##### SAMPLE Worksheet #1:

##### GEOL110 – Environmental Geology Winter 2011

**Waste As A Resource**: ***Worksheet #1***

**Self-Assessment:** How well prepared are you to discuss/analyze the article.

**Your name: 4 3 2 1**

**Self-Assessment Guidelines:**

*4 = completed the reading & took notes.*

*3 = completed the reading*

*2 = read most of the article*

*1 = unprepared*

**Comments about your preparedness:**

**Who else is in your group?:**

ASSIGNMENT:

The overarching question we are exploring in this unit is, “What is waste, what are its impacts, and how can we mitigate them?” In order to explore this multifaceted issue please work with your group to answer the following questions.

In your group:

**In the first 60 minutes**

1st – Work with the available resources to find answers to these questions.

2nd – As a group, write specific ***consensus*** answers to the questions below. Be prepared to share your thinking with the class as a whole. Use extra paper as needed.

**In the following 40 minutes**

3rd – Participate in a whole class discussion the goal of which is to craft complete, holistic answers to these questions, and explore the answers to any additional questions that arise.

#0. Collect questions that your group has or that come up while answering these questions on an additional sheet of paper (to be turned in with the worksheet). Perhaps assign someone to this task.

#1. What are the various types of waste that our society generates? What are some environmental impacts and costs of dealing with each category of waste? Use additional paper as needed.

#2. What waste management practices are employed to deal with each category of waste, and how effective are they? Use additional paper as needed.