Who's Afraid of Human Cloning?* New York: Rowman & Littlefield.
- Persson, Torsten, and Guido Tabellini. 1991. *Is Inequality Harmful for Growth? Theory and Evidence*. NBER Working Paper 3599. Cambridge, MA: National Bureau of Economic Research.
- Pestel, Eduard. 1989. *Beyond the Limits to Growth: A Report to the Club of Rome*. New York: Universe Books.
- Pew Center for People and the Press. 1997. *Values Update Survey*. Washington, D.C.
- Pezzey, John. 1992. "Sustainable Development Concepts: An Economic Analysis." . Environment Dept. Working Paper 15. Washington, DC: The World Bank.
- Phillips, Kevin. 1990. *The Politics of Rich and Poor: Wealth and the American Electorate in the Reagan Aftermath*. New York: Random House.
- Porritt, Jonathon. 1984. *Seeing Green: The Politics of Ecology Explained*. Oxford: Basil Blackwell.
- Porter, Mitchell. 1997. "The Singularity." [www.thehub.com.au/~mitch/extro/sing.html](http://www.thehub.com.au/~mitch/extro/sing.html).
- Powell, Maggie. 1997. "WRI Hyperforum Scenarios - Five Scenarios of China to 2030." [www.hf.caltech.edu/HF](http://www.hf.caltech.edu/HF). New York: Global Policy Forum.
- Preamble Center for Public Policy. 1997. *The Multilateral Agreement on Investment*. [www.globalpolicy.org](http://www.globalpolicy.org). New York: Global Policy Forum.
- President's Commission for the Study of Ethical Problems in Medicine and Biomedical and Behavioral Research. 1982. "Splicing Life." Washington, DC: U.S. Government Printing Office.
- Prigogine, Ilya. 1989. *Exploring Complexity: An Introduction*. New York: W.H. Freeman.
- Pryor, Frederic L. 1996. *Economic Evolution and Structure: The Impact of Complexity on the U.S. Economic System*. New York: Cambridge University Press.
- Purdy, Jedediah. 1998. "Dolly and Madison." *The American Prospect*. Vol 9 no. 8 (May-June).
- Raj, Baldev, and Daniel J. Slottje. 1994. "The Trend Behavior of Alternative Income Inequality Measures in the United States from 1947-1990 and the Structural Break." *Journal of Business & Economic Statistics* 12: 479-487.
- Rapoport, Anatol. 1989. *Decision Theory and Decision Behavior: normative and descriptive approaches*. Norwell, MA: Kluwer Academic Publishers.
- Ravallion, Martin, and Shaohua Chen. 1996. "What Can New Survey Data Tell Us about Recent Changes in Distribution and Poverty?" Washington, DC: The World Bank.
- Regis, Ed. 1990. *Great Mambo Chicken and the Transhuman Condition*. New York: Addison-Wesley.

- Reich, Robert. 1991. *The Work of Nations: Preparing ourselves for 21<sup>st</sup> century capitalism*. New York: A.A. Knopf.
- Robertson, Roland. 1992. *Globalization: Social Theory and Global Culture*. London: Sage.
- Robinson, Ian. 1995. "Globalization and Democracy." *DISSENT*. Summer. 373-380.
- Robinson, Peter. 1996. "Technology Changes Economics, but How? Paul Romer May Win the Nobel Prize for Telling Us." *Forbes ASAP*: 67-72.
- Robinson, Sherman. 1976. "Income Distribution in Developing Countries: Toward an Adequate Long-Run Model of Income Distribution and Economic Development." *American Economic Review* 66: 122-127.
- Rochlin, Gene. 1997. *Trapped in the Net: The unanticipated consequences of computerization*. Princeton, N.J.: Princeton University Press.
- Rodrik, Dani. 1997. *Has Globalization Gone Too Far?* Washington DC: Institute for International Economics.
- Roemer, John. 1994. *A Future for Socialism: Planning For the Future in an Uncertain World*. Cambridge, MA: Harvard University Press.
- Rohatyn, Felix. 1995. Quoted in Simon Head, 1996. "The New, Ruthless Economy." *New York Review of Books*. February 19.
- Romer, David. 1994. *Advanced Microeconomics*: (manuscript). University of California, Berkeley. Department of Economics.
- Romer, Paul. 1986. "Increasing Returns and Long-Run Growth." *Journal of Political Economy* 94: 1002-1037.
- Romer, Paul. 1987. "Growth Based on Increasing Returns Due to Specialization." *American Economic Review Papers and Proceedings*, May. 56-62.
- Romer, Paul. 1990. "Endogenous Technological Change." *Journal of Political Economy* 98: S71-S102.
- Romer, Paul. 1994. "The Origins of Endogenous Growth." *Journal of Economic Perspectives* 8: 3-22.
- Romer, Paul. 1996. Personal Communication. Western Economic Association, San Francisco, CA. July 1996.
- Rosenau, James N. 1997. *Along the Domestic-Foreign Frontier: Exploring Governance in a Turbulent World*. New York: Cambridge University Press.

Rubenstein et al. 1995. "Germ-Line Therapy to Cure Mitochondrial Disease: Prototypes and Ethics of in vitro Ovum Nuclear Transplantation." *Cambridge Quarterly of Healthcare Ethics* 4: 316-339.

Ruggiero, Greg, and Stuart Sahulka, eds. 1995. *The New American Crisis: Radical Analyses of the Problems Facing America Today*. New York: The New Press.

Sachs, Jeffrey, "Growth in Africa: It Can Be Done." *The Economist*, June 29, 1996.

St. Norbert College Survey Center. 1994. "Bovine Growth Hormone." DePere Wisconsin: The Wisconsin Survey.

Saltzman, Amy. 1991. *Downshifting: Reinventing success on a slower track*. New York: Harper Collins.

Samuelson, Paul A. and William D. Nordhaus. 1989. *Economics*. 12<sup>th</sup> ed. New York: McGraw-Hill.

Sandberg, Anders. 1998. "Genetic Modifications"  
[www.starsgroup.com/biouniversity/course2.html](http://www.starsgroup.com/biouniversity/course2.html)

Sandler, Todd. 1997. *Global Challenges: an approach to environmental, political and economic problems*. New York: Cambridge University Press.

Sau, David Felix and Ranjit. 1996. "On the Revenue Potential and Phasing in of the Tobin Tax." In *The Tobin Tax: Coping with Financial Volatility*, M. ul Haq, I. Kaul and I. Grunberg, eds. 223-254. New York: Oxford University Press.

Schlesinger, John M. 1996. "The Business Cycle is Tamed, Many Say." *Wall Street Journal*. November 15: 1. New York.

Scholte, Jan Aart. 1996. "Beyond the Buzzword: Towards a Critical Theory of Globalization." In *Globalization: Theory and Practice*, edited by Eleonore Kofman and Gillian Youngs. New York: Pinter.

Schor, Juliet. 1995. "A Sustainable Economy for the Twentieth Century." In Greg Ruggiero and Stuart Sahulka, 1995, *The New American Crisis: Radical Analyses of the Problems Facing America Today*. New York: The New Press. pp 266-287.

Schwarz, Benjamin. 1995. "American Inequality: Its History and Scary Future." *The New York Times*, Tuesday, December 19, p. A25.

Schwartz, Peter. 1991. *The Art of the Long View: Planning for the Future in an Uncertain World*. New York: Doubleday.

Searle, John R. 1992. *The Rediscovery of the Mind*. Cambridge, Mass: MIT Press.

Segal, Jerome M. 1999. *Grace for Simplicity: Towards a Philosophy and Politics of Simple Living*. New York: Holt.

Sforza-Roderick, Michelle, Scott Nova, and Mark Weisbrot. 1998. "Writing the Constitution of a Single Global Economy: A Concise Guide to the Multilateral Agreement on Investment - Supporters' and Opponents' Views." [www.rtk.net:80/preamble/mai/maioverv.html](http://www.rtk.net:80/preamble/mai/maioverv.html).

Shi, David. 1985. *The Simple Life: Plain Living and High Thinking in American Culture*. New York: Oxford University Press.

Silver, Lee. 1998. *Remaking Eden: How Cloning and Beyond Will Change the Human Family*. New York: Avon.

Simai, Mihaly. 1994. *The Future of Global Governance: Managing risk and change in the international system*. Washington DC: United States Institute of Peace.

Simon, Julian. 1981. *The Ultimate Resource*. Princeton, N.J.: Princeton University Press.

Simon, Julian L., and Herman Kahn. 1984. *The Resourceful Earth*. New York: Basil Blackwell.

Singer, Eleanor. 1993. "Public Attitudes Toward Fetal Diagnosis and the Termination of Life." *Social Indicators Research* 28: 117-136.

Sinsheimer, Robert. 1969. "The Prospect for Designed Genetic Change." *American Scientist* 57: 134-142.

Slaughter, Anne-Marie. 1997. "The Real New World Order." *Foreign Affairs*: Vol 76 No.5. 183-197.

Smeeding, Timothy M., and Peter Gottschalk. 1996 *The International Evidence on Income Distribution in Modern Economies: Where Do We Stand?* Working Paper No.137. Syracuse, New York: Luxembourg Income Study.

Smith, Jackie, Charles Chatfield, and Ron Pagnucco, eds. 1997. *Transnational Social Movements and Global Politics*. Syracuse, NY: Syracuse University Press.

Smith, John Maynard. 1965. "Eugenics and Utopia." In *Utopias and Utopian Thought*, Frank E. Manuel, ed. 150. Cambridge: Houghton Mifflin.

Smith, William C. 1993. *Democracy, Markets and Structural Reform in Latin America*. New Brunswick, NJ: Transactions Publishers.

Sogolo, Godwin. 1992. "AFRICA: Three Scenarios." In *The Futures of Cultures*. 1994. Coordinated by Eleonora Masini (Gregorian U, Rome). Paris: UNESCO Future-oriented Studies, December.

Solow, Robert. 1974. "Intergenerational Equity and Exhaustible Resources." *Review of Economic Studies* vol. 41. 29-45.

Soros, George. 1998. "Toward a Global Open Society." *The Atlantic Monthly*: January.

Stiglitz, Joseph. 1974. "Growth with Exhaustible Natural Resources: efficient and optimal paths." Review of Economic Studies Symposium on the Economics of Exhaustible Resources. Vol 41. 123-137.

Stix, Gary. 1996. "Trends in Nanotechnology: Waiting for Breakthroughs." *Scientific American*. April. 94-99.

Stock, Gregory. 1993. *Metaman: the Merging of Humans and Machines into a Global Superorganism*. New York: Simon and Schuster.

Stock, Gregory. 1998. "Engineering The Human Germline." University of California, Los Angeles Science, Technology, and Society Program. [www.ess.ucla.edu:80/huge/report.html](http://www.ess.ucla.edu:80/huge/report.html).

Suzuki, David, and Peter Knudtson. 1989. *Genethics*. Cambridge, MA: Harvard University Press.

Szirmai, Adam. 1988. *Inequality Observed: A Study of Attitudes towards Income Inequality*. Newcastle-upon-Tyne: Avebury.

Tainter, Joseph A. 1988. *The Collapse of Complex Societies*. New York: Cambridge University Press.

Taylor, J. Serge. 1975. "Organizational Complexity in the New Industrial State: The Role of Technology." In Todd R. La Porte, ed., *Organized Social Complexity: Challenge to Politics and Policy*. Princeton: Princeton University Press.

Taylor, Lance, and Frank Lysy. 1979. "Vanishing Income Redistributions: Keynesian Clues about Model Surprises in the Short Run." in *Models, Planning and Basic Needs*, edited by Sam Cole and Henry Lucas. New York: Pergamon Press.

Taylor, Robert. 1998. "Superhumans." *New Scientist*. October 3 (cover story).

Thirring, Hans. 1958. *Energy for Man*. Bloomington: Indiana University Press.

Thoreau, Henry David. 1854. "Walden." In *Walden (World Classics)*, edited by Stephen Fender. New York: Oxford University Press.

Thurow, Lester C. 1996. *The Future of Capitalism: How Today's Economic Forces Shape Tomorrow's World*. New York: William Morrow.

*Time*. 1973. "Endorsing Infanticide?" May 28.

Tipler, Frank J. 1994. *The Physics of Immortality: Modern Cosmology, God and the Resurrection of the Dead*. New York: Doubleday.

Toffler, Alvin and Heidi Toffler. 1995. *Creating a New Civilization: The Politics of the Third Wave*. Turner Publishing.

Tol, Richard S.J. 1993. "The Climate Fund: Modelling Costs and Benefits." Amsterdam: Vrije Universiteit.

Trainer, Ted. 1996. *Towards A Sustainable Economy: The Need for Fundamental Change*. Chicago: Logan Publishers.

Udayakumar, S.P. 1995. "The Futures of the Poor." *FUTURES* 27: 339-351.

Uchitelle, Louis. 1997. "Measuring Productivity in the 90's: Optimists vs. Skeptics." *New York Times*, August 2.

UNESCO. 1997. *Universal Declaration on the Human Genome and Human Rights*.  
[http://www.unesco.org/shs/human\\_rights/hrbc.htm](http://www.unesco.org/shs/human_rights/hrbc.htm).

United Nations Development Program. 1994. *Human Development Report 1994*. New York: Oxford University Press.

United Nations Development Program. 1996. *Human Development Report 1996*. New York: Oxford University Press.

United Nations Development Program. 2002. *Human Development Report 2001/2002*. New York: Oxford University Press

U.S. Bureau of the Census. 1993. *Money Income of Households, Families and Persons in the United States: 1992*. Washington, D.C.: U.S. Government Printing Office.

U.S. Bureau of the Census. 1995. *Statistical Abstract of the United States: 1995* (115<sup>th</sup> edition). Washington, D.C.: U.S. Government Printing Office.

U.S. Department of Commerce. 1993. Current Population Reports. Consumer income. Money Income of Households, Families and Persons in the United States: 1992. Washington, DC: U.S. Government Printing Office.

U.S. National Academy of Sciences. 1996. "Science and Engineering Indicators." Washington DC: U.S. Government Printing Office.

U.S. Office of Technology Assessment. 1987. *Public Perceptions of Biotechnology*. Washington, DC: U.S. Government Printing Office.

van der Heijden, Kees. 1996. *Scenarios: The Art of Strategic Conversation*. New York: John Wiley & Sons.

van Zon, Hans. 1992. "Alternative Scenarios for Central Europe." *FUTURES* 24: 471-482.

Verba, Sidney, and Gary R. Orren. 1985. *Equality in America: The View From The Top*. Cambridge, MA: Harvard University Press.

Vinge, Vernor. 1981. *True Names and Other Dangers*: Baen Books.

Vinge, Vernor. 1993. "What is the Singularity?" Original version presented at the VISION-21 Symposium sponsored by NASA Lewis Research Center and the Ohio Aerospace Institute, March 30-31. An edited version appeared in the *Whole Earth Review*, Winter 1993.

Vitousek, Peter, Paul Ehrlich, Anne Ehrlich, and Pamela Matson. 1986. "Human Appropriation of the Products of Photosynthesis." *BioScience* 36: 368-373.

von Weizsäcker, Robert K. 1993. *A Theory of Earnings Distribution*. Cambridge: Cambridge University Press.

Wade, Nicholas. 1998. "Human Cells Revert to Embryo State, Scientists Assert." *New York Times*, November 12.

Wade, Robert. 1996. "'Globalization and its limits: the death of the national economy has been greatly exaggerated". In *National Diversity and Global Capitalism*: Cornell University Press.

Walters, LeRoy. 1986. "The Ethics of Human Gene Therapy." *Nature* 320: 225-227.

Walters, LeRoy. 1991. "Human Gene Therapy: Ethics and Public Policy." *Human Gene Therapy* 2: 115-122.

Walters, LeRoy. 1994. "The Ethics of Human Germ-Line Genetic Intervention." In *Genes and Human Self-Knowledge: Historical and Philosophical Reflections on Modern Genetics*, R. Weir, S.C. Lawrence and E. Fales, eds. 228. Iowa City: University of Iowa Press.

Walters, LeRoy, and Julie Gage Palmer. 1997. *The Ethics of Human Gene Therapy*. New York: Oxford University Press.

Wapner, Paul. 1995. "Politics Beyond the State: environmental activism and world civic politics." *World Politics* 47: 311-40.

Waters, Malcolm. 1995. *Globalization*. New York: Routledge.

Watson, James D. 1973. "Children From the Laboratory." *Prism* 13. May.

Weiss, Rick. 1998. "Engineering the Unborn." *Washington Post*. March 24. A01.

Whalen, Charles J., ed. 1996. *Political Economy for the 21st Century: contemporary views on the trend of economics*. Armonk, New York: M.E. Sharp.

Wilkinson, Lawrence. 1995. "How to Build Scenarios." *WIRED* Dec. 1996.

Wilmot, Ian. 1998. "Cloning For Medicine." *Scientific American*: December. 58-63.

Winner, Langdon. 1977. *Autonomous Technology: Technics-out-of-control as a Theme in Political Thought*. Cambridge, MA: The MIT Press.

Wivel, Nelson, and LeRoy Walters. 1993. "Germ-line Gene Modification and Disease Prevention: Some Medical and Ethical Perspectives." *Science* 262: 533.

Wolff, Edward N. 1987. "Estimates of Household Wealth Inequality in the U.S., 1962-1983". *Review of Income and Wealth*, September. 231-56.

Wolff, Edward N. 1992. "Changing Inequality of Wealth." *American Economic Review* 82: 552-558.

Wolff, Edward W. 1996. "The Productivity Slowdown: The Culprit at Last?" *American Economic Review* 86: 1239-1252.

World Bank. 1996. *World Development Report 1996*. New York: Oxford University Press.

World Commission on Environment and Development. 1987. *Our Common Future*. New York: Oxford University Press.

World Summit on Sustainable Development. 2002. For the Report and other documentation see [www.un.org/jsummit](http://www.un.org/jsummit).

Wysocki Jr., Bernard. 1997. "For Economist Paul Romer, Prosperity Depends on Ideas." *The Wall Street Journal*. January 21.

Yoffee, Norman, and George L. Cowgill, eds. 1988. *The Collapse of Ancient States and Civilizations*. Tucson, Arizona: The University of Arizona Press.

Yotopoulos, Pan A. , and Jeffery B. Nugent. 1976. *Economics of Development: Empirical Investigations*. New York: Harper and Row.

Yudkowsky, Eliezer S. 1996. "The Low Beyond." <http://yudkowsky.net/beyond.html>.

Zimmerman, Burke. 1991. "Human Germ-Line Therapy: The Case for its Development and Use." *Journal of Medicine and Philosophy* 16: 593-612.

Zuboff, Shoshana. 1988. *In the Age of the Smart Machine: The Future of Work and Power*. New York: Basic Books.

## **ACKNOWLEDGMENTS**

Nearly every member of the faculty, staff and student body of the University of California at Berkeley Energy and Resources Group contributed in some manner to the development of the dissertation upon which this exercise is based. It was a privilege to work with them. My dissertation committee was Richard Norgaard (Chair), Gene Rochlin and Ignacio Chapela. Others who deserve special thanks include Anthony Fischer, John Holdren, Anne Kapuscinski, Steve Weber, Paul Craig, Alexandra von Meier, Eliot Posner, Jesse Reynolds, Gillian Ward and Cecile Andrews. Important help in converting the dissertation to the current on-line exercise was provided by Pete Shanks, Doug Pet and Charles Garzon. Any errors or shortcomings remain my own.