

## Sustainable Building Information

Organization	Website	Notes
US Green Building Council	<a href="http://www.usgbc.org">www.usgbc.org</a>	A nonprofit, consensus coalition to promote green building. Developed LEED (Leadership in Energy and Environmental Design) Green Building Rating System™ a voluntary, consensus-based national standard for developing high-performance, sustainable buildings. A clear leader in the green building movement, USGBC's website offers its research and publications as well as news, events, and green building links.
The Rocky Mountain Institute	<a href="http://www.rmi.org">www.rmi.org</a>	Another leader in the field of sustainable development, RMI's site has 2 basic introductory brochures on green building as well as a host of other sustainable materials.
Sustainable Building Industry Council	<a href="http://www.sbicouncil.org">www.sbicouncil.org</a>	SBIC offers professional training, consumer education, and energy analysis tools. SBIC provides accurate, easy-to-use guidelines, software, and general information about energy conservation measures, energy efficient equipment and appliances, daylighting, and sustainable architecture.
Healthy Building Network	<a href="http://www.healthybuilding.net">www.healthybuilding.net</a>	The Healthy Building Network (HBN) is a national network of green building professionals, environmental and health activists, socially responsible investment advocates and others who are interested in promoting healthier building materials as a means of improving public health and preserving the global environment.
State of California Sustainable Building Program	<a href="http://www.ciwmb.ca.gov/GreenBuilding">www.ciwmb.ca.gov/GreenBuilding</a>	State site offering a sustainable building tool kit, a blueprint for state facilities, case studies, and information on training programs.
State of California Sustainable Building Guidelines	<a href="http://www.ciwmb.ca.gov/GreenBuilding/Design/Guidelines.htm">www.ciwmb.ca.gov/GreenBuilding/Design/Guidelines.htm</a>	A compilation of national green building guidelines includes performance or prescriptive instructions for designers and builders to use in construction projects. These instructions address materials use, design principles, and construction techniques.
<a href="#">Green Buildings</a>	<a href="http://www.sustainable.doe.gov">www.sustainable.doe.gov</a>	Resources include explanations of

Center of Excellence for Sustainable Development U.S. DOE		building principles; building programs; rating systems; codes and ordinances; green building efforts and successes in the U.S.; and publications and educational materials.
Smart Communities Network U.S. DOE	<a href="http://www.sustainable.doe.gov/buildings/gbcodtoc.shtml">www.sustainable.doe.gov/buildings/gbcodtoc.shtml</a>	Green building codes and ordinances from across the nation.
Sustainable Building Directory: US NPS	<a href="http://www.nps.gov/sustain/">www.nps.gov/sustain/</a>	Searchable site with information on sustainable communities, facilities, and products.
Energy Efficient and Renewable Energy Network: DOE	<a href="http://www.eren.doe.gov/building">www.eren.doe.gov/building</a>	Building information for homeowners; commercial owners; builders and designers; researchers, and public officials.
Green Design Network	<a href="http://www.greendesign.net">www.greendesign.net</a>	Resource site containing newsletters and publications; a searchable data base; and regional directories.
Environmental Building News	<a href="http://www.ebuild.com">www.ebuild.com</a>	The leading Newsletter on environmentally responsible design and construction. Articles, reviews, and news stories; Green Building Advisor interactive software; links to other resources.
Oikos Green Building Source	<a href="http://www.oikos.com">www.oikos.com</a>	A variety of links and resources focusing on applied aspects of green building, including a link to an electronic bookstore which features some of the best titles on sustainable construction.
City of Austin Green Building Site	<a href="http://www.greenbuilder.com">www.greenbuilder.com</a>	Links to most of the happenings in the green building world. The main feature is the City of Austin's Green Building Guide, featuring extensive knowledge and design advice in the primary areas of water, energy, materials, and waste.
Seattle Sustainable Building	<a href="http://www.cityofseattle.net/sustainablebuilding">www.cityofseattle.net/sustainablebuilding</a>	The City promotes increased environmental performance of Seattle's buildings- find out how!
Sustainable Building Source Book	<a href="http://www.greenbuilder.com/sourcebook/">www.greenbuilder.com/sourcebook/</a>	Over 40 chapters on many important aspects of building sustainably - whether building new or remodeling - from rainwater harvesting to composting toilets, from radiant barriers to flyash concrete, from insulation to non-toxic termite control.
Georgia Tech's Sustainable Facilities & Infrastructure Program	<a href="http://maven.gtri.gatech.edu/sfi">http://maven.gtri.gatech.edu/sfi</a>	A site rich in sustainable building information including: selected publications, information about courses and training opportunities, databases, a virtual tour of a green building, and links to other sites.

## Suggested Sustainable Facility References

### Annotated Bibliography

Barnett, D. L. and Browning, W. D. (1995). *A Primer on Sustainable Building*. Rocky Mountain Institute. Snowmass, CO.

Written for architects, developers, general contractors, landscapers, and home owners, this book demonstrates how a holistic approach to design can result in a building even better than the sum of its parts. Topics include site and habitat restoration, transportation integration, edible landscapes, energy-efficient design, materials selection, indoor air quality, and cost implications, plus an extensive bibliography and source lists.

City of Austin, Texas. (1992). *Sustainable Building Source Book*. City of Austin. Austin, Texas.

Over 40 chapters on many important aspects of building sustainably - whether building new or remodeling - from rainwater harvesting to composting toilets, from radiant barriers to flyash concrete, from insulation to non-toxic termite control. Chapters include information on water (pervious materials, water budgets, indoor water conservation, etc), energy (passive solar design, earth sheltered design, landscaping for energy efficiency and more), building materials (lumber, flooring, roofing, structural, etc), and solid waste (recycling and composting systems). The Source Book is downloadable at: [www.greenbuilder.com/sourcebook/](http://www.greenbuilder.com/sourcebook/)

Kats, G. (2003). *The Costs and Financial Benefits of Green Building: A Report to California's Sustainable Building Task Force*. State of California. Sacramento, CA.

This study represents the most definitive cost benefit analysis of green building ever conducted. It demonstrates conclusively that sustainable building is a cost-effective investment and its findings should encourage communities across the country to build green. The report includes chapters on what green building is, life cycle assessment, the cost of building green, energy use, water conservation, resource use, waste reduction, among others. This report is downloadable at [www.usgbc.org/docs/news/news477.pdf](http://www.usgbc.org/docs/news/news477.pdf) .

Sustainable Building Industries Council. (2003). *Green Building Guidelines, 4<sup>th</sup> Edition*. Sustainable Building Industries Council. Washington, D.C.

"Green Building Guidelines: Meeting the Demand for Low-energy, Resource-efficient Homes" is designed for home builders and homebuyers who are new to high-performance home design. The handbook provides hundreds of tips, references and contacts in an easy-to-read format. It explains how to apply siting and orientation, energy efficiency, passive and active-solar strategies, natural ventilation, water conservation and appropriate building materials to home designs early in the process, so that the finished product is truly "green." Most chapters contain examples of completed projects that illustrate the material in that chapter as well as rules of thumb, checklists and tips.

US Green Building Council, editor. (2003). *Sustainable Building Technical Manual*. US Green Building Council. Seattle, WA.

This manual helps designers, builders, owners and operators of public and private facilities implement green strategies. It offers step-by-step guidelines for energy- and resource-efficient building during predesign, design, construction, operations and management. Its authors include 22 national experts throughout all aspects of a sustainable building project. The manual is organized in seven parts, along with an Introduction and Appendix. Part I discusses the economic and environmental significance of sustainable buildings. Parts II through VI describe the sequential design, construction, and operational process for a building project, and part VII reviews sustainable building financing issues and opportunities for local governments, as well as future green building issues and trends. The manual is downloadable at [www.usgbc.org/Resources/SBTM.asp](http://www.usgbc.org/Resources/SBTM.asp) .

### **Green Building Materials: A Guide to Product Selection and Specification**

Part of the Wiley Series in Sustainable Design, this book is a hands-on guide to today's wide range of green building materials--what they are, where to find them and how to use them effectively. Written by two nationally known experts on green building methods and materials, "Green Building Materials" offers in-depth practical information on the product selection, product specification, and construction process. The section-by-section specification summary of environmental issues is organized using the CSI "MasterFormat" numbering system for fast access to specific information. Call (954) 463- 8900, Ext. 24 or Email [RSpiegel@ftae.com](mailto:RSpiegel@ftae.com) for further information.

### **Local LEED Certified Buildings**

<b>Building</b>	<b>Owner</b>	<b>Location</b>	<b>LEED Level</b>
So Campus Office Development	Toyota Motor Sales	Torrance, CA	GOLD
NRDC So Cal Headquarters	NRDC	Santa Monica, CA	
Debs Park Nature Center	National Audubon	Los Angeles, CA	PLATINUM
Donald Bren School of Environmental Science & Management	UCSB	Santa Barbara, CA	
Energy Resource Center	So Cal Gas Co	Downey, CA	Certified
Capitol Area East End Complex	State of California Dept of General Services	Sacramento, CA	GOLD

For a more comprehensive list of California case studies, please visit [www.ciwmb.ca.gov/GreenBuilding/](http://www.ciwmb.ca.gov/GreenBuilding/)

Ackoff, R. (1978). *The Art of Problem Solving Accompanied by Ackoff's Fables*. John Wiley & Sons. New York, NY.

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