

Sustainable Design Bibliography

The following publications related to Sustainable Design have been selected from this compendium's Combined Bibliography. This list has been compiled from a variety of sources, including bibliographies used in architecture classes across the country, published lists, and independent research. For materials not commonly found in your campus library or bookstore, we include contact information for the publisher. Citations marked with an asterisk (*) are described in the Combined Annotated Bibliography..

Contents

Building Materials and Components.....	29
Energy	29
Hazardous Substances.....	29
Indoor Air Quality	30
Passive Systems	30
Recycling and Reuse	30
Sustainability	30
Urban Planning	32

Building Materials and Components

American Institute of Architects. *Environmental Resource Guide Subscription*. Washington: AIA, 1992.

St. John, Andrew, ed./BSA Architects for Social Responsibility Committee. *Sourcebook for Sustainable Design: A Guide to Environmentally Responsible Building Materials and Processes*. Boston: Boston Society of Architects, 1992. [bsarch@architects.org or 617/951-1433 x 221]

Smith, E. W., and G. S. Austin. "Adobe, Pressed Earth, and Rammed Earth: Earth Industries in New Mexico." Bulletin 127. Socorro: New Mexico Bureau of Mines & Mineral Resources, 1989.

Design

Alexander, Christopher. *A Timeless Way of Building*. New York: Oxford University Press, 1977.

Barnett, Dianna Lopez, with William D. Browning. *A Primer on Sustainable Building*. Snowmass, Colo.: Rocky Mountain Institute, 1995. [To order, call 970/927-3851 or see www.rmi.org/catalog/gds.htm]*

Bechtel, Stefan, and the Editors of Rodale Press. *Keeping Your Company Green*. Emmaus, Pa.: 1990.

Cottom-Winslow, Margaret. *Environmental Design: The Best of Architecture and Technology*. New York: Rissoli International Publications, 1990.

Cowan, Henry J., ed. *Handbook of Architectural Technology*. New York: VanNostrand Reinhold, 1991.

Crowther, Richard L. *Ecologic Architecture*. Boston: Butterworth Architecture, 1992.*

Douglas, Mary, and Aaron Wildavsky. *Risk and Culture: An Essay on the Selection of Technical and Environmental Dangers*. Berkeley: University of California Press, 1982.

Levitt, Sheldon. "Keeping the Environment in Mind When You Design." *Facility Management Journal* (Jan/Feb 1994): 20–24. [www.ifma.org or 713/623-4362.]

Olgay, Victor. *Design with Climate: Bioclimatic Approach to Architectural Regionalism*. Princeton University Press, 1963.

Vale, Brenda, and Robert Vale. *Green Architecture*. London: Thames and Hudson, 1991.*

Yeang, Ken. *Designing With Nature: The Ecological Basis for Architectural Design*. New York: McGraw-Hill, 1995.*

Energy

Conservation Services Group. *Energy Crafted Homes Training Manual*. Brattleboro, Vt.: West River Communications, 1990.

Cook, Jeffrey, ed. *Passive Cooling*. MIT Press, 1990.

Energy Resource Center. *ERC Sourcebook*. Downey, Calif.: Southern California Gas Company, 1995.

Watson, Donald, and Kenneth Labs. *Climatic Design: Energy-Efficient Building Principles and Practices*. New York: McGraw-Hill, 1983.*

Hazardous Substances

Bower, John. *The Healthy House*. New York: Carol Publication Group, 1989.

Indoor Air Quality

Tunel, Isaac. *Indoor Air Quality and Human Health*. Palo Alto, Calif.: Stanford University Press, 1985.

Passive Systems

Anderson, Bruce, ed. *Solar Building Architecture*. Cambridge, Mass.: The MIT Press, 1990.*

Brown, G. Z. *Sun, Wind, and Light*. New York: John Wiley, 1985.*

Cook, Jeffrey, ed. *Passive Cooling*. Cambridge, Mass.: MIT Press, 1989.

Hazfia, Edward. *The Passive Solar Energy Book*. Emmaus, Pa.: Rodale Press, 1979.

Lovins, Amory. B. *Soft Energy Paths: Toward a Durable Peace*. Cambridge, Mass.: Ballinger Publishing, 1977.

Panchyk, Katherine. *Solar Interiors: Energy Efficient Spaces Designed for Comfort*. New York: VanNostrand Reinhold, 1991.

Recycling and Reuse

Brand, Stewart. *How Buildings Learn: What Happens After They're Built*. New York: Penguin Books, 1994.*

Fitch, James Marston. *Historic Preservation: Curatorial Management of the Built World*. Charlottesville: University Press of Virginia, 1990.*

National Trust for Historic Preservation. *Respectful Rehabilitation*. Washington: Preservation Press, 1986.

Sustainability

Bateson, Gregory. *Mind and Nature: A Necessary Unity*. New York: Bantam, 1979.

Bongaarts, John. "Can the Growing Human Population Feed Itself?" *Scientific American* 270 (March 1994): 36–42.

Bowers, C. A. *Critical Essays on Education, Modernity, and the Recovery of the Ecological Imperative*. New York: Teachers College Press, 1993.

Brown, Lester, et al. *State of the World: A Worldwatch Institute Report on Progress Toward a Sustainable Society*. New York: W. W. Norton, 1994. [See www.worldwatch.org or call 202/452-1999]

Costanza, Robert, Bryan Norton, and Benjamin Haskell. *Ecosystem Health: New Goals for Environmental Management*. Washington: Island Press, 1992.

Dale, Tom, and Vernon Gill Carter. *Topsoil and Civilization*. Norman: University of Oklahoma Press, 1955.

de Chardin, Teilhard. *The Phenomenon of Man*. New York: Harper Torchbooks, 1959.

Earthworks Group. *50 Simple Things You Can Do to Save the Earth*. Berkeley, Calif.: Earthworks Press, 1989.

Edward, P. J., R. M. May, and N. R. Webb. "Large Scale Ecology and Conservation Biology." *British Ecological Society Symposium* #35. Oxford, England: Blackwell Scientific Publishers, 1994.

Ehrlich, Paul R., and Anne H. Ehrlich. *The Population Explosion*. New York: Simon & Schuster/Touchstone, 1990.

Ekins, Paul. *A New World Order: Grassroots Movements for Social Change*. London: Routledge, 1992.

Ellul, Jacques. *The Technological Society*. New York: Vintage Books/Alfred A. Knopf, 1964.

Galston, William A., and Karen J. Baehler. *Rural Development in the United States: Connecting Theory, Practice, and Possibilities*. Washington: Island Press, April 1995.

Gilovitch, Thomas. *How We Know What Isn't So: The Fallibility of Human Reason in Everyday Life*. New York: McMillan Free Press, 1991.

Gore, Al. *Earth in the Balance: Ecology and the Human Spirit*. Boston: Houghton-Mifflin, 1992.

Gottlieb, Robert. *Forcing the Spring: The Transformation of the American Environmental Movement*. Washington: Island Press, 1993.

- Habermas, Jurgen. *Moral Consciousness and Communicative Action*. Cambridge, Mass.: MIT Press, 1990.
- Hollender, John A. *How to Make the World a Better Place*. New York: William Morrow, 1990.
- Holmberg, Johan. *Making Development Sustainable*. Washington: Island Press, 1992.
- Holton, Gerald. *Science and Anti-Science*. Cambridge, Mass.: Harvard University Press, 1993.
- Hyams, Edward. *Soil and Civilization*. New York: Harper & Row, 1952.
- Jackson, Wes, Wendell Berry and Bruce Colman, eds. *Meeting the Expectations of the Land: Essays on Sustainable Agriculture and Stewardship*. San Francisco: North Point Press, 1984.
- Kaplan, Robert D. "The Coming Anarchy." *The Atlantic Monthly* 273 (February 1994): 44–46
- Kennedy, Paul. *Preparing for the Twenty-First Century*. New York: Random House, 1993.
- Kirby, John, Phil O'Keefe, and Lloyd Timerlake, eds. *The Earthscan Reader in Sustainable Development*. London: Earthscan, 1994. [www.earthscan.co.uk]
- Korten, David C. *Getting to the 21st Century: Voluntary Action and the Global Agenda*. West Hartford, Conn.: Kumarian Press, 1990.
- Lebel, Gregory G., and Hal Kane. *Sustainable Development: A Guide to Our Common Future. The Report of the World Commission on Environment and Development*. Washington: The Global Tomorrow Coalition, 1989.
- Lechter, Norbert. *Heating, Cooling, Lighting: Design Methods for Architects*. New York: John Wiley, 1991.
- Leopold, Aldo. *A Sand County Almanac*. New York: Oxford University Press, 1949.
- Lewis, Martin W. "Environmental History Challenges Myth of a Primordial Eden." *Chronicle of Higher Education* (May 4, 1994).
- Lockwood, Steve, and Doug Greenwood. "Building with the Future in Mind." *Facility Management Journal* (Jan/Feb 1994). [713/623-4362 or www.ifma.org.]
- Lovelock, James. *Healing Gaia: Practical Medicine for the Planet*. New York: Harmony Books, 1992.
- Lovins, Amory, and William D. Browning. "Vaulting the Barriers to Green Architecture." *Architectural Record* 180, no. 16 (December 1992).
- Meadows, Donella H., Dennis L. Meadows, and Jorgen Randers. *Beyond the Limits: Confronting Global Collapse, Envisioning a Sustainable Future*. Post Mills, Vt: Chelsea Green Publishing Company, 1992.
- Merritt, F. S. *Building Engineering and Systems Design*. New York: VanNostrand Reinhold, 1979.
- Milbraith, Lester. *Envisioning a Sustainable Society: Learning Our Way Out*. Albany: State University of New York, 1989.
- Miller, Joseph A., Sarah M. Friedman, David Grigsby, and Annette Huddle, eds. *The Island Press Bibliography of Environmental Literature: The Yale School of Forestry and Environmental Studies*. Washington: Island Press, 1993.
- Moore, Fuller. *Environmental Control Systems*. New York: McGraw-Hill, 1993.
- National Commission on the Environment. *Choosing a Sustainable Future: The Report of the National Commission on the Environment*. Washington: Island Press, 1993.
- Odum, Howard. "Self Organization Transformity, and Information." *Science* 242 (Nov 25, 1988): 1,132–1,139.
- Orr, David. *Ecological Literacy: Education and the Transition to a Post-Modern World*. New York: State University Press, 1993.
- Pearson, David. *The Natural House Book*. New York: Simon & Schuster, 1989.
- Piasecki, Bruce, and Peter Asmus. *In Search of Environmental Excellence: Moving Beyond Blame*. New York: Simon & Schuster, 1990.
- Population Institute. *Global Population: Gaining People, Losing Ground*. Washington: Population Institute, 1993.
- Postman, Neil. *Technopoly: The Surrender of Culture to Technology*. New York: Alfred A. Knopf, 1992.

- Ray, Dixie Lee, with Lou Gusso. *Environmental Overkill: What Ever Happened to Common Sense?* Washington: Regnery Gateway, 1993.
- Reid, David. *Sustainable Development: An Introductory Guide*. London: Earthscan, 1995. [www.earthscan.co.uk]
- Rifken, Jeremy. *The Green Lifestyle Handbook*. New York: Henry Holt, 1990.
- Roszak, Theodore. *The Voice of the Earth: An Exploration of Ecopsychology*. New York: Simon & Schuster, 1993.
- Rubin, Charles. *The Green Crusade: Rethinking the Roots of Environmentalism*. New York: The Free Press, 1993.
- Rybczynski, Witold. *Paper Heroes: Appropriate Technology Panacea or Pipe Dream?* New York: Penguin Books, 1991.
- Schon, Donald A. *The Reflective Practitioner: How Professionals Think in Action*. New York: Basic Books, 1993.
- Schwartz, Peter. *The Art of the Long View: Planning for the Future in an Uncertain World*. New York: Doubleday, 1991.
- Shepard, Paul, and Daniel McKinley. *The Subversive Science: Essays Toward an Ecology of Man*. Boston: Houghton-Mifflin, 1969.
- Sitarz, Daniel, ed. *Agenda 21: The Earth Summit Strategy to Save Our Planet*. Boulder: Earthpress, 1993.
- Stableford, Brian, and David Langford. *The Third Millennium: A History of the World: AD 2000–3000*. New York: Alfred A. Knopf, 1985.
- Stine, Sharon R. "Design and Implementation of a Sustainable University Student Living Laboratory." In *U.S. Green Building Conference – 1994*. NTIS Special Publication 863. [To order, call NTIS, 800/553-6847, or see www.ntis.gov, and request #PB94206364.]
- Thomas, William L., Jr., ed. *Man's Role in Changing the Face of the Earth*. University of Chicago Press, 1956.
- van den Bergh, Jeroen C. M. J., and Jan van der Straaten. *Toward Sustainable Development*. Washington: Island Press, 1994.
- Watson, Donald. "The Notion of Critical Practices: Roles for Educators in Continuing Education." *Proceedings, 82nd Annual Meeting, Association of Collegiate Schools of Architecture*. Washington: ACSA, 1994. [To order, see www.acsa-arch.org/publications/index.html or call 202.785.2324.]
- . "The Research/Design Studio: A Modest Proposal to Improve Education and Practice." *Proceedings, 81st Annual Meeting, Association of Collegiate Schools of Architecture*. Washington: Association of Collegiate Schools of Architecture, 1993. [To order, see www.acsa-arch.org/publications/index.html or call 202.785.2324.]
- Wilson, Edward O. "Is Humanity Suicidal: We're Flirting with the Extinction of Our Species." *New York Times Magazine* (May 30, 1993).
- The World Commission on Environment and Development. *Our Common Future*. New York: Oxford University Press, 1987.
- Wrong, Dennis H. *The Problem of Order: What Unites and Divides Society*. New York: The Free Press, 1993.

Urban Planning

Gordon, David, ed. *Green Cities: Ecologically Sound Approaches to Urban Space*. Montreal: Black Rose Books, 1990.*

Hart, John. *Saving Cities, Saving Money: Environmental Strategies That Work*. Sausalito, Calif.: Resource Renewal Institute, 1992.

Spirn, Anne Whiston. *The Granite Garden: Urban Nature and Humane Design*. New York: Basic Books, 1984.*