

Information on Geology

Field Guides:

[Texas Rocks and Minerals: An Amateur's Guide](#)

By R.M. Girard. 1979. Guidebook 6, Bureau of Economic Geology, The University of Texas at Austin. Austin, TX.

[Roadside Geology of Texas,](#)

by Darwin Spearing. Mountain Press Publishing Co. Missoula, MT.

Internet Resources:

The Walter Geology Library - Collection Guides

<http://www.lib.utexas.edu/geology/>

Geologic Time - Online Edition

Comprehensive web page from the U.S.G.S.

<http://pubs.usgs.gov/gip/geotime/>

Igneous, Metamorphic, and Sedimentary Rock Info

www.rocksandminerals.com/rockcycle.htm

Austin Geological Society

www.austingeosoc.org/

Geology: Central Texas Features:

[Austin, Texas, and Beyond - Geology and the Environment: A Field Excursion in Memory of L. Edwin Garner,](#)

coordinated by C.M. Woodruff, Jr. and E.W. Collins. 2001. Guidebook 21, Austin Geological Society. Austin, TX.

[Down to Earth at McKinney Falls State Park, Texas,](#)

by Jay A. Raney. 1997. Bureau of Economic Geology. University of Texas. Austin, TX.

[Guide to Points of Geologic Interest in Austin,](#)

by A.R. Trippet and L.E. Garner, 1992. Guidebook Number 16, 4th printing, Bureau of Economic Geology. University of Texas. Austin, TX.

[Down to Earth at Pedernales State Park, Texas,](#)

by E.G. Wermund and V.E. Barnes. 2003. Publ. DE0005, Bureau of Economic Geology. University of Texas, Austin, TX.

[Enchanted Rock State Natural Area -- A Guide to the Landforms,](#)

Information on Geology

by J.F. Petersen. 1984. Terra Cognita Press. San Marcos, TX.

[Geology of Pedernales Falls State Park and Enchanted Rock State Natural Area,](#)

by R. LaRell Nielson and Chris A. Barker 2011

Geology of the Austin Area

www.lib.utexas.edu/geo/ggdc/geoaustin.html

Aquifers & Caves:

Groundwater Flow and Recharge within the Barton Springs Segment of the Edwards Aquifer, Southern Travis County and Northern Hays County, Texas: Ph.D. Dissertation., University of Texas at Austin, Texas. 328 p

by Hauwert, Nico M., 2009,

Fairly comprehensive overview of the Edwards Aquifer in south Austin

<https://repositories.lib.utexas.edu/handle/2152/14107>

Barton Springs Interactive CD

documentary of Barton Springs and the Edwards Aquifer

www.tec.org/bartonsprings/index.html

Karst Waters Institute

www.karstwaters.org/

Texas Cave Management Association (TCMA)

www.tcmacaves.org/

UT Environmental Science Institute: Edwards Aquifer

<http://www.esi.utexas.edu/outreach/k-12-teacher-and-informal-educator-resources/caves-a-window-into-the-edwards-aquifer/>

General information on the Trinity Aquifer

www.edwardsaquifer.net/trinity.html

Groundwater Availability of the Trinity Aquifer, Hill Country Area, Texas:

Numerical Simulations through 2050 by Dr Robert Mace TWDB

www.edwardsaquifer.net/pdf/Report_353.pdf

Geologic framework and hydrogeologic characteristics of the Edwards aquifer outcrop (Barton Springs segment), northeastern Hays and southwestern

Travis Counties, Texas. Small, Hanson, & Hauwert. 1996

<http://pubs.er.usgs.gov/publication/wri964306>

Information on Soil

Publications:

[Dirt: The Ecstatic Skin of the Earth,](#)

by William Bryant Logan. 1995. Riverhead Books. New York, NY.

[SOIL! Get the Inside Scoop,](#)

by David Lindbo and others. 2008. Softcover, 32 pages. Soil Science Society of America, Madison, WI.

[Tales from the Underground,](#)

by David E. Wolfe. 2001. Perseus Publishing. Cambridge, MA.

[The Nature and Property of Soils,](#)

12th ed., Nyle C. Brady and Ray R. Weil. 1998. Prentice Hall, Upper Saddle, NJ. (newer additions available)

[The Soul of Soil,](#)

4th ed., by Joe Smillie and Grace Gershuny. 1999. Chelsea Green Publishing Co. White River Junction, VT.

[Saving our Soil: Solutions for Sustaining Earth's Vital Resource,](#)

by James Glanz. 1995. Johnson Printing. Boulder, CO.

[Soil Science Simplified,](#)

4th ed., Helmut Kohnke and D.P. Franzmeier. 1995. Waveland Press, Inc. Prospect Heights, IL.

[Sustaining Our Soils and Society,](#) (PDF download)

by Thomas E. Loynachan, Kirk W. Brown, Terence H. Cooper, and Murray H. Milford. 1999. AGI Environmental Awareness Series, 2. American Geological Institute. Alexandria, VA.

[Urban Soil Primer,](#) (PDF download)

4th ed., by Scheyer, JM and KW Hipple. 2005. USDA, Natural Resources Conservation Service, Natl. Soil Survey Center.

[Soil Biology Primer,](#) (On-line Book)

by Elaine R. Ingham, Andrew R. Moldenke, and Clive A. Edwards. 2000. Soil and Water Conservation Society, Ankeny, IA.

Information on Soil

Internet Resources:

Soil Science Society of America

<https://www.soils.org/>

NRCS Soils Web Page - Excellent resource – historical soil survey publications; soil geography; soil quality; the Soil

<http://www.nrcs.usda.gov>

Web Soil Survey

<http://websoilsurvey.sc.egov.usda.gov/>

SoilWeb – Online Soil Survey Browser for different interfaces:

<http://casoilresource.lawr.ucdavis.edu/soilweb-apps/>

From the Surface Down - An excellent guide to soil survey publications.

http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_053238.pdf

Soil Health - Excellent resource to help you improve your soils

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>

Soil Science Society of America – K-12 Education Resources

www.soils4teachers.org/

Microbe Zoo - Digital Learning Center for Microbial Ecology, see section on soil microbes

<http://commtechlab.msu.edu/sites/dlc-me/>

Glomalin – The Soil's Superglue

<http://agresearchmag.ars.usda.gov/1997/oct/glomalin>

Soil Biological Communities - The dirt on dirt

<http://www.blm.gov/nstc/soil/index.html>

EarthKind Landscaping Education - Information on compost, mulching, beneficial insects, rainwater harvesting, etc.

<http://aggie-horticulture.tamu.edu/earthkind/>

I ♥ Soil - Do You Know The Story of Soil?

<https://www.soils.org/discover-soils/i-heart-soil>

Jon Brandt (CAMN Class of '99) Pinterest Board on Soils - Always changing

<https://www.pinterest.com/jebbrandt99/soil/>

Information on Soil

Ecosystem Services: A Primer

<http://www.actionbioscience.org/environment/esa.html>

Symphony of Soil - A video exploration of the miraculous substance soil

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