

Pratt Institute Libraries: Sustainable Architecture Research Guide

Guide to finding information on sustainable architecture and green building design.

KEY TERMS

Adaptive reuse

Architecture - environmental aspects

Architecture - health aspects

Architecture - technological innovations

Architecture and energy conservation

Architecture and solar radiation

Building - environmental aspects

Building materials, alternative

Building materials - environmental aspects

Building materials - recycling

Buildings - environmental engineering

Buildings - health aspects

Eco-design

Environmental architecture

Environmental ethics

Green architecture

Green building

Green design

Green marketing

Green products

Industrial ecology

Recycling

Sustainable architecture



WEBSITES

ADPSR - Architects Designers Planners for Social Responsibility

Established in 1981, Architects / Designers / Planners for Social Responsibility (ADPSR) works for peace, environmental protection, ecological building, social justice, and the development of healthy communities.
<http://www.adpsr.org/>

American Solar Energy Society (ASES)

Nonprofit organization dedicated to increasing the use of solar energy, energy efficiency, and other sustainable technologies in the U.S ASES is the United States Section of the International Solar Energy Society.
<http://www.ases.org/>

BuildingGreen

Research, thinking, and writing, including Environmental Building News, the GreenSpec directory of green products, and the BuildingGreen Suite of online tools.
<http://www.buildinggreen.com/index.cfm>

Center for Livable Communities

National initiative of the Local Government Commission (LGC) a nonprofit, nonpartisan, membership organization. The LGC developed the Ahwahnee Principles for resource-efficient local and regional land use planning.
<http://www.lgc.org/center/>

Consortium on Green Design and Manufacturing

A Research and Educational Partnership Between Academia, Industry and Government based at UC Berkeley.
<http://cgdm.berkeley.edu/>

Global Green USA

US affiliate of Green Cross International. Research, community based projects and advocacy.
<http://www.globalgreen.org/>

GreenerBuildings

The resource center for environmentally responsible building development.

<http://www.greenerbuildings.com/>

The Hannover Principles, by William McDonough

Introduces the Hannover Principles of sustainable design.

<http://www.mcdonough.com/principles.pdf>

iGreenBuild.com

Resource for the latest eco-friendly news, articles, reports, products.

<http://www.igreenbuild.com/>

O2

Global, informal network for anyone interested in sustainable design.

<http://www.o2.org/>

OIKOS

Green building source guide, includes links. Promotes sustainable design and construction.

<http://www.oikos.com/>

Resource Renewal Institute

Funds and facilitates projects in sustainability. Site has links to other sources.

<http://www.rri.org/>

Rocky Mountain Institute

RMI is a not-for-profit “think and do tank” that works with individuals and organizations of every imaginable kind to help them use energy and resources efficiently while being ever-better stewards of the environment.

<http://www.rmi.org/>

SmartGrowth

Smart growth invests time, attention, and resources in restoring community and vitality to center cities and older suburbs. Part of the Sustainable Communities Network.

<http://www.smartgrowth.org/>

Solar Living Center /The Solar Living Institute

Promotes sustainable living through inspirational environmental education. The Institute provides practical, education by example and hands-on workshops on renewable energy, green building, sustainable living, permaculture, organic gardening and alternative, environmental, construction methods. Has a 12-acre demonstration center located in Hopland, California, powered entirely by working renewable energy systems.

<http://www.solarliving.org/overview.cfm>

Sustainable Buildings Industry Council

SBIC is an independent, nonprofit organization. Focus on energy efficiency, renewable technologies, daylighting, healthy indoor environments, sustainable building materials and products, and resource conservation.

<http://www.sbicouncil.org/>

Sustainable Sources (available through Greenbuilder.com)

<http://www.greenbuilder.com/general/buildingsources.html>

Urban Ecology

<http://www.urbanecology.org/>

DICTIONARIES AND ENCYCLOPEDIAS

definitions, terminology, illustrations, names, dates, sites, methods, materials

A to Z on the environment: Ecosystems and processes; Key treaties, conventions, laws, and agreements; charts, illustrations.

Brooklyn Reference 363.7 F822

Encyclopedia of 20th century architecture by R. Stephen Sennott, editor, 2004.

Brooklyn Reference 724.603 E562, Vol. 1-3

Environmental encyclopedia by William P. Cunningham, eds., 1998. *Includes definitions, biographies, cultural/community organizations.*
Brooklyn Reference 363.7003 E61

Dictionary of architectural and building technology by Henry J. Cowan and Peter R. Smith., 2004. *Definitions, illustrations, terms.*
Brooklyn Reference 721.03 C874D4

The green encyclopedia by Irene Franck and David Brownstone, 1992.
Brooklyn Reference 363.7 F822

HANDBOOKS AND GUIDES

How-to, advice, information, access, methods, materials

307.121 K92

A planners guide to sustainable development by Kevin J. Krizek and Joe Power, 1996.

333.7 W9272

Worldchanging: a user's guide for the 21st century by edited by Alex Steffen; foreword by Al Gore; design by Stagmeister Inc. New York: Abrams, 2006.

362.728 R311

Recycling nontraditional materials: a resource guide to new technology options by [Frances S. Gotcsik, editor]. Rochester, N.Y.: Published by the Center for Environmental Information, Inc. through a grant from the U.S. Environmental Protection Agency Region II, 1992, c1991.

621.47 G137

Gaiam Real Goods solar living sourcebook: the complete guide to renewable energy technologies and sustainable living by executive editor, John Schaeffer; technical editor, Doug Pratt.

690.837 R628E

Ecohouse 2: a design guide by Sue Roaf, Manuel Fuentes, and Stephanie Thomas, 2003.

690.837 S671.

Building green: a complete how-to guide to alternative building methods: earth plaster, straw bale, cordwood, cob, living roofs by Clarke Snell & Tim Callahan, 2005.

711 H838

City form and natural process: towards a new urban vernacular by Michael Hough. New York: Van Nostrand Reinhold, 1984.

720.47 E617

Environmental resource guide on CD-ROM [electronic resource]: includes 1997 and 1998 updates by the American Institute of Architects. New York, N.Y.: John Wiley, 1999.

720.47 M538H.

The HOK guidebook to sustainable design by Sandra Mendler, William Odell, Mary Ann Lazarus.

720.47 Y38E

Ecodesign: a manual for ecological design by Ken Yeang. London, UK : Wiley, 2006.

720.472 N532

High performance building guidelines by City of New York Department of Design and Construction. [New York] : City of New York Dept. of Design and Construction, [1999].

721.046 L462

Environmental by design: a sourcebook of environmentally aware choices by Kim Leclair & David Rousseau. Point Roberts, WA: H & M Publishers, c1992.

725.230905 G798

Green office buildings: a practical guide to development by editor, Anne B. Frej ; primary authors, William D. Browning ... [et al.], 2005.

728.6 B786

Healthy house building for the new millennium: a design & construction guide by John Bower. Bloomington, IN: Healthy House Institute, c2000.

728.60904 W678.

Eco: an essential sourcebook for environmentally friendly design and decoration by Elizabeth Wilhide. New York : Rizzoli, 2003.

BOOKS

Online catalog: <http://prattcat.pratt.edu>

309.26 G653.

The double E by Percival Goodman.

711.4 S772.

Architect and community: environmental design in an urban society.

711.973 G525.

Skinny streets and green neighborhoods: design for environment and community by Cynthia Girling, Ronald Kellett.

720.1 A674A.

Architecture for people: explorations in a new humane environment edited by Byron Mikellides.

720.1 D285.

Designing places for people: a handbook on human behavior for architects, designers, and facility managers by C.M. Deasy.

720.1 D989.

Dwelling, seeing, and designing: toward a phenomenological ecology edited by David Seamon.

720.1 Q1.

The environmental memory: man and architecture in the landscape of ideas by Malcolm Quantrill.

720.1 T124.

Architecture and utopia: design and capitalist development by Manfredo Tafuri.

720.108 T882.

Evolutionary architecture: nature as a basis for design by Eugene Tsui.

720.47 W759

Sustainable design for interior environments by Susan M. Winchip (2007).

720.47 G798.

Green architecture guest-edited by Brian Edwards.

720.47 G986.

Sustainable architectures: cultures and natures in Europe and North America edited by Simon Guy and Steven A. Moore.

720.47 H141.

Taking shape: a new contract between architecture and nature by Susannah Hagan.

720.47 K46.

Sustainable construction: green building design and delivery by Charles J. Kibert.

720.47 M279.

Manmade modular megastructures by guest-edited by Ian Abley + Jonathan Schwinge.

720.47 M665.

Building with earth: design and technology of a sustainable architecture by Gernot Minke.

720.47 S8478.

Sustainable architecture white papers.

720.47 S998.

Introduction to architectural science: the basis of sustainable design by Steven V. Szokolay; graphics assistance by Christopher Brisbin.

720.47 T455.

Architecture and the urban environment: a vision for the new age by Derek Thomas.

720.47 W732.

Understanding sustainable architecture by Terry Williamson, Anthony Radford, and Helen Bennetts.

720.47 Y38E

Ecodesign: a manual for ecological design by Ken Yeang.

720.470904 B918.

Ten shades of green: architecture and the natural world by Peter Buchanan.

720.86 D457

Design like you give a damn: architectural responses to humanitarian crisis by Architecture for Humanity.

720.973 L112M.

Mainstream Green: sustainable design by LPA.

720.973 S685L

Soleri: architecture as human ecology by Antonietta Iolanda Lima.

724.6 M646.

Millennium architecture guest-edited by Maggie Toy and Charles Jencks.

725.230905 G798

Green office buildings: a practical guide to development edited by Anne B. Frej

728.047 G278

Sustainable living: 25 international examples by Dominique Gauzin-Müller.

728.0973 M147.

Living homes: sustainable architecture and design by Suzi Moore McGregor and Nora Burba Trulsson

728.604 P849.

Solar architecture in cool climates by Colin Porteous with Kerr MacGregor.

728.60904 M915.

Sustainable architecture: lowtech houses by [author, Arian Mostaedi].

728.609049 S785

The green house: new directions in sustainable architecture by Alanna Stang and Christopher Hawthorne.

745.2 M136

Cradle to cradle: remaking the way we make things by William McDonough.

745.2 P213G

The green imperative: natural design for the real world by Victor Papanek.

745.2 W594

Design for society by Nigel Whiteley.

745.20904 F949

Eco design: the sourcebook by Alastair Fuad-Luke.

745.20905 B877

Experimental eco->design: architecture by fashion by product By Cara Brower, Rachel Mallory, Zachary Ohlman.

745.20973 G798

Green products by design: choices for a cleaner environment.

VIDEO

E². Design Season 2 [videorecording] by Kontentreal Production. PBS Home Video, 2007.

The next industrial revolution [videorecording]: William McDonough, Michael Braungart & the birth of the sustainable economy by directed by Chris Bedford & Shelley Morham. Bullfrog Films, 2001.

FINDING ARTICLES

The library catalog lists books and journals, not the chapters or articles inside them. To find articles on a particular topic, use the **electronic databases**.

ARTbibliographies Modern

Abstracts of journal articles, books, essays, exhibition catalogs, dissertations and exhibition reviews with comprehensive bibliographic coverage of modern and contemporary art, architecture, design and photography. The time period coverage includes the 19th and 20th centuries. Covers literature published since 1974. A list of periodicals indexed is available.

Art Index and Art Index Retrospective

Indexes citations to articles from over 600 journals published worldwide with broad coverage of art-related topics including fine, applied and media arts, architecture, and design. Also indexes reproductions of works of art that appear in the indexed journals. A list of periodical titles for either Art Index or Art Index Retrospective is available. Indexes **Print, ID, Eye and Communication Arts Magazine**.

Avery Index

Most comprehensive listing of journal articles on architecture and design, history and practice of architecture, landscape architecture, city planning, historic preservation and interior design and decoration. Indexes articles from nearly 800 US and foreign architectural journals published worldwide. Records date from the 1860s to the present.

Design and Applied Arts Index (DAAI)

Indexes over 500 journals that cover industrial design, interior design, fashion, graphic design, typography, packaging, etc., since 1973. Supplementary databases provide contact information for craft & design organizations, special collections of design & craft, design & craft education programs, and periodicals. Online help is available. Coverage is worldwide. Updated annually.

Grove Dictionary of Art

Contains over 41,000 articles on the art and architecture of Asia, Africa, Europe, the Americas and the Pacific, with links to images and further information in museum and other art-related web sites. Help is available.

OmniFile

A multi-disciplinary database providing the complete content - indexing, abstracts, and full text - from six of Wilson's full-text databases: Education Full Text, General Science Full Text, Humanities Full Text, Readers' Guide Full Text, Social Sciences Full Text, and Wilson Business Full Text. Also included, when available, are full-text articles from five additional periodical databases: Applied Science & Technology Full Text, Art Full Text, Biological & Agricultural Index, Index to Legal Periodicals & Books, and Library Literature & Information Science Full Text.

Material Connexion

An online database of over 1,400 materials and processes of the latest materials typically unnoticed or difficult to reach by the design community. For architecture, interiors, furniture design, sports related design, consumer product design, apparel, automotive design, aerospace, military, medical, environmental design.

JSTOR

An archive of scholarly journals. JSTOR offers researchers the ability to retrieve high-resolution, scanned images of journal issues and pages as they were originally designed, printed, and illustrated. The journals archived in JSTOR span many disciplines. For more information about the JSTOR collections, please visit <http://bywww.jstor.org/aboutbycollection.list.html>. **JSTOR is not a current issues database**. Because of JSTOR's archival mission, there is a gap, typically from 1 to 5 years, between the most recently published journal issue and the back issues available in JSTOR.