

## Where in the World?

### ***Scenario:***

The Gulf Coast of the United States was recently devastated by a hurricane and subsequent flooding. The President is concerned and wants to know if global warming is a factor in the increasing severity of hurricanes in that region. He has appointed a special commission to study the issue. Your team of consultants has been asked by the President to spearhead the commission because he has great confidence in your scientific expertise. You must develop a multimedia presentation for him, presenting highlights of the commission's report.

### ***Possible topics to cover (these are only suggestions and are not a requirement for a superior presentation):***

1. Provide general information about the theory of global warming.
2. Show the causes and projected effects of global warming.
3. Show examples of how changes in ocean temperature affect weather.
4. Show the connection between ocean temperature and hurricanes.
5. Provide information on the different levels of hurricanes and their impact on the Gulf Coast.
6. Make recommendations about how the government should deal with global warming.
7. Show weather maps and data to support the position you take and the recommendations you make.

### ***Possible Sources***

Meteorologists, video, encyclopedias, science textbooks, Florida relief workers, Florida schools, library books, your principal, local police department, local fire department, Internet websites:

National Hurricane Center <http://www.nhc.noaa.gov/>

NOAA: <http://www.ncdc.noaa.gov/oa/climate/globalwarming.html>

NOAA: [http://www.gfdl.noaa.gov/~tk/glob\\_warm\\_hurr.html](http://www.gfdl.noaa.gov/~tk/glob_warm_hurr.html)

EPA: <http://yosemite.epa.gov/oar/globalwarming.nsf/content/index.html>

Wikipedia: [http://en.wikipedia.org/wiki/Global\\_warming](http://en.wikipedia.org/wiki/Global_warming)

NRDC: <http://www.nrdc.org/globalwarming/>

World Wildlife Fund: <http://www.worldwildlife.org/climate/index.cfm?searchen=google>

Cooler Heads Coalition: <http://www.globalwarming.org/>

BBC: <http://news.bbc.co.uk/1/hi/sci/tech/4276242.stm>

### ***Bibliography***

Be sure to have a printed bibliography to hand to the judges before you begin your presentation. You are encouraged to cite all of your sources including graphics. A simple web tool to organize your bibliography can be found at <http://citationmachine.net/>