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
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
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

Brooklyn Reference 724.603 E562, Vol. 1-3
Brooklyn Reference 363.7003 E61

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

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.

362.47 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

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

720.47 E617

720.47 M538H.
The HOK guidebook to sustainable design by Sandra Mendler, William Odell, Mary Ann Lazarus.

720.47 Y38E

720.472 N532

721.046 L462

725.230905 G798
Green office buildings: a practical guide to development by editor, Anne B. Frej ; primary authors, William D. Browning ... [et al.], 2005.


BOOKS
Online catalog: http://prattcat.pratt.edu
Sustainable architecture white papers.

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

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

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

Ecodesign: a manual for ecological design by Ken Yeang.

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

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

Mainstream Green: sustainable design by LPA.

Soleri: architecture as human ecology by Antonietta Iolanda Lima.

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

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

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

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

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

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

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

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

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

Design for society by Nigel Whiteley.

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

Green products by design: choices for a cleaner environment.

VIDEO


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

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://bybywww.jstor.orgbyaboutbycollection.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.

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