

Geoscience Information Resources

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- Publishers of Geologic Material: See [Geology Librarians' Resources](#)
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- [Soils/Pedology/Paleopedology](#)
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- [Space](#)
- [Stable Isotopes](#)
- [Stratigraphy/Sedimentology](#)

- [Geochemistry](#)
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- [Geomagnetism](#)
- [Geomorphology](#)
- [Geophysics](#)
- [Glaciology](#)
- [Gravity](#)
- [Hazards, Natural](#)
- [History of Geology](#)
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- [Used and Out of Print Book Dealers](#)
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Internet Information Resources for the Geosciences

Acronyms & Abbreviations

[Journal Abbreviations](#) (ISI Web of Knowledge)
[Journal Abbreviations](#) (Chem Abstracts; used by AGU)
[A Dictionary of Quaternary Acronyms and Abbreviations](#)
[Geo-Guide Acronyms and Abbreviations](#)

Agencies, Organizations, Institutions, Associations

[Other Sources of Geologic Information by State](#)
[Professional Geoscience Organizations](#)
[Professional Societies and Associations in Geology](#)
[Other Professional Organizations](#) - AASG
[Foreign Government Sites](#) - AASG
[UniGuide to U.S. Universities](#) - Aldea Communications
[Geoscience Departments Directory](#)
[Links to DNR Home Pages, USA & Canada](#)

Institutions and Associations

[American Association of Petroleum Geologists](#)
[American Geological Institute](#)
[American Geophysical Union](#)
[American Quaternary Association](#)
[American Society of Civil Engineers \(Geotechnical Division\)](#)
[American Water Resources Association](#)
[Association of American Geographers](#)
[Association of Engineering Geologists](#)
[Canadian Information by Subject](#)
[Circum-Pacific Council for Energy and Mineral Resources](#)
[Council for Geoscience](#) - South Africa
[Earth, Environment and Oceans Network](#) (EEON) - UK scientific societies in the area of Environmental Science
[Earth Sciences and Resources Institute \(ESRI\)](#) - a collaborative geoscience research organization.
[Earth System Science Center](#) - Pennsylvania State University (Links to over 140 earth science education resources)
[Friends of the Pleistocene](#)
[Geological Association of Canada](#)
[Geological Societies](#) - U. British Columbia Library
[Geological Society of America Home Page](#)

[Geologists Association](#)

[**Geoscience Information Society**](#)

[INQUA](#)

[International Association of Hydrological Sciences](#)

[International Oil Scouts Association](#)

[International Union of Geological Sciences](#)

[Directory of Affiliated Organizations](#)

[Mineralogical Association of Canada](#)

[New York State Geological Association](#)

[Palaeontological Society](#)

[Professional Organizations](#) - Northwest Geological Society

[**Resources of Scholarly Societies - Earth Sciences**](#)

[Sigma Gamma Epsilon](#) - The National Honor Society for the Earth Sciences

State Geological Surveys and Agencies

[Association of American State Geologists](#)

[Geologic Information by State](#)

[State and Local Government Index](#)

United States Government Agencies

[U.S. Geological Survey Publications and Products](#)

[USGS Publications Warehouse](#)

[United States Government Agencies](#)

[SciTech Resources](#)

[U.S. Department of the Interior](#)

[U.S. Bureau of Land Management](#)

[U.S. National Park Service](#)

[U.S. Forest Service](#)

[U.S. Fish and Wildlife Service](#)

[Office of Surface Mining](#)

[U.S. Minerals Management Service](#)

[National Aeronautics and Space Administration \(NASA\)](#)

[National Oceanic and Atmospheric Administration \(NOAA\)](#)

[U.S. Army Corps of Engineers](#)

[U.S. Environmental Protection Agency \(EPA\)](#)

[U.S. Department of Energy \(DOE\)](#)

[FedWorld](#) - A window to many U.S. Federal information services.

[United States Geological Survey \(USGS\) Home Page](#)

[USGS Search Engine](#)

[NTIS Home Page](#)

[USDOC/NOAA/NESDIS/National Geophysical Data Center](#) - manages data for the fields of geophysics, marine geology, glaciology, and solar-terrestrial physics

[Sandia National Labs Geoscience & Environment Center](#) - supports research in

the areas of oil, gas, and geothermal energy recovery and storage, disposal of radioactive water, and contamination remediation.

[World Data Centers](#) - provide data to scientists worldwide.

[Pacific Marine Geology](#)

[NASA's Earth Observing System](#) - volcanology.

[\(Mid-Continent\) Ridge Interdisciplinary Global Experiment](#)

[USGS Earth Science Information Center Home Page \(ESIC\)](#) ([Canadian ESIC](#))

[State and Local Government Index](#)

National Government Agencies and Surveys

[Links to Geological Surveys](#) from Geological Survey of Japan

[Links to Geological Surveys](#) from Institut für Geowissenschaften

[Links to European Geological Surveys](#)

[Earth Sciences Information Centre of Canada](#)

[Geological Survey of Canada](#)

[British Geological Survey \(BGS\) Home Page](#)

[Canadian Information by Subject](#)

[Search for "Geological Surveys"](#)

[Natural Resources of Canada](#)

[National Surveys](#)

Universities and Colleges

[Europe](#), also Asia, America, Africa, and Australia/New Zealand

[UniGuide to U.S. Universities](#)

United States Geological and Mineralogical Societies

[Abilene Geological Society](#)

[Alabama Geological Society](#)

[Appalachian Geological Society](#)

[Austin Geological Society](#)

[Carolina Geological Society](#)

[Corpus Christi Geological Society](#)

[Dallas Geological Society](#)

[East Texas Geological Society](#)

[Fort Worth Geological Society](#)

[Four Corners Geological Society](#)

[Friends of the Pleistocene](#)

[Gulf Coast Association of Geological Societies](#)

[Geological Society of Iowa](#)

[Geological Society of Nevada](#)

[Houston Geological Society](#)

[LaFayette Geological Society](#)

[Michigan Basin Geological Society](#)

[Mineralogical Society of America](#)
[Montana Geological Society](#)
[New Mexico Geological Society](#)
[North Texas Geological Society](#)
[Northwest Geological Society](#)
[Oklahoma City Geological Society](#)
[The Pittsburgh Geological Society](#)
[Rocky Mountain Association of Geologists](#)
[San Joaquin Geological Society](#)
[Shreveport Geological Society](#)
[Society of Economic Paleontologists and Mineralogists](#) (SEPM)
[Society of Exploration Geophysicists](#)
[Society of Independent Professional Earth Scientists](#)
[Society of Vertebrate Paleontology](#)
[South Texas Geological Society](#)
[Tulsa Geological Society](#) (unable to access 12/31/03)
[Utah Geological Association](#)
[West Texas Geological Society](#)
[Wyoming Geological Association](#)
[AAPG Related Organizations](#)

National and International Geological and Mineralogical Societies

[American Federation of Mineralogical Societies](#)
[Atlantic Geoscience Society](#) - Canada
[Canadian Society of Petroleum Geologists](#)
[Geological Society of Australia](#)
[Geological Society of London](#)
[Bulgarian Geological Society](#) (English version)
[Bulgarian Mineralogical Society](#)
[Geological Society of Denmark](#)
[Dutch Geological Society](#)
[Edmonton Geological Society](#)
[Geological Society of India](#)
[Geological Society of New Zealand](#)
[Yorkshire Geological Society](#)

Aurora

[Aurora Galleries](#) - SpaceWeather
[Aurora Live](#)
[Aurora Predictions](#)
[Space Weather](#)

Awards

[A Directory of Selected Awards....for the Geosciences](#)

Bibliographic Resources - Online; Searchable (Free)

[The Bibliography of the Grand Canyon and the Lower Colorado River](#)
[Bibliography of Fossil Vertebrates](#)
[Bibliography of Quaternary Entomology](#)
[Cold Regions Bibliography](#)
[Collective Bibliography of North Dakota Geology](#)
[Digital Bibliography of the Geology and Mineral Resources of Washington](#)
[Digital Dissertations from UMI ProQuest](#)
[Earthquake Engineering Abstracts](#) (no longer free after the end of January, 2004)
[Energy Citations Database \(1948- \)](#) - DOE OSTI
[E-Print Network](#) (formerly PrePrint Network)- DOE
[GeoRef Preview Database](#)
[GrayLIT Network](#) - Bibliography of gray literature of U.S. Federal Agencies
[Information Bridge](#) - DOE OSTI
[Ingenta](#) - Interdisciplinary
[Kansas Geological Survey Online Bibliography of Geology](#)
[National Landslide Information Database](#)
[National Sea Grant Library](#) - Searchable database and many free, full-text documents.
[NTIS](#) since 1990
PubSCIENCE - Discontinued November, 2002 - [OSTI](#); [Journal Sources](#)
[ResearchIndex](#)
[Selected Water Resources Abstracts](#)
[Union List of Field Trip Guidebooks of North America Online](#)

Bibliographic Resources - Online; Commercial; Information About

[GeoRef](#) - also [GeoRef Preview Database \(free\)](#)
[GeoBase](#)
[Current Contents](#)
[Web of Science](#)
[Ei Compendex](#)
[Conference Papers Index](#)
[Environmental Sciences and Pollution Management](#)
[Water Resources Abstracts](#)
[NTIS](#) - [subset free](#)
[Chemical Abstracts](#)
Aquatic Sciences and Fisheries Abstracts
[Dissertation Abstracts](#) - [subset free](#)
[Proceedings First](#)
Petroleum Abstracts

Bibliographies and Guides

Field Trip Bibliographies

[Death Valley](#) - References and Web Links

[North Dakota Badlands](#) - References

[South Dakota Slim Buttes](#) - References

[Washington State](#) - Bibliography

[Western Dakotas](#) - References

Other Bibliographies

[Bibliography of Illinois Geology](#) - ISGS Library

[Collective Bibliography of North Dakota Geology](#) - Searchable; Over 4,000 entries

[Dating Methods for the Quaternary: Selected Bibliography](#)

[Global Climate Change](#)

[Popular Geology](#)

[Red River of the North, Flooding](#) - References

[Williston Basin Formations](#) - References

Guides to Materials

Guides for Writers

[GSA Style Guide](#) - Link

[AGU Style Guide](#) - Link

[AGU Tools for Authors](#) - Link

[Suggestions to Authors of the Reports of the United States Geological Survey](#)

Climate

See [Environment, Climate and Global Change](#)

Conferences and Meetings

[AAPG](#)

[AGU Geophysical Year Calendar](#)

[AGI](#)

[GSA](#)

[32nd International Geological Congress](#) (August, 2004)

Contemporary Applications...in the news

[NASA Headlines Archive](#)

[ScienceOnline](#)

[Afghanistan Geology](#)

[Technology alone may not find bin Laden's cave](#) - Associated Press, 10/30/01

[Geology may give bin Laden away](#) - San Francisco Chronicle, 10/15/01

[Applying geology at World Trade Center site](#) - Geotimes 11/01

Data

[Antarctic Environmental Data Centre](#)

[ATSR \(Along Track Scanning Radiometer\)](#) - infrared images of the Earth

[Cornell](#)

[Data](#) - USGS

[Data](#) - Canada

[Digital Library for Earth System Education \(DLESE\)](#)

[EROS](#)

[Federal Geographic Data Committee](#)

[GeoData](#) - NSF Global Change Research Programs (Dead link; trying to find)

[Geodata.gov](#)

[Global Change Master Directory](#)

[Metadata Catalogs](#) - Center for International Earth Science Information Network (CIESIN)

[The National Geoscience Data Repository System \(NGDRS\)](#) - AGI

[U.S. Geological Survey Field Records Library](#) (Denver Federal Center)

[U.S. Geological Survey Field Photograph Collection](#) (Denver Federal Center)

[USGS Water Resources of the United States](#) - 100 years of archival and real-time streamflow data

[World Data Center](#)

[Computer-Oriented Geological Society \(COGS\)](#)

[National Spatial Data Infrastructure \(NSDI\) MetaData Sites](#) (dead link; trying to find)

[National Archive of Marine Seismic Surveys \(NAMSS\)](#)

[Quaternary & Climate Change](#); Links to Databases, Data Sets, and Maps

[Real Time Data](#) - USGS

[USGS Geospatial Data Clearinghouse](#)

[GIS World Wide Web Sites](#)

[Geo-Environmental Software](#)

[Pangaea: Network for Geological and Environmental Data](#)

[Frozen Ground Data](#)

[Complete List of Online Illinois Data](#)

Dating Methods

[Archaeological Dating Methods](#) - Links

[Dating Methods for the Quaternary: Selected Bibliography](#)

[Geologic Time](#) - USGS
[Isochron Dating](#)
[Radiocarbon](#) - Journal
[Radiocarbon Dating Laboratory](#)
[Radiometric Dating](#) - Paper by Dr. Roger C.
[Stable Isotopes](#)
[Ultimate Tree-Ring Web Pages](#) - Dendrochronology

Dissertations

[ProQuest Digital Dissertations](#) - Full text of dissertations and theses published after 1996; available for UIUC patrons.
[Current Research](#) - CIC Dissertations

Document Delivery

[Digital Document Delivery Center](#) - Delivery of full-text copies of Chinese-language academic journal articles
There are a number of Document Delivery options available at UIUC; See your Geology Librarian.

Earthquakes; Seismology

[Earthquake Engineering Research Center](#) - National Information Service for Earthquake Engineering (NISEE)
[The Live Internet Seismic Server](#)
[Near Real Time Earthquake List](#) - NEIC
[Maps of Recent Earthquake Epicenters](#)
[National Earthquake Information Center](#) - USGS
[Canadian National Earthquake Hazards Program \(NEHP\)](#)
[California Earthquake Maps](#)
[Seismicity](#) - Southern California
[Southern California Shake Movie](#)
[Earthquake Lists and Popular Topics](#) - USGS
[This Day in Earthquake History](#)
[Earthquakes](#) - The Tech Museum
[Public Seismic Network](#)
[USGS Earthquake Hazards Program](#)
[World-Wide Earthquake Locator](#)
[Earthquake Maps](#) - Cooperative Institute for Research in Environmental Sciences (CIRES)
[WinQuake](#)
[Incorporated Research Institutions for Seismology \(IRIS\)](#)
[Virtual Courseware: Earthquake](#)
[Undead Earthquakes](#) - Musson, Journal of Seismology, v.9, n. 1, p. 111-114 (**subscription only**)

Earth Science Week

[Earth Science Week](#)

Educational Resources

[Digital Library for Earth System Education \(DLESE\)](#)

[Earth Science World - from AGI](#) (award winning website)

[Geologic Time](#)

[On the Cutting Edge](#) - Teaching resources for geoscience faculty; sponsored by NAGT/DLESE

K-12 Education

[Exploring Earth](#)

[K-5 GeoSource](#) - AGI

[USGS Repeat Photo Project](#)

[NASA Kids' Club](#)

Electronic Journals Lists

[Lists from NewJour Archives](#)

[Electronic Journal Miner](#) from The Alliance

[Electronic Journals: A Selected Resource Guide](#) from Harrassowitz

Engineering Geology

[Landslides in Nebraska](#) - Duane A. Eversoll

[Sea Cliffs, Beaches, and Coastal Valleys of San Diego County](#): Some Amazing Histories and Some Horrifying Implications, by Gerald C. Kuhn and Francis P. Shepard, University of California Press.

[National Landslide Information Database](#)

Environment and Global Climate Change

[Basins](#) - EPA; Environmental, Water

[British Natural Environment Research Council \(NERC\)](#)

[Canadian Climate Impacts and Adaptation Research Network](#)

[Carbon Fund](#) - calculator

[Coastal Risk Atlas](#) - NCDDC/NOAA

[Earth, Environment and Oceans Network \(EEON\)](#) - UK scientific societies in the area of Environmental Science

[EarthTrends - The Environmental Information Portal](#)

[GNET](#) - The Global Network of Environment & Technology

[Past Global Changes](#)

[Global Change Master Directory](#) - NASA

[Hanford Technical Library](#)

[Joint Global Ocean Flux Study](#)
[International Human Dimensions on Global Environmental Change Programme](#)
[Paleoclimate; Global Warming](#) - NOAA
[Metadata Catalogs](#) - Center for International Earth Science Information Network (CIESIN)
[NOAA Paleoclimate Data](#)
[NCDC Online Climate Data](#)
[A Bibliography of Wind Erosion and Related Phenomena, to the End of 1989](#) - by Andrew Warren
[Is the Dust Bowl Returning?](#)
[Congressional Research Service Reports](#) - Includes reports on Natural Resources and Environmental Quality
[Science and Technology Sources on the Internet: Global Warming and Climate Change Science](#) K.T.L. Vaughan: Issues in Science and Technology Librarianship, Fall 2001.
[EPA Envirofacts Warehouse](#)
[Global Change Data and Information System \(GCDIS\)](#)
[Center for International Earth Science Information Network \(CIESIN\)](#) - Global Change in the areas of agriculture and forestry)
[National Library for the Environment \(CNIE\)](#) - Congressional Research Service Reports
[Environmental Links](#) - from NDGS Geosciences Department, Geology 396
Environmental Geology
[Superfund Query Form](#)
[Chemical Scorecard](#) - Environmental Defense Fund
[GeoIndex](#) - Search Engine for Companies, Associations, Education, and Government. Subjects include Environmental, Hydrology/Hydrogeology, Geotechnical, Mining, and Petroleum
[Rutgers University Institute of Marine and Coastal Sciences](#) - Marine Remote Sensing Lab
[Cold Regions Bibliography](#)
[Impact of Climate Change and Land Use on the Southwestern U.S.](#)
[US National Assessment of the Potential Consequences of Climate Variability and Change Regions & Mega-Regions](#)
[US Global Change Research Program](#)
[Land Use History of North America - \(LUHNA\):The Paleobotanical Record](#) - Includes use of packrat middens
[Simulated Changes in Plant Distributions](#) - USGS Circular 1153
[NOAA Paleoclimatology Program](#)
[What controls the advance and retreat of these large glaciers during the four long, cool periods?](#)
[Milankovitch Cycles in Paleoclimate](#)
[What is Glaciation?](#) - NOAA
[Ecological Subregions of the United States](#) - U.S. Forest Service
[Global Atlas of Paleovegetation Since the Last Glacial Maximum](#)
[Rapid Climate Change](#)
[NOAA Paleoclimatology Program](#)
[Land Use History of North America](#)

[Environmental and Engineering Geophysical Society](#)
[Columbia University's Center for International Earth Science Information Network \(CIESIN\)](#)
[The National Snow and Ice Data Center \(NSIDC\)](#)
[Dartmouth Flood Observatory](#)
[Center for Integration of Natural Disaster Information \(CINDI\)](#)
[USGS Landslides](#)
[Paleoclimatology Software](#)
[National Geophysical Data Center \(NGDC\)](#)
[EnviroFacts Data Warehouse and Applications](#)
[National Climatic Data Center \(NCDC\)](#)
[Climate Normals](#) - NOAA NCDC
[National Geophysical Data Center \(NGDC\)](#)
[National Oceanographic Data Center \(NODC\)](#)
[NOAA Server Data Directory](#)
[NOAA Central Library](#)
[Paleoclimate Slides](#) - NGDC NOAA
[Climate of Afghanistan](#)
[Scottish Environment Statistics Online](#)
[Principles for Managing Contaminated Sediment Risks at Hazardous Waste Sites](#)
[National Diatom Database](#) - Natural Resources Canada
[IRI Climate Information Digest](#)
[Pangaea: Network for Geological and Environmental Data](#)
[Atlantic and Gulf Rapid Reef Assessment \(AGRRA\)](#)
[Sea Cliffs, Beaches, and Coastal Valleys of San Diego County](#): Some Amazing Histories and Some Horrifying Implications, by Gerald C. Kuhn and Francis P. Shepard, University of California Press.
[Visible Earth](#) - NASA
[Past, Recent, and 21st Century Vegetation Change in the Arid Southwest](#) - USGS
[World Climate Research Programme](#)

Historic Climate Data

[WRCC Climate Division Monitoring Products](#) - Time history plot of precipitation or temperature
[Regional Climate Centers](#)
[National Climatic Data Center](#)
[CLIMVIS](#) - Graphs
[Climate Normals](#) - NOAA NCDC
[NNDC Climate Data](#)

Ice Cores

[Climate and Snow Research at High Elevations](#)
[The GISP2 Ice Coring Effort](#)
[The GRIP Ice Coring Effort](#)

[The GISP2 Ice Core Record](#) - Paleoclimate Highlights
[Reconstruction of Climate and Environmental Changes](#)
[The Ice Core Paleoclimatology Group](#)
[NOAA Ice Cores](#)

Packrat Middens

[Packrat Midden Research Methods](#)

[Fossil Packrat Midden Database](#) - USGS
[Past Climate and Vegetation Changes in the Southwestern United States](#) - Robert S. Thompson & Katherine H. Anderson
[Impacts of nineteenth century grazing at Capitol Reef National Park as determined through packrat midden analysis](#) - K. L. Cole
[The Holocene and Pleistocene vegetation history of the Grand Canyon](#) - K. L. Cole
[Ice-Age Vegetation of Kings Canyon, Sierra Nevada](#) - K. L. Cole
[Paleo Slide Set: Packrat Middens: Vegetation & Climate Variability in the Southwestern United States](#)

Tree Rings

[Ultimate Tree-Ring Web Pages](#)
[Staying Alive](#) - Oldest Living Thing: Brislecone Pine (Pinus longaeva)

Paleovegetation

[Review and Atlas of Paleovegetation](#)
[Global land environments since the last interglacial \(Paleovegetation\)](#)

Water Resources

See [Hydrology and Water Resources](#)

Weather and Climate; Meteorology

[National Weather Service](#)
[Meteorological Service of Canada](#)
[Interactive Weather Information](#)
[Weather](#) - CNN
[Illinois Weather](#)
[Global Weather](#) - NASA
[Aurora \(SpaceWeather\)](#)
[Aurora Page](#) - Michigan Tech
[Aurora Forecast](#) - University of Alaska
[Aurora: Geomagnetic Latitude](#)
[Auroras: Your Guide to the Northern and Southern Lights](#)

[Daily Weather Maps](#)
[Space Environment Center](#) (NOAA) - Includes Space Weather
[Climate Change and Its Potential Impacts on Tropical Cyclone Intensity and Frequency: A Bibliography of Scholarly Research](#) - NOAA Miami Regional Library
[Canadian National Geomagnetism Program](#)
[The Storm Prediction Center](#)
[National Weather Service](#)
[The Tornado Project Online](#)
[Weather and Climate Glossary](#)
[NOAA Climate Data](#)
[National Climatic Data Center](#)
[WRI Generated Synoptic Weather Maps](#)
[Internet Weather Resources](#)
[Oklahoma Weather Roundup](#) - links to other info
[Online Guides](#) - from UICU: Meteorology, Remote Sensing, Reading and Interpreting Weather Maps
[Snow Climatology](#)
[Frozen Ground Data](#)
[The Weather Calculator](#)
[Climate Timeline Tool](#) - NGDC, NOAA
[The Hydrologic Cycle](#) - University of Illinois

Expeditions (Scientific)

[Canary Islands](#) - The Humboldt Project of European Cultural Heritage Online (ECHO): Scientific Voyages to the Canary Islands in the Eighteenth and Nineteenth Centuries

Field Camps

[Geology Field Camps on the Web](#)

Field Trips

[USGS Geology in the Parks](#) - NPS
[Union List of Field Trip Guidebooks of North America Online](#)
[Virtual Field Trips](#) - CSULB
[Virtual Fieldtrips](#)
[Virtual Field Trips](#) - Steven Dutch, Natural and Applied Sciences, University of Wisconsin - Green Bay
[Virtual Fieldtrips, Monterey Bay Area, California](#)
[Virtual and On-line Geologic Field Trip Guides](#) - Walter Geology Library, University of Texas, Austin
[Glacier National Park Virtual Field Trip](#)
[Kentucky Paleontological Society - Past Field Trips](#)
See also [Illinois Virtual Fieldtrips](#)

[Illinois Field Trip Guidebooks](#) - ISGS Publications
[Virtual and On-line Geologic Field Trip Guides](#) - UT; Austin

Online Field Trip Guidebooks

[Quaternary and Late Pliocene Geology of the Death Valley Region](#) - USGS OFR 01-51; Pacific Cell FOP
Northern Walker Lane and Northeast Sierra Nevada - Friends of the Pleistocene, Pacific Cell, Fall trip, 2001 (could not access 1/1/04)
Owens Valley, California - Friends of the Pleistocene, Pacific Cell, Fall trip, 1997 (could not access 1/1/04)
[Independence Dikes and Mafic Rocks of the Eastern Sierra](#) - Geological Society of America Cordilleran Section Field Guidebook, 1998 (trip log available only in print version)
[Geology of Northeastern Kansas Field Trip](#) - Public Field Trip in Celebration of Earth Science Week, October 7, 2000; Kansas Geological Survey
[Geology of Northwestern Kansas](#)
[Geology of South-central Kansas](#)
[Lignite Creek and Healy Creek Coal Fields, Nenana Basin, Alaska](#) - AAPG-SEPM-SEG Pacific Section, 1985
[Tertiary coals in South Texas](#) - AAPG-EMD, 1999
[Geology and Coastal Hazards in the Northern Monterey Bay, California](#) - California Shore and Beach Preservation Association Conference, 2000 (USGS)
[Carolina Geological Society Field Trip Guidebooks](#)
[Selected Structural Features and Associated Dolostone Occurrences in the Vicinity of the Kentucky River Fault System](#) - Geological Society of Kentucky, 1975
[Economic and Engineering Geology of Jackson Purchase Area, Kentucky](#) - Kentucky Society of Professional Geologists, 2000
[Geologic Excursions in the Southern Appalachians, Tennessee, North Carolina, Georgia, and South Carolina](#) - University of Alabama, Department of Geology, 2001
[Coal Geology of the Paleocene-Eocene Calvert Bluff Formation \(Wilcox Group\) and the Eocene Manning Formation \(Jackson Group\) in east-central Texas](#) (USGS Open-File Report 95-595) - Field Trip Guidebook for The Society for Organic Petrology Twelfth Annual Meeting, The Woodlands, Texas, 1995
[Selected Fractured Glacial Till Sites and Soils in Central Ohio](#) (USGS) - Water Management Association of Ohio Spring Conference on Fractured Glacial Till, 1999

Helpful Supplemental Information When Organizing Field Trips:

[Background Notes](#) - for foreign travel; US Department of State
[Country Studies](#) - Library of Congress
[The World Factbook](#) - CIA;

Forensics

[Secrets Hidden in the Soil](#) - NASA
[Soils in Criminology Links](#) - NASA
[Forensic Geology](#) - SIU Class
[Forensics](#)
[Forensic Geology](#)
[Book Review](#)
[Article abstract](#)
[Devil in the Details](#) - Murray
[GeoForensics](#)
[Geologist Analyzes Soil Samples to Assist the Search for a Missing Person](#) - USGS
[Military Geology in a Changing World](#) - Geotimes
[Earthquake Technology Fights Crime](#) - USGS

Full Text Documents

[USGS Online Publications](#)
[USGS Fact Sheets](#)
[Water-Related USGS Online Publications](#)
[New Publications of the U.S.G.S.](#) - Some full text (see Fact Sheets)
[National Library for the Environment](#)
[National Academies Press](#)
[ProQuest Digital Dissertations](#) - Full text of dissertations and theses published after 1996
[Current Research](#) - CIC dissertations
[University of California Press](#)
[Virtual Technical Reports Center](#) - U. Maryland Libraries

Funding & Cooperative Agreements

[NSF Science and Technology Information System \(STIS\)](#)
[IRIS](#) (Illinois Research Information Service), a grant-finder (free for UIUC patrons; subscription otherwise)

General Links to Geologic Information

[Earth/Geoscience Information on the WWW](#) - ISGS
[Extreme Science \(Earth Science\)](#)
[The Virtual Library: Earth Science](#) - no longer maintained
[BUBL Link: Natural Sciences & Mathematics](#)
[Scout Report](#)
[PSIGate](#) - Physical Sciences Information Gateway
[Geoscience Internet Links](#)
[EINet Galaxy](#)
[Yahoo](#)
[GeoIndex](#) - Search Engine.

[Geologynet.com](http://geologynet.com)
[UniGuide to the Internet](#) - Aldea Communications
[Librarians' Index to the Internet](#)
[Science at NASA](#)
[Science News Online](#)

Geoarchaeology & Archaeology

See also [Dating Methods](#)
[North American Database of Archaeological Geophysics](#)
[Illinois Archaeological Survey](#)
[Archaeological Sites of Illinois](#)
[Cultural Resources Management Bibliography \(Illinois\)](#)
[Illinois Historic Preservation Agency](#)
[Visit an Archaeological Site](#)

Geochemistry

[Geochemistry on the World Wide Web](#) - Cornell
[IUGS/IAGC Working Group on Global Geochemical Baselines](#)
[USGS Software](#)
[WEB-PHREEQ: AQUEOUS GEOCHEMICAL MODELLING](#) - by David Parkhurst of the U.S.G.S.
[ChemFinder](#)
[GeoRoc](#) - Geochemistry of Rocks of the Oceans and Continents

Geography, Maps, GIS

Western Association of Map Librarians' [Map Librarian's Toolbox](#)
[UIUC Map and Geography Library Links](#)
[The 50 States of the United States](#)
[1570 Theatrum Orbis Terrarum](#) (Theater of the World) by Abraham Ortelius, (1527-1598)
[1895 Atlas](#)
[1952 Map of America by Diego Gutierrez](#)
[Afghanistan Relief Map](#)
[Alabama Maps](#)
[Alaska Index of Geological Maps](#) - interactive
[All the World's Maps](#)
[American Memory; Maps](#) - Library of Congress
[Antipodes: The Other Side of the World](#) (Peakbagger.com)
[Canada: Atlas of Canada](#) - Natural Resources, Canada
[Canada - GeoGratis](#) - Canadian Geospatial Data
[Canada - Geological Maps](#) - Natural Resources Canada
[Canada's Geographical Names](#)

[Canadian Topographic Maps](#)
[Canadian Toporama](#)
[Atlas of Canada](#) - Natural Resources, Canada
[Cartography on the Web](#)
[Cartography, History of](#)
[Color Landform Atlas of the U.S.](#)
[Cornell's Digital Earth](#)
[Current Geographical Publications](#)
[Daily Weather Maps](#)
[David Rumsey Collection](#) - 18th and 19th century North and South American cartographic materials
[The Degree Confluence Project](#)
[Digital Atlas of the United States](#)
[Digital Chart of the World Server](#)
[Discussion Papers in Cartographic History](#)
[Early Washington Maps: A Digital Collection](#)
[The Earth at Night](#)
[Earth Science Maps](#)
[Earthshots](#) - Satellite Images
[Federal Geographic Data Committee](#)
[Flash Earth](#)
[Galápagos Islands: History and Cartography](#)
[Geographic Information Center of the National Academies](#)
[Geographic Names Information System](#)
[Geography Network](#)

Geologic Maps:

[Geologic Maps of States Online](#)
[Groundwater Resources Maps of Europe](#)
[Index to Geologic Mapping of Washington State, 1899-2000](#)
[Italy, Geologic Maps Online & for Sale](#)
[National Geologic Map Database](#)

[GeoPubs](#) - Maps for sale
[Getty Thesaurus of Geographic Names\(TM\)](#)
[GIS Tools Online](#) - Conversion tools from Texas Bureau of Economic Geology
[Google Earth](#) - A 3D interface to the planet; free, but must be downloaded
[Google Maps](#)
[GPS Applications Exchange](#)
[GPS \(Global Positioning System\) Time Series](#)
[Graphical Locator](#) - Montana State University
[Great Circle Calculator](#)
[Great Circle Mapper](#)
[Great Circle Distance Calculator](#)
[Historic Topographic Maps of California](#)

[How to Find Maps](#) - PSU Earth & Mineral Sciences Library
[Illinois Digital Sanborn Maps](#)
[Index and Inventory of USGS Maps](#) - Available for downloading; Compiled by Arthur Lakes Library at The Colorado School of Mines.
[Interactive World Fact Book](#)
[International Geologic Map of Europe and Adjacent Areas](#) - about the project
[Magnetic Declination Online](#)
[MapHist](#) Discussion Group
[Map History / History of Cartography, WWW Virtual Library](#)
[Mapping the National Parks](#)
[Map Projections](#)
[MapQuest](#)
[Maps.A9.com](#) (includes Block Views)
[Maps and Geography of the World](#) - from Mining Co.
[Maps and other resources from the National Geographic Association](#)
[Maps of Mexico](#)
[Maps-L](#) (To join)
[Martin D. Adamiker's TruFlite\(TM\)](#) - 3D Terrain Visualization
[Minnesota Lake Finder](#)
[National Atlas of Canada Online](#) - Interactive
[National Atlas of the United States](#) - USGS; Interactive

[National Atlas Printable Maps](#)
[The National Map](#)

[National Imagery and Mapping Agency \(NIMA\)](#) - USA

National Park Maps & Information: See [Parks](#)

[North Dakota DEM Data from the USGS](#)
[Odden's Book Marks](#)
[Omni Resources Map Catalog](#) - Maps for sale
[Osher Map Library & Smith Center for Cartographic Education](#) - University of Southern Maine
[Paleomap Project](#) - Chrisopher Scotese
[Perry-Castañeda Library Online Maps](#) - University of Texas at Austin
[Sanborn Maps, Illinois, Digital](#) - UIUC patrons only
[Salt Lake City - Sanborn Fire Insurance Maps](#)
[Science Language Technical Team](#)
[SiteAtlas.com](#)
[A Tapestry of Time and Terrain](#) - USGS
[TerraFly](#) - USGS and IBM
[TerraServer](#) - Topographic Maps
[TopoZone](#) (Online Topo Maps)
[Toporama](#) - Canadian Topographic Maps
[Travel Websites](#)

TxSpace - The Digital Repository at Texas A&M University
UNESCO Publishing: Scientific Maps (includes geological, climatic, hydrogeological, tectonic, etc.)
[United Nations Cartographic Section](#)
[USAPhotoMaps](#) - JDMCox Software to download aerial photo and topo map data from Microsoft's free TerraServer
[U.S. Cities and Towns](#) - American Memory, Library of Congress
[USGS Maps](#)
[USGS Geospatial Data Clearinghouse](#)
[U.S. Gazetteer](#)
[New Zealand Place Names](#)
[Canada's Geographical Names](#)
[Links to Place Names Servers](#) - Arizona State University Libraries
[The World of Maps](#)
World Wind (NASA) - zoom from satellite altitude into any place on Earth
[Wyoming Internet Map Server](#)

Canada

[GeoServ](#) - Terrain Sciences Division, Geological Survey of Canada
[Great Lakes Atlas](#) - Environment Canada
[Maps 101--Topographic Maps, The Basics](#) - Centre for Topographic Information, Natural Resources Canada

Country Studies

[Afghanistan Country Study and Government Publications](#)
[Background Notes](#) U.S. Department of State
[Country Profiles](#)
[Country Studies](#)
[Government Information and Current News About Terrorism](#)
[Spatial Data Sources](#) - Department of Geography, Ohio State University
[United Nations Cartographic Section](#)
[World Factbook](#)
[Berkeley Earth Sciences and Map Library CDs](#)

Digital Map Data (GIS)

[GIS DataDepot Catalog](#)
[GIS Internet Resources](#)
[Basins](#) - EPA; Environmental
[Center for Earth Observation](#) - Yale University
[Digital Atlas of Southwestern Indiana](#)
[Digital Chart of the World Server](#)
Digital State Geologic Maps - USGS
[Europa-Tech](#) - Global digital map data for sale

[Geospatial Data on the Internet](#)

[GEODAS \(GEOphysical DAta System\)](#) - the National Geophysical Data Center (NGDC)

[Historical United States County Boundary Files](#) - How to order

[Spatial Data Sources](#)

[1:250,000-scale Land Use Land Cover for North Dakota](#)

[Land Cover Digital Data Directory for the United States](#)

[Statewide Geologic Maps for Alaska](#)

[Idaho Geospatial Data](#)

[USGS EROS Data Center](#)

[Geospatial and Statistical Data Center](#) - University of Virginia Library

[Federal Geographic Data Committee](#)

[Tiger Map Server](#)

[GeoGratis](#) Geospacial Data of Canada

[Digital Earth](#) - Cornell

Geology Librarian's Resources

[Geology Librarian's Resources](#)

Geology Programs

[Current Course Catalog; Geology at University of Illinois, Urbana-Champaign](#)

[Best Graduate Schools \(Geology\)](#) - US News

[A Career in Paleontology](#) - The Dinosaur Mailing List FAQs

[Geology Graduate Schools Directory](#)

[2001 Report on the Status of Academic Geoscience Departments](#) - AGI

[Guide to Geoscience Departments](#) - AGI

Geomagnetism & Gravity

[Geomagnetism](#) (See also [Magnetic Declination Online](#) and [Magnetic Declination](#))

[Surface Gravity Prediction](#) - National Geodetic Survey, NOAA (Craig Larrimore)

Geomorphology

[The Desert Guide](#)

[Geomorphology from Space](#) - NASA

[Hypermedia Terrain Database](#)

[The Biomes of the World](#)

[Canadian Landscapes](#) - Natural Resources Canada

[Geomorphology from Space](#) - (Really Cool!)

[International Association of Geomorphologists](#)

[A Bibliography of Wind Erosion and Related Phenomena, to the End of 1989](#) - by

Andrew Warren

[Some cool links](#)

[Comparative Geology: Earth & Mars](#)

[Deserts: Geology and Resources; online edition](#) - USGS

[NASA Images](#)

[Major Biomes of the World](#)

[Mississippi River Delta](#)

[Virtual River](#)

Link to [Geomorphic Classification System](#)

[Frozen Ground Data](#)

[Sea Cliffs, Beaches, and Coastal Valleys of San Diego County](#): Some Amazing Histories and Some Horrifying Implications, by Gerald C. Kuhn and Francis P. Shepard, University of California Press.

Geophysics

[American Geophysical Union \(AGU\)](#)

[Canadian Aeromagnetic and Gravity Data Coverage](#) - Canada Natural Resources

[Canadian National Geomagnetism Program](#)

[Earth Resources Laboratory \(ERL\)](#) - with links to many areas of applied geophysics

[GEODAS \(GEOphysical DATA System\)](#) - bathymetric and aeromagnetic data

[Atlas of Canada; Earthquakes](#)

[Intermagnet](#)

[National Geomagnetic Information Center](#)

[National Geophysical Data Center](#)

[Society of Exploration Geophysicists \(SEG\)](#)

[SPIDR](#) - Space Physics Interactive Data Resource - NOAA

[University of Washington Geophysics](#) - Directory of Resources

Glaciology

[Canadian Ice Service](#) - Environment Canada

[Cold Regions Bibliography](#)

[Glacier](#)

[Ice and Snow](#) - World Data Centre for Glaciology, Cambridge

[Scott Polar Research Institute](#)

[Glaciers and Glaciation](#) - USGS

[Illustrated Glossary of Alpine Glacial Landforms](#) - University of Wisconsin, Department of Geology and Geography

[Images](#) - Shilts; ISGS

Hazards, Natural (see also [Earthquakes; Seismology](#) and [Tsunamis](#))

[Natural Hazards](#), Earth Observatory - NASA

History of Geology

[From the Archives](#) - (Biography) *Geoscientist* monthly series
[Index of Society Obituaries 1828 to 1970 \(inclusive\)](#) (Geological Society of London)
[Winners of Society Awards since 1831](#) (Geological Society of London)
[Brief History of the Society](#) - Geological Society of London
[Past Presidents of the Geological Society](#) - of London
[Biographical Memoirs of Fellows of the Royal Society](#) ([UIUC Proxy Link](#))
[Biographical Memoirs \(of National Academy of Sciences members\)](#)

For Biographies, see also these print resources:

AAPG Bulletin (Memorials)
American Association of Stratigraphic Palynologists Newsletter
American Mineralogist (Memorial)
Arctic, Antarctic and Alpine Research: In Memoriam
Elements: People in the News; Meet the Authors; Obituary
EOS: About AGU; In Memoriam; Honors
Geological Society of America Memorials ([UIUC Geology 925.5 G29m](#))
Geoscientist: People
Geotimes: Down to Earth With...
Leading Edge (The): From the Other Side; Personals
Mineralogical Magazine: Obituary
Seismological Research Letters: In Memoriam; Transitions

Hydrology and Water Resources

[The Water Librarians' Home Page](#)
[ARS Water Database](#)
[Basins](#) - EPA; Environmental, Water Quality (data and modeling tools) [See also](#)
[Water Resources of the United States](#) - Links to state agencies; Includes Stream Flow Data
[USGS Water Resources of the United States](#) - 100 years of archival and real-time streamflow data
[USGS Water Resources Applications Software](#)
[Groundwater Atlas of the United States](#)
[Groundwater Resources Maps of Europe](#)
[Ground Water Climate Response Network](#) - USGS
[Groundwater](#) - Environment Canada
[Hydrological Information System \(HIS\)](#) - by Consortium of Universities for the Advancement of Hydrologic Science
[CSMoS Ground-Water Modeling Software](#)
[Groundwater Hydrology, Engineering & Design](#) from the US Army Corps of Engineers
[Global Hydrology and Climate Center](#)
[Hydrology Web](#)
[Universities Council on Water Resources](#) - Southern Illinois University, Carbondale

[US EPA STORET](#) - **Data:** water quality, biological, physical; data from many organizations
[USGS/EPA National Hydrography Dataset \(NHD\)](#) - **Data:** digital spatial, surface water features
[USGS National Water Information System \(NWIS\)](#) - **Data:** streamflow, water quality, ground water levels
[USGS National Water Quality Assessment \(NAWQA\)](#) - **Data:** hydrology, water quality, biology (click on data)
[USGS Seamless Data Distribution System \(SDDS\)](#) - **Data:** GIS and geospatial data (layers)
[National Climatic Data Center \(NCDC\)](#) - **Data:** precipitation, temperature, other climate data
[Long Term Ecological Research \(LTER\)](#) - **Data:** climate, hydrology, ecology
[WATERBase](#) - Water quality **data** for Lake Michigan and tributary rivers
[Hydrology and Remote Sensing Laboratory](#)
[National Academies' Water Information Center](#)
[Selected WWW Sites For The Water Resources Professional](#)
[Hydrologic Monitoring of Volcanoes](#)
[Links Related to the U.S. Geological Survey, Water Resources, and North Dakota](#) or [alternate link](#)
[Local Offices for Water Resources](#) (Click on link)
[Water Resources of Illinois](#) USGS (links to **data**)
[Illinois Water Resources Center](#)
[Illinois Watershed Management](#)
[North Dakota Water Level and Stream Flow Conditions](#) - To retrieve a table containing **data** from the Water Resources Data Report for different years, click on gaging station, then scroll down below the graphs and click on the year of interest. **Other states also available** (click drop-down Geographic Area box).
[Fargo Flood Page](#) - 1997 Flood Information
[Daily and Hourly Changes in Level and Discharge for the Red River at Fargo, ND](#) - 1997 Flood
[GeoIndex](#) - Search Engine
[Visualization of Real Time Stream Flow Data](#)
[Arsenic in ground water of the United States](#) - USGS
[Arsenic Contamination of Groundwater](#) - British Geological Survey
[The UK Groundwater Forum](#)
[Sandia National Labs - Geohydrology](#)
[National Operational Hydrologic Remote Sensing Center Arc/Info Geospatial Data Sets](#)
[Scottish Environment Statistics Online](#)
[A Review of Statewide Watershed Management Approaches - EPA](#)
[Groundwater Database \(Victoria, Australia\)](#)
[UNEP Vital Water Graphics](#)
[UNEP Freshwater Portal](#)
[UNESCO World Water Assessment Programme](#)
[UNESCO Water Portal](#)

Illinois

[Illinois State Geological Survey](#)

[The Worthen Report](#), ISGS - Preservation Project by University of Chicago (Requires DjVu plugin): [Volume 1](#), [Volume 2](#), [Volume 3](#), [Volume 4](#), [Volume 5](#), [Volume 6](#), [Volume 7](#), [Volume 8-text](#), [Volume 8-plates](#)

[The 50 States: Illinois](#)

[1895 US Atlas: Illinois](#)

[Illinois Coal Mine Maps](#) - ISGS

[Color Landform Atlas: Illinois](#)

[Water Resources of Illinois](#) - USGS

[Illinois Water Resources Center](#)

[Midwestern Regional Climate Center](#)

[Fryxell Geology Museum](#) - Augustana College, Rock Island, Illinois

[Field Museum](#) - Chicago

[Sue at The Field Museum](#)

[Illinois Digital Sanborn Maps](#)

[Illinois Seismicity](#) - USGS

[Department of Geology, UIUC](#)

[Geologic Information about the Midwestern States](#) - USGS

[Office of Mines and Minerals](#) - Illinois DNR

[Prairies in the Prairie State](#)

Illinois Virtual Fieldtrips

[Silurian Reef at Thornton, Illinois](#) - The Virtual Silurian Reef

[Field Trips by Ellin Beltz](#)

[Virtual Field Trip of Rocky Branch](#)

[Kankakee River State Park Area, Kankakee County](#) - ISGS Geological Field Trip

[Glacial Features in DeKalb and Kane Counties and Their Economic Importance](#)

[Volo Bog and Moraine Hills, Northeastern Illinois](#)

[Starved Rock State Park](#)

[Shoreline Processes in Chicago](#)

[Fox Ridge State Park and its Geology](#)

Illinois Field Trip Guidebooks ([Map Index](#)) - ISGS Publications

[Illinois State Museum](#)

[Prairies of Illinois](#)

[Illinois Facts \(Geography/Geology\)](#)

[Illinois Natural Resources Geospatial Data Clearinghouse](#)

[Complete List of Online Illinois Data](#) - Illinois Natural Resources

[Bedrock Geologic Map of Illinois](#)

[Description of the Chicago District](#), by William C. Alden, 1902

[Bedrock geology of the Paducah 1°×2° CUSMAP Quadrangle](#), Illinois, Indiana, Kentucky, and Missouri By W. John Nelson U.S. Geological Survey Bulletin 2150-B
[Regional Diagenetic Patterns in the St. Peter Sandstone: Implications for Brine Migration in the Illinois Basin](#) By Janet K. Pitman, Martin B. Goldhaber, and Christoph Spoetl Evolution of Sedimentary Basins Illinois Basin, U.S. Geological Survey Bulletin 2094-A
[Illinois Basin Reconsidered](#) - AAPG Explorer
[Illinois Basin Coal Reserves](#) - USGS
[Illinois Oil and Gas Association](#)
[A Summary of the Geologic History of the Illinois Basin](#), by David H. Swann
[Structural Cross Sections of Paleozoic Rocks in the Illinois Basin](#)
[Ground Water Atlas of the United States: Illinois, Indiana, Kentucky, Ohio, Tennessee](#)
[Mazon Creek Fossils](#)
[Geologic Time, Illinois](#) - ISGS
[Fossils of Illinois](#) - ISGS
[Illinois Snowfall and Snow Depth](#) - Extremes
[Illinois State Water Survey Library](#) - Bibliographies, Publications, Acquisitions

Images

[Dinosaur Illustrations](#)
[Earthscience Picture of the Day](#)
[FEMA Photo Library](#)
[Geologic Explorations](#)
[Geology by Light Plane](#) - Louis J. Maher, Jr.
[Glaciers](#) - Shilts; ISGS
[GRIN \(Great Images In NASA\)](#)
[Imagebank](#); Earthscience World (AGI)
[Images Canada](#) - Natural Resources Canada
[National Archive of Geological Photographs](#) - British Geological Survey
[Picturing Science](#) - USGS
[Search AltaVista for Images](#)
[USGS Repeat Photo Project](#) (Glaciers)
[Visible Earth](#) - NASA
[Windows Live](#)

Jobs

[AGI Geoscience Careers Site](#)
[Guide to Geoscience Careers and Employers](#) - AGI
[Employment Resources in Earth, Atmospheric and Oceanic Sciences](#)
[Federal Jobs](#)
[Job Search Links](#)
[AAPG/SEG Student Expo](#)
[GeoCorps America](#) - GSA

Karst

[Geology of Caves](#) - USGS

[Park Geology Tour of Cave and Karst Parks](#) - NPS

Lewis and Clark

[Lewis and Clark and the U.S. Geological Survey in North Dakota](#) - USGS

[Lewis and Clark Trail](#)

[Satellite Surveys Retrace the Lewis & Clark Expedition](#) - Space

[Lewis and Clark Education Project](#) - U. of Montana

[In the Wake of Lewis and Clark](#) - USGS

[National Council of the Lewis and Clark Bicentennial](#)

[Lewis and Clark Expedition Caucus](#)

[Lewis and Clark in Missouri](#)

[Lewis and Clark Bicentennial Projects for Montana](#)

Library Catalogs

[LibraryWeb](#)

[COPAC](#) - Unified access to the catalogues of some of the largest university research libraries in the UK and Ireland. (Telnet version: copac.ac.uk, username: copac, password: copac)

[Library Catalog](#) - Earth Sciences Information Centre of Canada

[British Library](#)

[CRL \(Center for Research Libraries\)](#)

[World Cat](#) (Use restricted by license)

[Off Campus Catalogs](#)

[Hanford Technical Library](#)

Listservs

[Catalist](#) - Directory of Listservs

Magnetic Declination/Inclination

[Geomagnetism](#)

[Compute Field Values](#)

[Declination Calculator](#)

[Compute Field Values for an Area](#)

Mailing Lists and Newsgroups

Newsgroups

Deja

sci.geo.cartography
sci.geo.earthquakes
sci.geo.eos
sci.geo.fluids
sci.geo.geology
sci.geo.hydrology
sci.geo.earthquakes
sci.geo.meteorology
sci.geo.mineralogy
sci.geo.oceanography
sci.geo.petroleum
sci.geo.rivers+lakes
sci.geo.satellite-nav

Mailing Lists

CataList

Tile.net

C14-L (Radiocarbon Dating Listserver): Subscribe: listserv@listserv.arizona.edu

GEOLOGY: Subscribe: listserv@ptearn.bitnet

GEOMORPHLIST: Go to:

<http://earth.boisestate.edu/home/dwilkins/geomorphlist/about.htm> and follow the instructions.

GEONET-L: Subscribe: geonet-request@purdue.edu

HYDROLOGY: Subscribe: listserv@eng.monash.edu.au

POLPAL-L (Palynology Listserver): Subscribe: stserve@uoguelph.ca

QUAKE-L: Subscribe: listserv@vm1.nodak.edu or listserv@ndsuv1.bitnet

QUATERNARY: Subscribe: listserv@morgan.ucs.mun.ca

SEISMD-L: Subscribe: listserv@bingymb or

listserv@bingymb.cc.binghamton.edu

WATER FORUM: Subscribe: waterforum-subscribe@eGroups.com

Maps-L

Scout Report

For all of the above, leave the subject category blank. Your message should take the form: SUBSCRIBE [Name-of-List] [Your-first-name] [Your-last-name].

Maps

See [Geography, Maps, GIS](#)

Meetings

[The Geoscience Calendar](#)

[AGI Meeting Planner](#)

Meteorology

See [Weather and Climate](#)

Mineralogy and Petrology

[Links for Mineralogists](#) - Institute of Mineralogy, University of Würzburg

[Minerals Information from the US Geological Survey](#) - Includes statistics from government publications such as the Minerals Yearbook. The International Minerals Information section also has black & white maps. There are also many good links.

[Athena: Mineralogy](#) - from Pierre Perroud

[Atlas of Igneous and Metamorphic Rocks, Minerals, and Textures](#) - Geology Department, University of North Carolina

[Introduction to Crystallography & Mineral Crystal Systems](#), by Mike Howard, illustrated by Darcy Howard.

[Alphabetical Mineral Reference](#)

[Bob's Rock Shop](#)

[Common Ground Database](#) - A free archive and database of rock properties measurements (Colorado School of Mines)

[Physical Characteristics of Minerals](#)

[Skarns and Skarn Deposits](#)

[Oklahoma Minerals](#)

[Mineralogy Database](#)

[The Mineral and Gemstone Kingdom](#)

[Mineral Galleries](#)

[Mineral Descriptions](#) - Alkali Nuts

[Gems and Precious Stones](#)

[State Mineralogy Literature List](#)

[Agates with Inclusions](#)

[Types of Igneous Rocks](#)

[Hells Canyon Petrographic Database Search Interface](#)

3D Animations

[Dr. Neubert's Website](#)

[Crystal Structures](#)

[Links from Wikipedia](#)

[ChemSymphony](#)

MineralWeb

[Links for Mineralogists](#)

[The Virtual Museum of Minerals and Molecules](#) or [alphabetical list](#)

Mining

[Illinois Coal Mine Maps](#) - ISGS
[Canada Natural Resources](#)
[Mining Resources](#) - Microlynx Mining
[Anaconda Geological Documents](#) - U. of Wyoming
[National Coal Resource Assessment](#)
[Kimberlite Indicator Database](#)

Models

[PACER](#) - Supports communication and development of global physical and chemical reference models

Museums

[Virtual Library Museums Pages](#)
[Milwaukee Public Museum](#)
[University of California Museum of Paleontology](#)
[Smithsonian National Museum of Natural History](#)
[Peabody Museum of Natural History, Yale University](#)
[The Field Museum \(Chicago\)](#)

Natural Disasters

[Savage Earth](#)
[Degassing Nyos](#)
See [Earthquakes](#)
See [Tsunamis](#)
See [Volcanology](#)

North Dakota

[The Glacial Lake Agassiz, by Warren Upham](#) - NDSU Libraries Government Documents Librarian
[The Geologic Story of the Great Plains](#), by Donald E. Trimble - Full text & illus.; NDSU Libraries
[Evapotranspiration and the Water Budget of Prairie Potholes in North Dakota](#), by Jelmer B. Shjeflo, in *Hydrology of Prairie Potholes in North Dakota* - Geological Survey Professional Paper 585-B (1968)
[Ground-Water Hydrology of Prairie Potholes in North Dakota](#), by Charles E. Sloan in *Hydrology of Prairie Potholes in North Dakota* - Geological Survey Professional Paper 585-C (1972)
[Collective Bibliography of North Dakota Geology](#) - **SEARCHABLE!** Over 4,000 entries
[Lewis and Clark and the U.S. Geological Survey in North Dakota](#) - USGS
[NDSU Department of Geosciences Homepage](#)

[Geology in North Dakota](#): Resources for students, teachers, geologists, and the public (NDSU Geosciences Department).

[North Dakota Geological Survey Homepage](#)

[North Dakota State Water Commission](#)

[Links Related to the U.S. Geological Survey, Water Resources, and North Dakota](#) or [alternate link](#)

[UND Department of Geology and Geological Engineering](#)

[1895 Atlas, North Dakota](#)

[Ecological Subregions of the United States: Prairie Parkland](#)- U.S. National Forest Service

[The Missouri River Ecosystem: Exploring the Prospects for Recovery](#) (2002) National Research Council

[River Flooding Resources](#) - B.Saini-Eidukat, Geosciences, North Dakota State University

[Climate of North Dakota](#)

[Temperature](#)

[Precipitation](#)

[Relative Humidity](#)

[Sunshine and Cloudiness](#)

[Visibility](#)

[Wind](#)

[Severe Storms](#)

[Blizzards](#)

Devils Lake, ND

[Devils Lake](#) - North Dakota State Water Commission

[Study of Devils Lake and Stump Lake Outlets](#)

[The Origin and Behavior of Devils Lake](#)

[Lake Levels, Streamflow, and Surface-Water Quality in the Devils Lake Area, North Dakota](#)

[Probability of Future Lake Levels for Devils Lake, North Dakota](#)

Oceanology/Limnology

[Atlantic and Gulf Rapid Reef Assessment \(AGRRA\)](#)

[Benthic Habitat Mapping](#) - NOAA CRS

[CDC's El Niño/Southern Oscillation \(ENSO\) Information](#)

[Coral Kingdom](#) - NOAA

[Coral Reef Conservation Program](#) - NOAA

[CRS Ocean & Coastal Resources: A Briefing Book](#)

[El Niño/La Niña Watch](#)

[El Niño Terminology](#) - Intellicast

[Fundamentals of Oceanography Website](#) - McGraw-Hill

[Glossary of Physical Oceanography and Related Disciplines](#) - S.K. Baum, Department of Oceanography, Texas A&M

[Index to Marine and Lacustrine Geologic Samples](#)

[JAMSTEC Data Site](#) - Japan Marine Science and Technology Center

[Joint Global Ocean Flux Study](#)
[Lamont studies of the deep ocean floor](#)
[National Archive of Marine Seismic Surveys \(NAMSS\)](#)
[National Library for the Environment \(CNIE\)](#)
[National Sea Grant Library](#) - Searchable database and many free, full-text documents.
[The Neptune Project](#) - NE Pacific Ocean
[NOAA El NiñoPage](#)
[NOAA Paleooceanographic Data](#)
[Physical Oceanography Distributed Active Archive Center](#)
[Report of ODP leg 181](#)
[Scripps Institution of Oceanography](#)
[Scripps Institution of Oceanography](#)
[Sea-surface Temperature](#) - NASA Earth Observatory
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[DinoBase](#)
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[Federal Lands](#) (including parks)
[Find a Park by State](#) - NPS
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See also [Geology Librarians' Resources](#)

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[Webopedia](#)
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Collections of Earth Science Web Links

See [General Links to Geologic Information](#)

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Afghanistan Geology

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[PACER](#) - Supports communication and development of global physical and chemical reference models

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[Environmental Modeling Systems, Inc.](#) sells software

[MicroLYNX Mining Software](#) sells software

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[Periodic Table--Hydrogen](#) - USGS

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[IsoGeoChem Web Page](#) - very good resource (could not access 1/2/04)

Laboratories:

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[Geology in North Dakota](#)
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Weather and Climate

See [Weather and Climate](#) section of Environment and Global Climate Change

Other

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[Scholarly Societies Project](#)

[Internet Resources: Earth Sciences](#) - Berkeley Earth Sciences & Map Library

[Resources in Earth Sciences](#) - Science & Engineering Library; University of Minnesota

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[Quick Reference; Geosciences](#) - Purdue Univ. Earth & Atmospheric Sciences Library

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[Information Resources for Geological Sciences](#) - DeLaMare Library, UNR

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