

# GEOG 135

## Preparation for presentation on Impacts on individual countries

Lab Goal: Preparing for the first presentation on Impacts on individual countries (Lab due by each country team on day of presentation).

The specific purpose of the presentation for each Country/Region representative:

**Determine the specific issues in regards to Emission Controls for their Country/Region; i.e. Why is there a need for greenhouse gas emissions controls in this country/region?**

Questions to focus on might include:

What are the current emissions standards, if any, for this country/region?

What are the current emissions estimates, if available, for GHG's for this country/region?

What are the sources of these GHG's?

- Industrial

- Agricultural

- Land Use Change (including but not limited to deforestation)

What are the current estimated reserves of these GHG producing resources?

What are the related known or suspected health affects at current emission levels?

Are alternative resources being investigated?

What is the current rate of industrial growth (GNP/GDP), absolute and relative, to the other countries?

What is the current population?

What is the current population growth rate?

What is projected population?

What are the vulnerabilities of the people to Climate Change impacts?

- Biodiversity Loss

- Freshwater loss

- Coastal Flooding

- Health Related Impacts: mosquito born diseases, contaminated water supplies, increased pesticide use, respiratory disease, sun exposure, etc.

Are alternative energy resources being explored?

**Keep in mind you might not be able to find all of this information, but these are the sorts of questions to ask when searching for information. A number of useful websites are sponsored by UNEP, various governmental organizations, and NGO's such as the World Resource Institute:**

<http://www.cia.gov/cia/publications/factbook/index.html> CIA World Fact Book

<http://www.grida.no/geo/geo3/> UNEP's Global Resource Info Database (GRID) Global Environmental Outlook 3

<http://www.unep.org/Geo2000/english/index.htm> UNEP's Global Environmental Outlook 2000

<http://earthtrends.wri.org/> World Resources Institute EarthTrends, The Environmental Information Portal (you will need to register but it's free)

<http://www.med.harvard.edu/chge/qrsummer02/review.html> Harvard Medical School's Quarterly Review on Human Health Affects of Climate Change

<http://www.ipcc.ch/pub/wg2SPMfinal.pdf> IPCC Third Assessment Report - Climate Change 2001: Impacts, Adaptation and Vulnerability (Summary for Policy Makers)

<http://ghg.unfccc.int/default1.htm?time=10%3A01%3A21+PM> UNFCCC Green House Gas Inventory Database

<http://www.spindrift.org/lightfoot/energy.htm> Green Energy; a list of links put together by students at UC Berkeley

<http://www.eren.doe.gov/> Department of Energy's Office of Energy Efficiency and Renewable Energy

<http://www.rivm.nl/env/int/geo/images/402001-012.pdf> UNEP Environment and Assessment Technical Report: Global Assessment of Acidification and Eutrophication of Natural Ecosystems

<http://www.cordis.lu/eesd/ka2/policies.htm> EU Related Policies: Global Change, Climate & Biodiversity

<http://europa.eu.int/comm/research/eesd/leaflets/en/index.html> European Commission: Energy, Environment & Sustainable Development

<http://www.geo.ucl.ac.be/accelerates/> Assessing Climate Change Affects on Land Use and Ecosystems (Funded by the European Commission)

[http://www.efi.fi/projects/forsce/example\\_of\\_results.html](http://www.efi.fi/projects/forsce/example_of_results.html) European Forest Institute history and projections

<http://www.pik-potsdam.de/ateam/> Advanced Terrestrial Ecosystems And Modeling (ATEAM)