

CHAPTER 10

Internet Resources for Earth Science

The list below represents only a small number of the resources available on the Internet. Sites are undoubtedly missing, as it is impossible to catalog all resources. A more extensive, up-to-date list of resources can be found on the *Earth Online* World Wide Web home page. Web sites are listed in alphabetical order. If you don't find what you're looking for in this list, go to one of the general earth science lists to check their resources. Turning to any of the better Internet search engines will likely provide you with the information you're looking for too.

Astronomy

Comet C/1996 B2 Hyakutake <http://NewProducts.jpl.nasa.gov/comet/hyakutake>
Comet Hale-Bopp <http://www.eso.org/comet-hale-bopp/comet-hale-bopp.html>
Comet Observation Home Page <http://encke.jpl.nasa.gov/>
Comet Shoemaker-Levy <http://newproducts.jpl.nasa.gov/sl9/sl9.html>
European Space Agency <http://www.esrin.esa.it/htdocs/esa/esa.html>
European Space Agency - ESA/ESRIN <http://shark1.esrin.esa.it/>
European Space Information <http://mesis.esrin.esa.it/html/esis.html>
Face of Venus Home Page <http://stoner.eps.mcgill.ca/bud/first.html>
Galileo Project Home Page <http://es.rice.edu/ES/humsoc/Galileo/index.html>
Giotto Information <http://nssdc.gsfc.nasa.gov/planetary/giotto.html>
Goddard Space Flight Center Library <http://www-library.gsfc.nasa.gov/>
Guide to NASA Online Resources <http://naic.nasa.gov/naic/guide/>
Lunar and Planetary Institute <http://cass.jsc.nasa.gov/lpi.html>
Milankovitch Cycles—Insolation and Orbital Parameters <ftp://ngdc1.ngdc.noaa.gov/paleo/insolation/>
NASA Home Page http://hypatia.gsfc.nasa.gov/NASA_homepage.html
NASA *Hot Topics* http://www.nasa.gov/nasa/nasa_hottopics.html
NASA Intelligent Mechanisms Group <http://img.arc.nasa.gov/>
NASA Internet Connection <http://www.jsc.nasa.gov/nasa/NASAIInternet.html>
NASA Langley Research Center <http://mosaic.larc.nasa.gov/nasaonline/gov.html>
NASA Press Release Photographs <gopher://images.jsc.nasa.gov/70>
NASA Press Release Photographs <http://images.jsc.nasa.gov/>
NASA Press Release Photographs <ftp://ftp-images.jsc.nasa.gov>
NASA Questions & Answers http://www.nasa.gov/hqpao/questions_answers.html
NASA Solar Images <http://umbra.gsfc.nasa.gov/images/latest.html>
NASA SpaceLink <telnet://spacelink.msfc.nasa.gov>
NASA Technical Reports Server <http://techreports.larc.nasa.gov/cgi-bin/NTRS>
The Nine Planets: A Multimedia Tour of the Solar System <http://seds.lpl.arizona.edu/nineplanets/nineplanets/nineplanets.html>
Planetary Image Finders <http://ic-www.arc.nasa.gov/fia/projects/bayes-group/Atlas/>
Project Galileo: Bringing Jupiter to Earth <http://www.jpl.nasa.gov/galileo/>
Shuttle Payload Gopher <gopher://sspp.gsfc.nasa.gov/1/>
SkyView <http://skyview.gsfc.nasa.gov/skyview.html>
Solar/Magnetic Images <http://www.sel.bldrdoc.gov/>

Space Science and Engineering Center (SSEC) <http://www.ssec.wisc.edu/>
Space Telescope Science Institute/Hubble Space Telescope Public Information <http://marvel.stsci.edu/public.html>
Views of the Solar System <http://www.c3.lanl.gov/~cjhamil/SolarSystem/homepage.html>
WebStars: Astrophysics in CyberSpace <http://www.Stars.com/WebStars/>
Welcome to the Planets <http://stardust.jpl.nasa.gov/planets/>

Atmospheric Science (*see also* Climatology, Climate Change, Meteorology)

Center for Atmospheric and Space Science at Utah State University <http://www.cass.usu.edu/>
Centre for Atmospheric Science—Chemistry Department, Cambridge University <http://www.atm.ch.cam.ac.uk/>
Institute for Atmospheric Science, ETH Zurich, Switzerland <http://dumnw.ethz.ch/LAPETH/lapeth.html>
Lawrence Livermore National Laboratory (LLNL) Atmospheric Research <http://www-ep.es.llnl.gov/www-ep/atm.html>
Rosenstiel School of Marine and Atmospheric Science Home Page <http://www.rsmas.miami.edu/>
UCAR Gopher <gopher://gopher.ucar.edu:70/1>

Biogeography

Biosciences Gopher <gopher://info.bio.cmu.edu/1>
Ecosystem Complexes by Carbon in Live Vegetation (NDP-017) <http://www-eosdis.ornl.gov/>
Henderson-Seller's Global Vegetation and Soils Data <ftp://ncardata.ucar.edu/datasets/ds767.0>
Landscape Ecology and Biogeography Page http://life.anu.edu.au/landscape_ecology/landscape.html
Olson's CDIAC World Ecosystems by Carbon Vegetation Data <ftp://ncardata.ucar.edu/datasets/ds769.0>
Satellite Tracking of Endangered Species http://sdcd.gsfc.nasa.gov/ISTO/satellite_tracking/
Video of the "Greening Up" of the Northern Hemisphere Through the 1986 Year http://xtreme.gsfc.nasa.gov/movies/FAST_NAMER86.mpg

Career Information

Bio Online Career Management http://cns.bio.com/hr/search/search_1.html
Department of the Interior Automated Vacancy Announcement Distribution System <http://info.er.usgs.gov/doi/avads/index.html>
Environmental Careers World Online <http://www.infi.net/~ecw/>
Geotimes Classifieds Employment American Geological Institute <http://jei.umd.edu/agi/geotimes/ads.html>
GIS Job Clearinghouse, U. of Minnesota Remote Sensing Lab <http://walleye.forestry.umn.edu:70/0/www/rsgisinfo/jobs.html>
GIS Jobs Clearinghouse <gopher://gopher.gis.umn.edu:70/11/rsgis/gisjobs>
Riley Guide—Employment Opportunities and Job Resources on the Internet <http://www.jobtrak.com/jobguide/>
Worldwide Register of Positions Vacant in Geology/Earth Sciences <http://www.anu.edu.au/psychology/Academia/geol.htm>

Cartography and Mapping

Cartography <http://geog.gmu.edu/gess/jwc/cartogrefs.html>
CIA World Fact Book Reference Maps <http://www.ic.gov/94fact/fb94toc/fb94toc.html#refmap>
Color Landform Atlas of the United States <http://fermi.jhuapl.edu/states/states.html>
Datasets <ftp://spectur.xerox.com/pub/map>
Making Maps Easy to Read <http://acorn.educ.nottingham.ac.uk/ShellCent/maps/>

National Mapping Information <http://www-nmd.usgs.gov/>
 USGS National Mapping Information <http://www-nmd.usgs.gov/>
 Xerox PARC Map Viewer <http://pubweb.parc.xerox.com/map>

Climate Change (see also Climatology)

Agricultural Genome World Wide Web Server <http://probe.nal.usda.gov/>
 Animal and Plant Health Inspection Service (APHIS) <gopher://gopher.aphis.usda.gov/>
 Biodiversity and Ecosystems Network <http://straylight.tamu.edu/bene/bene.html>
 Global Change Master Directory <http://gcmd.gsfc.nasa.gov>
 Global Warming Update <http://www.ncdc.noaa.gov/gblwrmupd/global.html>
 National Biological Impact Assessment <gopher://gophisb.biochem.vt.edu/>
 National Biological Service Division of Research: Global Change Research Program <http://www.nbs.gov/nbii/gcrp/>
 NOAA/NASA Pathfinder Program <http://pegasus.nesdis.noaa.gov/pathfinder.html>
 Program for Climate Model Diagnosis and Intercomparison (PCMDI) <http://www-pcmdi.llnl.gov/>
 USGS Global Change Research Program <http://geochange.er.usgs.gov/>

Climatology

Atlantic Tropical Weather Center <http://www.neosoft.com/citylink/blake/tropical.html>
 Atmospheric Research (NCAR) <http://http.ucar.edu/metapage.html>
 Carbon Dioxide Information Analysis Center (Oak Ridge National Lab) (FTP) <file://cdiac.esd.ornl.gov/pub/>
 Carbon Dioxide Information Analysis Center <http://cdiac.esd.ornl.gov/cdiac/home.html>
 Climate Diagnostics Center <http://www.cdc.noaa.gov/>
 Drought Palmer Index by State or Division (U.S.) <http://www.ncdc.noaa.gov/onlineprod/drought/xmgr.html>
 Earth Space Research Group <http://www.crseo.ucsb.edu/esrg.html>
 East Anglia Home Page Oceanography, Meteorology, Climatology <http://www.mth.uea.ac.uk/climateinfo.html>
 EcoNet's Climate Resources Directory <http://www.igc.apc.org/igc/www.clim.html>
 El-Nino Conditions, Forecasts <gopher://cmits02.dow.on.doe.ca/11/climate/nino>
 El Nino Scenario http://www.crseo.ucsb.edu/geos/el_nino.html
 Global Instrumental Climate Data (Atlas) <ftp://cdiac.esd.ornl.gov/pub/images/ce>
 Global Historical Climatology Network <ftp://cdiac.esd.ornl.gov/pub/ndp041/>
 Global and Hemispheric Air Temperature <ftp://cdiac.esd.ornl.gov/pub/ndp022r2/>
 Global and Hemispheric Air Temperature, 1854-1991(Jones et al.) ftp://feature.geography.wisc.edu/pub/phys/global_temp.gif
 Global Change—Assisted Search for Knowledge (GC-ASK) <http://ask.gcdis.usgcrp.gov:8080/>
 High Plains Climate Center <http://hpccsun.unl.edu/>
 Hurricane Page from Purdue, Historical Storm tracks <http://thunder.atms.purdue.edu/hurricane.html>
 Lamb's Dust Veil Index, 1500-1983 <ftp://cdiac.esd.ornl.gov/pub/ndp013/>
 Mauna Loa Atmospheric CO₂, 1958-1992 ftp://feature.geography.wisc.edu/pub/phys/maunaloa_co2.gif
 Matthew's GSFC Global Wetlands and Methane Emission Data, 1-DEGR <ftp://ncardata.ucar.edu/datasets/ds765.5>
 Mauna Loa Atmospheric CO₂, 1958-1992 <ftp://cdiac.esd.ornl.gov/pub/ndp001r4/>
 Mean Sea Surface Temperatures <http://geochange.er.usgs.gov/pub/magsst/magsst.html>
 Minnesota Climatology Working Group (Gopher) <gopher://nx1.soils.umn.edu:70/1>
 National Center for Computer Hardware, Advanced Mathematics, and Model Physics (CHAMMP) <http://www.esd.ornl.gov/programs/chammp/chammp.html>
 National Center for Atmospheric Research Home Page <http://http.ucar.edu/metapage.html>
 National Climatic Data Center <http://www.ncdc.noaa.gov>
 National Data Buoy Center <http://seaboard.ndbc.noaa.gov/>
 NOAA Air Resources Laboratory <ftp://arlriscc.ssmc.noaa.gov/pub/Home1.html>

NOAA/PMEL/TAO El Nino Theme Page <http://www.pmel.noaa.gov/toga-tao/el-nino/home.html>
 NOAA/PMEL/TAO—What Is an El Nino (ENSO)? <http://www.pmel.noaa.gov/toga-tao/el-nino-story.html>
 Ozone <http://icair.iac.org.NZ/ozone/ozone.html>
 Ozone Action Page http://www.essential.org/orgs/Ozone_Action/Ozone_Action.html
 Ozone Variations, 1958-1986 <ftp://cdiac.esd.ornl.gov/pub/ndp023/>
 PaleoClimate Data <ftp://ngdc1.ngdc.noaa.gov/paleo/climate1500/>
 SSEC Real-Time Data <http://www.ssec.wisc.edu/data/index.html#special>
 Upper Atmosphere Research Satellite (UARS) Home Page http://daac.gsfc.nasa.gov/CAMPAIGN_DOCS/UARS_project.html
 US Global Change Research Program <http://www.usgcrp.gov/usgcrp/MULTMAIN.html>
 USGS Global Change Research Program <http://geochange.er.usgs.gov/>
 U.S. Historical Climatology Network <ftp://cdiac.esd.ornl.gov/pub/ndp019r1/>
 Wilcox Solar Observatory—Stanford University (Telnet) <file://solar.stanford.edu/>

Earth Science: Education (*see also* Earth Science: General Topics)

EarthEd: Earth Science Education Resources <http://www-hpcc.astro.washington.edu/scied/earth.html>
 Earth Science Educators Gopher Hole <gopher://jei.umd.edu/>
 Earth Science Exercises <http://athena.wednet.edu/curric/land/>
 Eyes on Earth Education Newsletter <http://sdcd.gsfc.nasa.gov/ESD/eeenews.html>
 Geographer's Craft Project <http://wwwhost.cc.utexas.edu/ftp/pub/grg/gcraft/contents.html>
 Image Processing for Teaching <http://ipt.lpl.arizona.edu/>
 Meteorology Exercises <http://athena.wednet.edu/curric/weather/>
 NASA SIR-C Education Program <http://ericir.syr.edu/NASA/nasa.html>
 Ocean Exercises <http://athena.wednet.edu/curric/oceans/index.html>
 Planetary Sciences Exercises <http://athena.wednet.edu/curric/space/>
 Science and the Environment—A Learning Tool <http://www.voyagepub.com/publish>
 Seismology Resources for Teachers http://www.geo.purdue.edu/seismology_resources.html
 Space Physics Textbook <http://www oulu.fi/~spaceweb/textbook/>
 UK Earth Science Courseware Consortium <http://info.mcc.ac.uk/Geology/CAL/index.html>
 U.S. Federal Education Resources <http://www.ed.gov/EdRes/EdFed.html#others>
 Virtual Department (UT-Austin): Course List <http://www.utexas.edu/depts/grg/virtdept/courses/courselist.html>

Earth Science: General Topics

Clearinghouse for Subject-Oriented Internet Resource Guides <http://www.lib.umich.edu/chhome.html>
 Earth and Environmental Sciences Connections from the USGS <http://www.usgs.gov/network/science/earth/index.html>
 Earth Pages <http://epserver.gsfc.nasa.gov/earth/earth.html>
 Earth Sciences Division (NASA/ARC) <http://geo.arc.nasa.gov/esd>
 Earth Sciences Site of the Week <http://agcwww.bio.ns.ca/misc/geores/sotw/sotw.html>
 Earth System Science Resource Center http://zelda.thomson.com/rcenters/earthnet/earth_sci.html
 GeoClio: Webserver for the History of Geology and the Geosciences <http://geoclio.st.usm.edu/>
 Geo Exchange: List of Applied and Commercial Geoscience Sites http://giant.mindlink.net/geo_exchange/geology.html
 Geographical and Geological Sites <http://www.abdn.ac.uk/~u01rpr/geo.html>
 Geosciences FAQ <http://www.cs.ruu.nl/wais/html/na-dir/geology-faq.html>
 Geosciences Information Group from the UK Geol. Society <http://www.bris.ac.uk/Depts/Geol/gig/gig.html>
 GeoScience: K-12 Resources <http://www.cuug.ab.ca:8001/~johnstos/geosci.html>
 Geosciences Link at Einet <http://galaxy.einet.net/galaxy/Science/Geosciences.html>
 Internet Resources for Geographers and Geologists (UW-SP) <http://www.uwsp.acaddept/geog/res.html>
 Mike's Earth Science Web Pointers <http://www.covis.nwu.edu/storage/Mike.html>
 NASA/GSFC Earth Sciences Directorate <http://sdcd.gsfc.nasa.gov/ESD/>

NASA Info by Subject http://hypatia.gsfc.nasa.gov/nasa_subjects/nasa_subjectpage.html
 NOAA Geosciences Lab <http://www.grdl.noaa.gov/>
 Online Resources for Earth Scientists (ORES) <http://www.calweb.com/~tcsmith/ores/>
 Planet Earth Home Page Virtual Library http://www.nosc.mil/planet_earth/everything.html
 Special Internet Connections <http://www.uwm.edu/Mirror/inet.services.html>
 TradeWave Galaxy <http://galaxy.einet.net/galaxy.htm>
 USGS Earth and Environmental Science Index <http://www.usgs.gov/network/science/earth/earth.html>
 Virtual Earth http://wombat.es.mq.edu.au/0c/v_earth.html
 WWW Virtual Library <http://www.w3.org/hypertext/DataSources/bySubject/Overview.html>
 Yahoo!—Science:Earth Sciences http://www.yahoo.com/Science/Earth_Sciences/

Earthquakes and Seismicity

Alaska Public Seismic Network <http://www.polarnet.com/Users/APSN>
 Crustal Deformation Measurements in California <http://quake.wr.usgs.gov/QUAKES/crustaldef/>
 Current Earthquake Activity <http://quake.wr.usgs.gov/QUAKES/CURRENT/current.html>
 Earthquake Information from Menlo Park <http://quake.wr.usgs.gov/>
 Earthquake Social Data, NGDC, Boulder, CO <http://www.ngdc.noaa.gov/seg/hazard/resource/eqsoc.html>
 Frequently Asked Questions about Earthquakes <http://quake.wr.usgs.gov/more/eqfaq.html>
 Kobe City <http://www.shiga-pc.ac.jp:8080/~ohno/quake/kobe-city/disaster.html>
 Kobe Earthquake information <http://www.niksula.cs.hut.fi/~haa/kobe.html>
 San Andreas Fault and the Bay Area http://sepwww.stanford.edu/oldsep/joe/fault_images/BayAreaSanAndreasFault.html
 Memphis Public Seismic Network <http://gandalf.ceri.memphis.edu/~rond/psn>
 National Earthquake Information Center <http://www.neic.cr.usgs.gov/>
 National Strong Motion Program <http://agram.wr.usgs.gov/>
 Northern California Data Center, Berkeley, CA <http://quake.geo.berkeley.edu/>
 ORES: Earthquakes Seismology Resources <http://calweb.calweb.com/~mtnsweet/ores/geology/eq/>
 Public Seismic Network Home Page <http://psn.quake.net/>
 San Francisco Earthquake of 1906 <http://www.slip.net/~dfowler/1906/museum.html>
 Southern California Data Center, Pasadena, CA <http://scec.gps.caltech.edu/>
 Surfing the Internet for Earthquake Data <http://www.geophys.washington.edu/seismosurfing.html>
 UCR—Earthquake Information http://smaug.ucr.edu/Quakes/quake_page.html

USGS Internet Resources on Earthquakes <http://www.usgs.gov/network/science/earth/earthquake.html>
 World-Wide Earthquake Locator <http://geovax.ed.ac.uk/quakes/quakes.html>

Ecology and Environment

Biodiversity Servers http://kaos.erin.gov.au/other_servers/category/Biodiversity.html
 Bioregion Information Bank: University of Illinois <http://W3.ag.uiuc.edu/AIM/Discovery/Issues/bioregion.html>
 Central Plains Exp. Range Long Term Ecological Research Site <http://agropyron.cfnr.colostate.edu:3793/homepage.html>
 Ecosystem Home Page <http://www.gold.net/ecosystem/>
 Environment Index of the WWW Virtual Library <http://ecosys.drdr.virginia.edu/Environment.html>
 Long-Term Ecological Research (LTER) <http://lternet.edu/>
 Man and the Biosphere <http://ice.ucdavis.edu/MAB/>
 ToxFAQs™ <http://atsdr1.atsdr.cdc.gov:8080/toxfaq.html>
 Tree of Life <http://phylogeny.arizona.edu/tree/phylogeny.html>
 University of East Anglia, Norwich, England, School of Environmental Sciences <http://www.env.uea.ac.uk/>

Energy

Asian Oil and Gas Internet Resources <http://www.ntu.ac.sg/~asreid/asianog.htm>
Department of Energy Climate Data wais://ridgisd.er.usgs.gov
International Geothermal Association <http://www.demon.co.uk/geosci/world.html>
Investigating Wind Energy <http://sln.fi.edu/tfi/units/energy/windguide.html>
Risø:AMV: European Wind Atlas <http://risul1.risoe.dk:80/amv/ewa/sci.geo.petroleum>
Internet Resources <http://cg.ensmp.fr/pointeurs/petroleum.html>
Surface Exploration Techniques for Oil and Gas Exploration <http://www.csn.net/~jamesf/ssiweb/ssiweb.html>
Utilities Report Action Alert <http://www.great-lakes.net:2200/0/partners/NWF/toxics/ut-alert.html>

Erosion

Agricultural Research Service Wind Erosion Research Unit <http://www.weru.ksu.edu>
National Soil Erosion Research Laboratory <http://soils.ecn.purdue.edu:20002/>

Geochemistry

USGS Branch of Geochemistry <http://helios.cr.usgs.gov/>
Yale—Geochemical cycles http://stormy.geology.yale.edu/kg/Brochure/Geochemistry/5_1.html

Geodata

Aerological Reference Data Set (CARDS) http://www.ncdc.noaa.gov/cards/cards_homepage.html
Air Temperatures—Surface, Troposphere, Stratosphere, 1958-1992 <ftp://cdiac.esd.ornl.gov/pub/ndp008r3/>
Atmospheric Radiation Measurement (ARM) Program <http://info.arm.gov/>
Carbon Emissions, Fossil (Global, Regional and National) 1950-1990 <ftp://cdiac.esd.ornl.gov/pub/ndp006/>
Central European Environmental Data Request Facility (CEDAR) <http://pan.cedar.univie.ac.at/>
Climate Monitoring and Diagnostics Laboratory (NOAA/OAR) <http://www.cmdl.noaa.gov>
CLIMVIS—Global Summary of the Day <http://www.ncdc.noaa.gov/onlineprod/drought/xmgr.html>
Cooperative Interactive Atmospheric Catalog System (CODIAC) <http://www.ofps.ucar.edu/codiac-www.html>
Datasurge: A Geotechnical Software Company <http://www.usa1.com/datasurg>
Digital Elevation Models (30-second) http://info.er.usgs.gov:80/data/noaa/global_relief_cd_rom/topo/topo30/
Earth Observation Satellites International Directory Network http://gcmd.gsfc.nasa.gov/ceos_idn.html
ETOPO5 World Topographic Dataset (N Hemisphere) <ftp://walrus.wr.usgs.gov/pub/data/etopo5.northern.bat.Z>
ETOPO5 World Topographic Dataset (S Hemisphere) <ftp://walrus.wr.usgs.gov/pub/data/etopo5.southern.bat.Z>
Fault Mapping Data—USGS <file://alum.wr.usgs.gov/pub/map/>
Federal Geographic Data Committee <http://fgdc.er.usgs.gov/gdc/html/fgdc.htm>
Federal Geographic Data Products <http://info.er.usgs.gov/fgdc-catalog/title.html>
FGDC—Manual of Geographic Data Products <http://www.usgs.gov/fgdc-catalog/title.html>
Fossil Fuel Emissions (Global), 1860-1989 <ftp://cdiac.esd.ornl.gov/pub/ndp006/>
GeoData Products Index <http://www.usgs.gov/doc/edchome/ndcdb/ndcdb.html>
Geophysical Data from the Solid Earth <http://www.ngdc.noaa.gov/seg/segd.html>
Geophysical On-Line Data (GOLD) <http://ngdc.noaa.gov.4096/index.html>
Global Change Data and Information System <http://www.gcdis.usgcrp.gov/>
Global Change Data at NGDC http://www.ngdc.noaa.gov/seg/globsys/global_c.html

Global Change Master Directory: Data Set Information Query <http://gcmd.gsfc.nasa.gov/mainquery.html>

Global and Hemispheric Air Temperature, 1854-1991 (Jones et al.) <ftp://cdiac.esd.ornl.gov/pub/ndp022r2/>

Global Historical Climatology Network—GHCN <http://www.ncdc.noaa.gov/ghcn/ghcn.html>

Global 1-Degree DEM <ftp://feature.geography.wisc.edu:21/pub/phys/scripps/>

Global 5-Minute DEM http://info.er.usgs.gov:80/data/noaa/global_relief_cd_rom/topo/etopo5/

Great Lakes Regional Environ. Information Sys. Metadata <http://epaserver.ciesin.org/glreis/metadata/metasearch.html>

Hydro-Climatic Data Network Streamflow Data Set, 1874-1988 http://wwwrvaes.er.usgs.gov/hcdn_cdrom/1st_page.html

Lamont-Doherty Earth Observatory <http://rainbow.ligo.columbia.edu/>

Langley Research Center (LaRC) EOSDIS Distributed Active Archive Center (DAAC) <http://eosdis.larc.nasa.gov/>

NASA Earth Observing System Data and Information System (EOSDIS) <http://gcmd.gsfc.nasa.gov/gcmdeos.html>

National Biological Information Infrastructure <http://www.nbs.gov/nbii/>

National Geophysical Data Center Digital Terrain Data <http://www.ngdc.noaa.gov/seg/globsys/topo.html>

National Geospatial Data Clearinghouse <http://fgdc.er.usgs.gov/clearover2.html>

National Geospatial Data Clearinghouse <http://nsdi.usgs.gov/nsdi/>

National Geospatial Data Clearinghouse USGS Node <http://edcwww.cr.usgs.gov/nsdi/genselct.htm>

National On-Line Data and Information Service (NODIS) <telnet://nssdca.gsfc.nasa.gov>

NBS EMTC Aerial Photo Server http://www.emtc.nbs.gov/http_data/aerial_photos/ap.html

NGDC Topographic Data <http://www.ngdc.noaa.gov/seg/globsys/topo.html>

Nimbus-7 TOMS Data <ftp://jwocky.gsfc.nasa.gov/pub/nimbus7>

NOAA Monthly Data <http://ferret.wrc.noaa.gov/ferret/main-menu.html>

OASIS <http://www.ncdc.noaa.gov/oasis/oasis.html>

OSCAR <http://www.ncdc.noaa.gov/sdsd.oscar.html>

Sea-Viewing Wide-Field Sensor (SeaWiFS) <http://seawifs.gsfc.nasa.gov/SEAWIFS.html>

Shaded (5-Minute) Relief Images <http://ageninfo.tamu.edu/apl-us>

Socioeconomic Data and Applications Center: Model Visualization <http://sedac.ciesin.org/sedac-2.3/mvas.home/mvas-home.html>

Soil and Surface Slope Data GISS (Staub and Rosenweigs) <ftp://ncardata.ucar.edu/datasets/ds770.0>

Trends 93: CDIAC http://cdiac.esd.ornl.gov/cdiac/trends_html/trends/co2/contents.htm

Tropical Database (Brazil) <http://www.ftpt.br/>

US Climate Division Drought Data <http://www.ncdc.noaa.gov/onlineprod/drought/main.html>

USGS Data Available Online <http://internet.er.usgs.gov/index.html>

US Dept. of Agriculture: Current Research Information System (CRIS) <http://www.sura.net/main/members/usda.shtml>

US GeoData FTP Access <http://edcwww.cr.usgs.gov/doc/edchome/ndcdb/ndcdb.html>

USGS Geographic Names Database <gopher://gopher.peabody.yale.edu:71/1>

US Summary of the Day <http://www.ncdc.noaa.gov/onlineprod/tfsod/climvis/main.html>

Vegetation and Soils (Global) Data (Henderson-Seller's) <ftp://ncardata.ucar.edu/datasets/ds767.0>

World Data Center—A for Marine Geology and Geophysics <http://www.ngdc.noaa.gov/mgg/mggd.html>

World Data Center—A for Paleoclimatology <http://www.ngdc.noaa.gov/paleo/paleo.html>

World Data Center—A for Solid Earth Geophysics <http://www.ngdc.noaa.gov/wdcmain.html>

Worldwide Organic Soil Carbon and Nitrogen Data (NDP-018) http://www-eosdis.ornl.gov/DATASET_DOCS

Geographic Information Systems

Beginners Guide to Geographic Information Systems (Tutorial) <http://info.er.usgs.gov/research/gis/title.html>

DMSP Home Page <http://www.ngdc.noaa.gov./dmisp/dmisp.html>

Frequently Asked Questions About GIS <http://www.census.gov/geo/gis/faq-index.html>

GIS Analysis with ArcInfo (University of Buffalo) <http://www.geog.buffalo.edu/arcinfo/aiwwwtut/ARChome.html>
GIS Dictionary <http://www.geo.ed.ac.uk/root/agidict/html/welcome.html>
GIS-Related Internet Sites <ftp://gis.queensu.ca/pub/gis/docs/gissites.html>
National Atlas Information Service <http://www-nais.ccm.emr.ca/>
National Topographic Map Service, Geomatics Canada http://www.geocan.nrcan.gc.ca/topo/public_html/info.html
Tiger Mapping Service <http://tiger.census.gov>
WDB-II World Data Bank ftp://sepftp.stanford.edu/pub/World_Map

Geography

Desert Research Institute <http://www.dri.edu/ASC>
Geographer's Craft Project <http://wwwhost.cc.utexas.edu/ftp/pub/grg/gcraft/contents.html>
Geographic Name Server <telnet://martini.eecs.umich.edu.3000>
Geography Resources on the Internet <http://ncgia.geog.buffalo.edu/GIAL/netgeog.html>
GeoWeb <http://wings.buffalo.edu/geoweb/>
New South Polar Times Project <http://139.132.40.31/NSPT/NSPTHomePage.html>
WWW Virtual Library: Geography http://hpb1.hwc.ca:10002/WWW_VL_Geography.html

Geology

Geology and Geophysics Number Crunchers Forum <http://www.glg.ed.ac.uk/crunch>
Image Finder <http://www.cm.cf.ac.uk/Misc/wustl.html>
Smithsonian Gem & Mineral Collection <http://galaxy.einet.net/images/gems/gems-icons.html>
Mathematical Geology <ftp://www.iamg.org/pub/MG>
Mathematical Geology and Computers in Geosciences <http://www.geosc.uh.edu/anon.html>
Numerical Analysis for Geological Sciences, Jim Carr <ftp://www.iamg.org/pub/Carr>
USGS Network Resources Page <http://www.usgs.gov/network/index.html>
The Very-Low-Grade Metamorphism WWW Server http://www.uni-erlangen.de/docs/FAU/fakultaet/natlII/geo_min/vlgm/

Glaciology

Benchmark Glaciers <http://orcapaktcm.wr.usgs.gov/BenchmarkGlaciers/bmg.html>
Glaciotectionic Bibliography <http://www.emporia.edu/s/www/earthsci/biblio/biblio.htm>
Satellite Images: Glaciers <http://geochange.er.usgs.gov/pub/info/facts/atlas/index.html>

Global Positioning

National Geodetic Survey Division (GPS Programs, Etc.) <http://www.ngs.noaa.gov/>

Government (*see also Organizations and Surveys*)

NOAA Home Page <http://www.noaa.gov/>
U.S. Geological Survey <http://www.usgs.gov/>

Grants

Grants Web <http://infoserv.rtonet.psu.edu/gweb.htm>
National Science Foundation World Wide Web Server <http://www.nsf.gov/>

Hydrology

EOSDIS Hydrologic Cycle Distributed Active Archive Center (DAAC) <http://wwwdaac.msfc.nasa.gov/>
 Great Lakes Info <http://h2o.seagrant.wisc.edu/greatlakes/greatlakes.html>
 The Great Mississippi River Flood of 1993 <http://www.nohrsc.nws.gov/flood.html>
 Hydrologic Cycle DAAC at Marshall SpaceFlight Center <http://wwwdaac.msfc.nasa.gov/>
 Hydrology Web <http://terrassa.pnl.gov:2080/EESC/resourcelist/hydrology.html>
 Midwest Flood Images 1993 <ftp://climate.gsfc.nasa.gov/pub/gumley/>
 National Operational Hydrologic Remote Sensing Center <http://www.nohrsc.nws.gov/>
 National Snow and Ice Data Center http://nsidc.colorado.edu/NSIDC/data_announcements/ice_concentration_01-90.html
 National Water Resources <http://wwwdilurb.er.usgs.gov/pub/resources.html>
 1993 Midwest Flood Images <ftp://climate.gsfc.nasa.gov/pub/gumley>
 Universities Water Information Network <http://www.uwin.siu.edu/>
 US Army Corps of Engineers 1993 Flood Home Page <http://www.wes.army.mil/EL/flood/f193home.html>
 USGS Earth and Environmental Science: Water <http://info.er.usgs.gov/network/science/earth/water.html>
 USGS Gauge Data <ftp://srv1rvares.er.usgs.gov/hcdn92/>
 USGS Real-Time Hydrologic Data <http://h2o.usgs.gov/public/realtime.html>
 USGS Water Resources of the United States <http://h2o.usgs.gov/>
 USGS Water Resources Publications <http://h2o.usgs.gov/public/wrd012.html>
 U.S. Water News <http://www.mother.com/uswaternews>
 Water Management Research Laboratory <http://asset.arsusda.gov/wmrl/wmrl.html>
 WRCS Hydrology and Hydraulics <http://users.aol.com/h2oengr/index.htm>

Internet

Awesome Lists <http://www.clark.net/pub/journalism/awesome.html>
 DejaNews (Search Usenet Articles) <http://www.dejanews.com/>
 Email Mailing Lists <gopher://liberty.uc.wlu.edu:70/11/internet/searchlistserv>
 FTPmail Servers <http://src.doc.ic.ac.uk/ftpmail-servers.html>
 Gopher <gopher://gopher.tc.umn.edu>
 HaLsoft HTML Validation Service <http://www.hal.com/~connolly/html-test/service/validation-form.html>
 Inter-Links <http://www.nova.edu/Inter-Links/>
 Internet Resources <http://bramble.er.usgs.gov/internetresources.html>
 Internet Resources Meta-Map <http://www.ncsa.uiuc.edu/SDG/Software/Mosaic/Demo/metamap.html>
 NCSA Software Tools <http://www.ncsa.uiuc.edu/SDG/Software/SDGSoftDir.html>
 Resources Classified by Type of Service <http://www.w3.org/hypertext/DataSources/ByAccess.html>
 Usenet News <gopher://liberty.uc.wlu.edu:70/11/internet/usenet/readers>
 WWW Primer <http://www.vuw.ac.nz/who/Nathan.Torkington/ideas/www-primer.html>
 Yahoo! <http://www.yahoo.com/>

Meteorology

ACCU-WEATHER <http://accuwx.com/berlin.de/english/index.html>
 Australian National University <http://life.anu.edu.au/weather.html>
 Canadian Weather Forcasts (Gopher) <gopher://gopher.nstn.ca:70/1>
 Cooperative Institute for Meteorological Satellite Studies (CIMSS) <http://cloud.ssec.wisc.edu/>
 Global Grid Point Air Temperature <ftp://cdiac.esd.ornl.gov/pub/ndp020r1/>
 Heat Index Chart <http://thunder.atms.purdue.edu/heat.html>
 Meteor-3 TOMS Data <ftp://jwocky.gsfc.nasa.gov/pub/meteor3>
 Michigan State University—Current Weather Maps/Movies <http://rs560.cl.msu.edu/weather>
 Michigan State University—Current Weather Maps/Movies <http://rs560.cl.msu.edu/weather>
 MSU Weather Maps, Satellite Images, Movies <http://rs560.cl.msu.edu/weather/index.html>
 NASA Optical Transient (Lightning) Detector <http://rimeice.msfc.nasa.gov:5678/otd.html>

National Geophysical Data Center (NGDC)—Defense Meteorological Satellite Program Home Page(DMSP) <http://web.ngdc.noaa.gov/dmsp/dmsp.html>
NCEP Storm Prediction Center http://www.awc-kc.noaa.gov/spc/storm_prediction_center.html
NOAA Network Information Center <http://www.nnic.noaa.gov/NIC/NNIC.html>
NOAA Network Information Center WWW Page <http://www.nnic.noaa.gov/>
NSF Geoscience Unidata Intergrated Earth Information Server <http://atm.geo.nsf.gov/>
NSF Weather Station Information <http://atm.geo.nsf.gov/atd/station.html>
Purdue Weather Processor <gopher://meteor.atms.purdue.edu/1>
Purdue Weather Processor <http://thunder.atms.purdue.edu>
Realtime Satellite Data from SSEC <http://www.ssec.wisc.edu/data/>
Storm Chaser Home Page <http://taiga.geog.niu.edu/chaser.html>
Tropical Meteorology <http://www.neosoft.com/citylink/blake/tropical.html>
Tornado Debris Project Home Page <http://geowww.gcn.uoknor.edu/WWW/Debris/Debris.html>
University of Illinois—The Daily Planet <http://www.atmos.uiuc.edu>
University of Michigan Weather Underground <http://groundhog.sprl.umich.edu/>
University of Edinburgh (Meteorology) (Gopher) <gopher://gopher.ed.ac.uk:70/1ftp%3acu.met.ed.ac.uk%40/>
U.S. Cities Weather and Forecasts <http://www.mit.edu:8001/weather/usa.html>
U.S. Monthly Sunshine and Cloud, ca. 1900-1987 <ftp://cdiac.esd.ornl.gov/pub/ndp021r1>
Weather Center <http://geowww.gcn.uoknor.edu/WWW/WxCenter/WxCenter.html>
Weather World <http://www.atmos.uiuc.edu/wxworld/html/detailed.html>
Wind Chill Chart <http://thunder.atms.purdue.edu/wchill.html>
World Data Center A, Meteorology <http://www.ncdc.noaa.gov/wdcamet.html>
Worldwide Daily Surface Meteorology Data <ftp://hurricane.ncdc.noaa.gov/pub/data/globalsod>

Mineralogy

Crystallography Index of the WWW Virtual Library http://www.unige.ch/crystal/crystal_index.html
Mineralogical Sites at Clausthal Institute <http://www.immr.tu-clausthal.de/>
USGS Minerals Page <http://minerals.er.usgs.gov>

Museums

Electronic Prehistoric Shark Museum <http://turnpike.net/emporium/C/celestial/epsm.htm>
The Field Museum Online http://www.bvis.uic.edu/museum/Dna_To_Dinosaurs.html
National Museum of Natural History (Smithsonian) <http://nsmnhgoph.si.edu/>
Natural History Museum London, England <http://www.nhm.ac.uk/>
Ocean Planet: Smithsonian Institute http://seawifs.gsfc.nasa.gov/ocean_planet.html
Ontario Science Center <http://www.osc.on.ca/>
Royal Tyrrell Museum <http://freenet.calgary.ab.ca/science/tyrrell/>
Smithsonian Institution <http://www.si.edu>
U.C. Berkeley Museum of Paleontology <http://ucmp1.berkeley.edu:80/welcome.html>

Oceanography

Altimetry Atlas of Indian and Atlantic Oceans by Delft University <http://dutlru8.lr.tudelft.nl/>
Global Ocean Heat Budget Data (Monthly) <http://ferret.wrc.noaa.gov/ferret/main-menu.html>
Hydro Atlas of the Southern Oceans from Alfred Wegener Institute <http://www.awi-bremerhaven.de/>
Interactive Hydrographic Map from the Levitus's 1982 Data Set <http://www.ori.u-tokyo.ac.jp/fujio/Levitus-map.html>
JPL Physical Oceanography Archive <http://seazar.jpl.nasa.gov/>
Levitus Annual Data Ocean T, Salinity, Oxygen <http://ferret.wrc.noaa.gov/ferret/main-menu.html>
Marine Geology, National Marine and Coastal Geology Program <http://walrus.wr.usgs.gov>
Physical Oceanography Distributed Active Archive Center <http://podaac-www.jpl.nasa.gov/>

RIDGE Multibeam Synthesis Project—Sea Floor Images http://imager.Ideo.columbia.edu/ridgembs/ne_pac/html/home.html
 Sea Floor Imagery http://imager.Ideo.columbia.edu/ridgembs/ne_pac/html/home.html
 Sea Surface Temperatures <http://www.rsmas.miami.edu/images.html>
 USGS Marine Server <http://marine.usgs.gov/>
 Woods Hole, USGS Atlantic Marine Geology <http://bramble.er.usgs.gov/>>
 World Ocean Circulation Experiment WOCE <http://www.coaps.fsu.edu/WOCE/>

Organizations and Surveys

Aberdeen Department of Geology and Petroleum Geology <http://hutton.geol.abdn.ac.uk/>>
 American Association of Petroleum Geologists <http://www.geobyte.com/>
 American Association of Stratigraphic Palynologists <http://www.geology.utoronto.ca/AASP>
 American Geological Institute <http://agi.umd.edu/agi/agi.html>
 American Geophysical Union Home Page <http://earth.agu.org>
 Association of Polish Geomorphologists <http://hum.amu.edu.pl/~sgp/welcome.html>
 Atlantic Geoscience Center <http://agcwww.bio.ns.ca/>
 Australian Geological Survey (Geological Survey of Canada) Organisation <http://www.agso.gov.au/>
 British Geological Survey <http://www.nkw.ac.uk/bgs/index.html>
 Geological Survey of Canada <http://emr1.emr.ca/gsc/>
 Geological Survey of Finland <http://www.gsf.fi/>
 Geological Survey of Japan <http://www.aist.go.jp:7128/>
 Geologists Home Page <http://www.geobyte.com>
 Geomagnetism Group <http://ub.nmh.ac.uk>
 Paleontological Society <http://www.uic.edu/orgs/paleo/homepage.html>
 Seismological Society of America <http://www.seismosoc.org/ssa>
 Structural Engineers Association of California <http://www.seaoc.org/seaoc/seaoc1.htm>
 UK Geoscience Information <http://www.bris.ac.uk/Depts/Geol/gig/gig.html>
 University of Texas El Paso Department of Geological Sciences gopher://dillion.geo.utexas.edu
 US Army Corps of Engineers <http://www.usace.mil:80/usace.html>
 Volcanological Society of Japan Home Page <http://loki.eri.u-tokyo.ac.jp/~kazan/VJSJ1E.html>

Paleontology

Dino Russ's Lair <http://jacobson.isgs.uiuc.edu/>
 Dinosaurs Index http://www.yahoo.com/Science/Earth_Sciences/Paleontology/Dinosaurs/
 Dinosaurs in Hawaii! <http://www.hcc.hawaii.edu/dinos/dinos.1.html>
 Dinosaur and Vertebrate Paleontology Links from Journal of Geoscience Education <http://www.geology.uiuc.edu/~schimmri/geology/vertebrate.html>
 Electronic Prehistoric Shark Museum <http://turnpike.net/emporium/C/celestial/epsm.htm>
 The Field Museum Online http://www.bvis.uic.edu/museum/Dna_To_Dinosaurs.html
 Invertebrate Paleontology and Evolution <http://www.geology.uiuc.edu/~schimmri/geology/invertebrate.html>
 Radiolaria Home Page http://mindlink.net/fabrice_cordey/rad.htm>
 Royal Tyrrell Museum <http://freenet.calgary.ab.ca/science/tyrrell/>
 Russian Paleontological Institute <http://ucmp1.berkeley.edu/exhibittext/pinentrance.html>
 U.C. Berkeley Museum of Paleontology <http://ucmp1.berkeley.edu:80/welcome.html>

Plate Tectonics

Crustal Dynamics Data Information System (CDDIS) <http://cddis.gsfc.nasa.gov>
 Geodynamics Branch (NASA/GSFC) <http://denali.gsfc.nasa.gov/>
 NCEER's Strong Motion Server <telnet://duke.ldgo.columbia.edu:23>

Publications

Astrophysics Data System Abstract Service http://adsabs.harvard.edu/ads_abstracts.html
 Computers and Geosciences <ftp://www.iamg.org/pub/CG>
 Earth Science Publications, US GPO http://www.access.gpo.gov/su_docs/sale/sb-160.html
 Earth Science Journals <http://www.ldeo.columbia.edu/journal.html>
 Electronic Green Journal <ftp.uidaho.edu/pub/docs/publications/EGJ>
 Electronic Green Journal <http://gopher.uidaho.edu>
 Free Online Geophysics Books from the Samizdat Press <http://cwp.mines.colorado.edu:3852/samizdat>
 GIS World <http://www.gisworld.com/>
 Journal of Paleolimnology (Online Abstracts) <http://www.umanitoba.ca/geosci/PALEOLIM/jopl.html>
 National Disaster Reference Database <http://ltpwww.gsfc.nasa.gov/ndrd/ndrd2.html>
 Online Earth Science Journals (Official Site) <http://www.ncpgg.adelaide.edu.au/journals.htm>
 Publications <http://www.usgs.gov/data/geologic/index.html>
 Science and the Environment <http://www.voyagepub.com/publish/voyage.htm>
 U.S. Geological Survey—Earth Science Publications <http://internet.er.usgs.gov/fact-sheets/index.html>
 Volcano Systems Center Univ. Washington: Journal List <http://www.vsc.washington.edu/resources/journals.html>
 VSC: Volcanology Publications <http://www.vsc.washington.edu/resources/pubs.html>

Reference (*see also Earth Science: General*)

CARL UnCover database <telnet://database.carl.org>
 Clearing House for Subject-Oriented Resource Guides <http://www.lib.umich.edu/chhome.html>
 Colorado Alliance of Research Libraries <telnet://pac.carl.org>
 Digital Library (University of Michigan) <http://www.lib.umich.edu/libhome/electres.html>
 Earthquake Hazards Bibliography, Utah <http://utstdpwww.state.ut.us/~ugs/eqhazbib.htm>
 Geographic Name Server/Xerox Map Gateway <http://wings.buffalo.edu/geogw>
 German Virtual Library Branch <http://www.rz.uni-karlsruhe.de/Outerspace/VirtualLibrary/>
 Global Electronic Library <gopher://marvel.loc.gov/11/global>
 INFO-MINE, Mining Information Service <http://www.info-mine.com/>
 National Biological Service Libraries <http://www.its.nbs.gov/nbs2/nbshp23.html>
 Server <http://www.nalusda.gov/>
 Sunrise/Sunset/Twilight and Moonrise/Moonset/Phase <http://tycho.usno.navy.mil/srss.html>
 U.S. Geological Survey Library <http://internet.er.usgs.gov/education/library.html>
 USGS Library System <http://internet.er.usgs.gov/education/library.html>
 WWW Virtual Library of Science <http://coombs.anu.edu.au/SpecialProj/ASAP/WWWVL-HSTM.html>

Remote Sensing (*see also Cartography and Mapping, Geographic Information Systems*)

Canada Centre for Remote Sensing <http://www.ccrs.emr.ca:80/gcnet/>
 Distributed Active Archive Center (EDC DAAC) <http://sun1.cr.usgs.gov/landdaac/landdaac.html>
 Earth Observing System (EOS) Home Page http://spso.gsfc.nasa.gov/spso_homepage.html
 Earth Resources Observation Systems (EROS) Data Center EOSDIS Land Processes
 EROS Data Center <http://sun1.cr.usgs.gov/eros-home.html>
 EROS Data Center Catalog <telnet://anonymous@glis.cr.usgs.gov>
 ESA Earth Observation <http://tracy.esrin.esa.it/>
 ISS 2D Browser—Interactively View High-Resolution Satellite Imagery <http://www-itg.lbl.gov/ISS/browser/iss2d.html>
 NASA Goddard Space Center: Biospheric Sciences Branch <http://ltpwww.gsfc.nasa.gov/bsb/Home.html>
 NASA: SeaWiFS Project <http://seawifs.gsfc.nasa.gov/SEAWIFS.html>
 Public Use of Remote Sensing Data <http://rsd.gsfc.nasa.gov/rsd/>
 Remote Sensing <http://www.vtt.fi/aut/ava/rs/virtual/>

Remote Sensing Meta Home Page <http://geog1.geog.nott.ac.uk/hypertext/home.htm>
 Remote Sensing Organizations <http://www.vtt.fi/aut/ava/rs/virtual/organizations.html>
 Shaded Relief Images: 5-Minute <http://ageninfo.tamu.edu/apl-us/>
 World Wide Web Virtual Library: Remote Sensing <http://www.vtt.fi/aut/ava/rs/virtual/>

Search (Internet)

Archie Request Form: Search FTP <http://hoofoo.ncsa.uiuc.edu/archie.html>
 Excite <http://www.excite.com/>
 InfoSeek <http://www2.infoseek.com/>
 Jughead gopher://liberty.uc.wlu.edu:3002/7
 Lycos <http://www.lycos.com/>
 Veronica gopher://veronica.scs.unr.edu/11/veronica
 WAIS—Directory of Sources <ftp://bash.cc.keio.ac.jp/pub/inet/wais-sources>
 WebCrawler <http://webcrawler.com/>
 Whole Internet Catalog <http://hearnet.gnn.com/gnn/wic/index.html>
 World Wide Web Worm <http://www.cs.colorado.edu/www/>

Seismicity (*see Earthquakes and Seismicity; Plate Tectonics*)

Software (*see also Geodata*)

Environmental Simulations Inc. <http://www.us.net/evisim/links.html>
 Erlangen Public Domain Software Collection http://www.rrze.uni-erlangen.de/docs/FAU/fakultaet/natIII/geo_min/geologie/soft.html
 Free Public-Domain Groundwater-Modeling Programs <http://scribe.geol.lsu.edu/rbwinston.html>
 Geochemistry Software <ftp://sparky2.esd.mun.ca>
 Groundwater Modeling Dept. Brigham Young Univ. <http://www.et.byu.edu/~geos/staff/owens/groundwater.html#ModelsEnviroMod>
 Internet Browsers and Client Software <http://life.anu.edu.au/links/syslib.html>
 Molecular Models http://ds.internic.net/indigo/molecular_models/index.html
 Software Server <http://199.227.7.95/ehisrvr.html>
 USGS Models Source Code <ftp://kilburn.keene.edu/Kilburn/ftp/GWM-L/>
 Virtual Software Library: Master Site <http://vsl.cnet.com/>

Soil Science

National Soil Survey Center <http://www.ncg.nrcs.usda.gov/soils/nssc.html>
 Soil Information System: Purdue University <http://dynamo.ecn.purdue.edu/~biehl/SoilInfo/Index.html>
 Soil Science Page: Soil Science Dept. Massey Univ. <http://www-aghort.massey.ac.nz/departs/soilsc/cysoil/soildep1.htm>

Virtual Field Trips

International Arctic Project 1995 <http://scholastic.com:2005/public/IAP/IAP-Home.html>
 Virtual Field Trip: Ice Age Trail Project, Wisconsin <http://www.uwsp.edu/acaddept/geog/vftrip/iat/>
 Virtual Field Trip: Oneonta to the Hudson River <http://www.hartwick.edu/geology/work/VFT-so-far/VFT.html>
 Virtual Field Trip: Tomorrow River, Wisconsin <http://www.uwsp.edu/acaddept/geog/vftrip/toriv/>
 Virtually Hawaii: Virtual Field Trips <http://www.satlab.hawaii.edu/space/hawaii/virtual.field.trips.html>
 Virtual Tourist <http://wings.buffalo.edu/world/>

Volcanology (see also Plate Tectonics)

Alaska Volcano Observatory http://volcano.und.nodak.edu/vwdocs/current_volcs/shishaldin/shishaldin.html
Big Island Page <http://www.satlab.hawaii.edu/space/hawaii/kilauea.virtual.field.trip.html>
Electronic Volcano (Dartmouth University) <http://www.dartmouth.edu/pages/rox/volcanoes/elecvolc.html>
Global Volcanism Network, Bulletin of <http://nmnhgoph.si.edu/gvn.html>
IRIS EOS Volcanogy Team's Home Page <http://www.geo.mtu.edu/eos/>
Long Valley Volcano Page <http://quake.wr.usgs.gov/VOLCANOES/LongValley/index.html>
Stromboli Volcano Page <http://udgtls.dgt.uniud.it/seismol/strombol.htm>
U.K. Vulcanologists Group http://exodus.open.ac.uk/volcano/volc_index.html
USGS Hawaii Volcano Watch Reports <http://www.soest.hawaii.edu/hvo/>
Volcano Information Center <http://magic.geol.ucsb.edu/~fisher>
Volcanic Simulation Group (Pisa, Italy) <http://www.dst.unipi.it/index.html>
Volcanic Topography at the Mid-Atlantic Ridge <http://hummm.who.edu/debbie.html>
Volcano World <http://volcano.und.nodak.edu/vw.html>
Volcanoes of the World http://volcano.und.nodak.edu/volc_of_world.html
What's Erupting Now! http://volcano.und.nodak.edu/vwdocs/current_volcs/current.html

Wetlands

Classification of Wetlands Manual, U.S. Fish and Wildlife Service <http://www.nwi.fws.gov/classman.html>
National Wetlands Inventory—Ecology Section <http://www.nwi.fws.gov/Ecology.html>
U.S. National Wetlands Survey <http://www.nwi.fws.gov/>