**Week 11 – October 26-28**

**Global Health**

**Homework Due October 26:**

Student Resource 8.1-8.2, Reading: Environmental Risk Factors Related to Sanitation, Water, and Hygiene

Student Resource 8.3, Reading: Air Pollution, and Student Resource and 8.4 Note Taking: Air Pollution

Interpreting Charts and Graphs: Environmental Statistics

Student Resource 8.5-8.6, Global Health Detective: Environmental Statistics

**Monday:**

Discuss/Review Interpreting Charts and Graphs (8.5-8.6)

Read 8.7 Launch Letter: Global Health Summit

Read 8.8, Project Overview: Global Health Summit Proposal

Read 8.9, Observations: Environmental Health Issues- part 2

Discuss semester project:

 What global health issue is worthy of being a focus at an international summit?

**Wednesday:**

Use Student Resource 8.10 , Research Sources: Environmental Diseases.

 Explore one or two sites with a classmate. Create a list of environmental

 factors and the disease/s each causes.

* <http://www.ehso.com/environmentaldiseases.htm>
* <http://www.uniteforsight.org/environmental-health/module3>
* <http://www.niehs.nih.gov/health/topics/conditions/index.cfm>
* <http://www.humanillnesses.com/original/E-Ga/Environmental-Diseases.html#b>

Each student must pick one disease to research for homework:

* Chagas disease

<http://www.who.int/mediacentre/factsheets/fs340/en/index.html>

* Radon and cancer

<http://www.who.int/mediacentre/factsheets/fs291/en/index.html>

* Malaria

<http://www.who.int/mediacentre/factsheets/fs094/en/index.html>

* West Nile virus

<http://www.who.int/mediacentre/factsheets/fs354/en/index.html>

* Cholera

<http://www.who.int/mediacentre/factsheets/fs107/en/index.html>

* Asbestos-related illness

<http://www.who.int/mediacentre/factsheets/fs343/en/index.html>

* Asthma

<http://www.who.int/mediacentre/factsheets/fs307/en/index.html>

* Chikungunya

<http://www.who.int/mediacentre/factsheets/fs327/en/index.html>

* Dengue

<http://www.who.int/mediacentre/factsheets/fs117/en/index.html>

* Dracunculiasis (guinea-worm disease)

<http://www.who.int/mediacentre/factsheets/fs359/en/index.html>

**Homework due Monday, November 2**

Using Research Sources for Specific Diseases above, research your specific disease. Be sure to research how the disease affects people in developing countries, not the US. Developing countries are the ones the summit wants to help because they are most in need.

Using chart paper, complete the following information for your disease.

* A brief description of the disease
* The environmental factors linked to the disease
* The groups of people who are most at risk for the disease
* Steps that can be taken to reduce the environmental risk

This information will be posted and shared in class on Monday.