



COSEE-West lecture, November 16, 2005
 “Glaciers and Global Sea Rise”

A few links to useful web sites related to glaciers, sea level rise, and

<i>Glacier Background and Additional Information:</i>	
NASA - www.issset.org/site_of_the_month/glacier_bay/glacierbay.script.html	Article, “Understanding Glaciers of Glacier Bay, Alaska”, written by NASA glaciologist Dr. Dorothy Hall, which includes photos, movie clips, and maps.
NASA news www.nasa.gov/home/hqnews/2004/sep/HQ_04312_thinning_glaciers.html www.agu.org/sci_soc/sauber.html	Scientists Report Increased Thinning of West Antarctic Glaciers
CNN - www.cnn.com/TECH/science/9902/03/antarctic.ice.sheet/	Article, Measuring a Moving Glacier, from Earth in Space
Ocean Drilling Distance Learning Program (Texas A&M University, USA) http://oceandrilling.coe.tamu.edu/curriculum/Sea_Level/Ice_Volume/activity.html	Provides four exercises to help students identify the relationship between global climate change and Earth's ice volume and sea level, and to interpret climatic history. Teachers notes are also available.

<i>Sea Level Rise Background and Additional Information:</i>	
Windows to the Universe - www.windows.ucar.edu	Comprehensive web site that includes the many lesson plans, activities, and resources on different science topics, including the thermal expansion activity.
US Environmental Protection Agency http://yosemite.epa.gov/oar/globalwarming.nsf/content/resourcecenterpublications/sealevelriseindex.html	Sea Level Rise Report, which includes many links for a variety of issues that concern sea level rise.
NASA news www.nasa.gov/home/hqnews/2005/jul/HQ_05175_sea_level_monitored.html	NASA Satellites Measure and Monitor Sea Level
Earth & Sky - www.earthsky.org (www.earthsky.org/shows/show.php?date=20030331)	A radio series that discuss a variety of issues related to our planet. Contains a connection to tune in live or listen to past programs. Type sea level rise into the search window to find related articles.
NOVA - www.pbs.org/wgbh/nova/warnings/waterworld/	Warnings from the Ice, Water World, comprehensive website including numerous images modeling sea level rise.

<i>Marine Science Education:</i>	
The Bridge - http://vims.edu/bridge/	The Bridge is a unique clearinghouse of the best K-12 ocean sciences education sites available online.
OceanLink - http://oceanlink.island.net/index.html	A partnership between several marine organizations, all committed to marine education.
OceanWorld - http://oceanworld.tamu.edu/	An on-line resources for educators, information about useful books, links to lesson plans and classroom activities.



COSEE-West lecture, November 16, 2005
 “Glaciers and Global Sea Rise”

A few links to useful web sites related to glaciers, sea level rise, and

<i>Climate change and global warming web sites</i>	
hdgc.epp.cmu.edu/teachersguide/teachersguide.htm	Teachers’ Guide to High Quality Educational Materials on Climate Change and Global Warming
U.S. Environmental Protection Agency http://yosemite.epa.gov/oar/globalwarming.nsf/content/index.html	Global Warming with links for climate, emissions, impacts, actions, and specific location information.
www.worldviewofglobalwarming.org/pages/warmingmap.html	World view of global warming has a world map with specific areas highlighted. These contain links with information such as temperature and sea level rise and articles with images for the specific locale.
Intergovernment Panel on Climate Change - www.climatehotmap.org/	Global Warming: Early Warning Signs. Contains images and maps identifying warning signs such as glaciers melting and disease.
NOAA Education - www.education.noaa.gov/tclimate.html	Climate Change and Our Planet. A compilation of activities, articles, links, images, and interactive programs
www.stopglobalwarming.org	This is a newsletter that is delivered weekly with articles, images, and lessons that relate to issues concerning global warming.
Global Warming Kid’s Site - http://www.epa.gov/globalwarming/kids/	_U.S. Environmental Protection Agency provides global warming information for kids in a colorful format which include s games and animation

<i>Additional activities, lesson plans, and web sites:</i>	
Jet Propulsion Laboratory - http://topex-www.jpl.nasa.gov	Ocean Surface Topography from Space
DSELE - www.dlese.org/resources/mars.html	Contains a large array of science topics including oceans, earthquakes, tsunamis, volcanoes, and mars. Under each topic is multiple links for articles, activities, and images.
USGS - http://pubs.usgs.gov/fs/1999/fs175-99/	Article, El Nino Sea-Level Rise Wreaks Havoc in California’s San Francisco Bay Region
Union of Concerned Scientists - www.ucsusa.org/index.html	Includes links for global warming, vehicles, energy, invasives, security, food, and scientific integrity.
Atmospheric Radiation Measurement (ARM) - http://education.arm.gov/	Contains information for teachers, students, and other educators. Compilation of lesson plans, activities, and articles and global climate.
National Geophysical Data Center (NGDC) www.ngdc.noaa.gov/mgg/topo/globega2.html	Globe: A Gallery of High Resolution Images



COSEE-West lecture, November 16, 2005
"Glaciers and Global Sea Rise"

A few links to useful web sites related to glaciers, sea level rise, and