

CTC 450 Environmental Engineering Technology

Water & Wastewater Management
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Library Databases, select from the library home page at <http://www.sunyit.edu/library>

Engineering Village
IEEE Xplore
Science Direct
ProQuest

Search Engines:

Google Scholar <http://scholar.google.com>

Scirus (for Scientific Information & ScienceDirect) <http://www.scirus.com>

Internet Directories:

The Water Librarians' Home Page compiled by a California water agency librarian.
<http://www.interleaves.org/~rteeter/waterlib>

iCivilEngineer see Civil Engineer Web Directory <http://www.icivilengineer.com>

eiNET <http://www.einet.net>

Intute: Science Engineering and Technology > Engineering

The Intute Engineering Gateway provides free access to high quality resources evaluated and categorized by subject specialists

<http://www.intute.ac.uk/sciences/engineering>

Other Recommended Sites:

Office of the US Global Change Research Program

<http://www.usgcrp.gov/usgcrp/default.php>

The Intergovernmental Panel on Climate Change

<http://www.ipcc.ch>

Water and climate change, for scientific audiences, recent research in the field and maps & references to source materials

http://www.isse.ucar.edu/water_climate/index.html

Western Water Assessment

<http://wwa.colorado.edu/index.html>

Environmental Protection Agency <http://www.epa.gov>

Search the site for “global warming and water resources”

See also: EPA home>Educational Resources>Researchers and

Scientists>Environmental Data and Tools for scientific inquiry> Surf your watershed

The World Environment Library from The New Zealand Digital Library project

<http://nzdl.sadl.uleth.ca/cgi-bin/library?a=p&p=about&c=envl>

The **Global Warming International Center** (GWIC), information on **global warming** science and policy in more than 145 countries. <http://www.globalwarming.net>

The Tiempo Climate Cyberlibrary, covering **global warming**, climate change, sea-level rise etc., from University of East Anglia. UK. The Cyberlibrary also provides access to the quarterly bulletin, 'Tiempo', the 'Newswatch' facility which provides hourly updates of climate news from websites worldwide, country profiles, the 'Bright Ideas' databank of ideas for limiting the problem of climate change.

<http://www.cru.uea.ac.uk/tiempo>

The Hydrologic Cycle: Online Meteorology Guide, contains clear diagrams and animations. From the University of Illinois.

[http://ww2010.atmos.uiuc.edu/\(Gh\)/guides/mtr/hyd/home.rxml](http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/hyd/home.rxml)

International Glossary of Hydrology

Definitions of terms used in the study of water and water resources. Includes terms from hydrology, hydrobiology, meteorology, soil sciences, physics, chemistry, and other related sciences. Available in several languages.

<http://www.cig.ensmp.fr/~hubert/glu/HINDENT.HTM>

National Environmental Scorecard

<http://www.scorecard.org>

National Weather Service, National Centers for Environmental Prediction

<http://www.ncep.noaa.gov>

Online Tutorials:

MIT OpenCourseWare free lecture notes, exams, and other resources from more than 1700 courses from MIT's entire curriculum.

<http://ocw.mit.edu/OcwWeb/web/home/home/index.htm>

Open University (U.K.) Provides climate models

<http://openlearn.open.ac.uk/course/view.php?id=1526>

WOW “Water on the Web” <http://wow.nrri.umn.edu/wow/student/lessonlist.html>

Water quality tutorial <http://waterdata.usgs.gov>

Water what-ifs <http://www.ncsu.edu/sciencejunction/depot/experiments/water>

(US Geological Survey) Water Science for Schools <http://ga.water.usgs.gov/edu>

National Center for Atmospheric Research's Environmental and Societal Impacts Group www.esig.ucar.edu

Organizations:

Pew Charitable Trust, Pew Campaign on Global Warming <http://www.pewtrusts.org>

RealClimate, Climate Science from Climate Scientists <http://www.realclimate.org>

Calculators:

Martindale Calculators <http://www.martindalecenter.com/Calculators4.html>

Or go to <http://www.martindalecenter.com>

Look under “Geoscience Center”, then click on “water”

Miscellaneous:

MathWorld the Web’s most extensive mathematics resource

<http://mathworld.wolfram.com>

“**Howstuffworks** explains hundreds of subjects, from car engines to lock-picking to ESP, using clear language and tons of illustrations.”

<http://www.howstuffworks.com>

Dihydrogen Monoxide Research Division - dihydrogen monoxide info

<http://www.dhmo.org>