

AP Environmental Science Summer Assignment 2009-2010
Mr. Clifford Atkinson

In order to get a head start on the upcoming school year I am assigning a mandatory summer assignment. It will introduce you to the foundation of this course and help get you in the right frame of mind. In addition, it will free up several class periods that we will be able to use for other important activities. Please contact me via email or phone if you have any questions. The assignment is to be completed and turned in by the start of the first class meeting.

Before beginning your *APES* adventure, visit www.earthfathom.com and register on the website to gain access to all the necessary course resources.

Assignment - Tragedy of the Commons:

[Download](#) and read Hardin's complete article.

[Download](#) and read Crowe's complete article.

Type a response or summary of the articles. It must be a minimum of 3 pages, typed using APA format, and include no more than 6 direct quotes properly cited. Include a title page with the title "Tragedy of the Commons", your name, and date.

In addition to the summary paper, answer questions based on what you read in the articles. Questions are to be answered completely using full sentences or paragraphs.

- Who wrote the article and when?
- How does population growth play a role in the tragedy of the commons?
- What does it mean when Hardin says there are no technical solutions to a particular problem?
- Explain how Hardin came up with the statement that "the optimum is, then, less than the maximum"?
- Describe and propose solutions for the greatest tragedy of the commons that you believe exists in: your household, your neighborhood, the City of Virginia Beach, the State of Virginia, the United States, and the World.

To complete the assignment, find 5 current event articles that are based on the tragedy of the commons. The event must have occurred within the last two months. Explain the event in terms of the tragedy of the commons.

Summer assignments are to be turned in to guidance or electronically as an attachment to an email sent to mratkinson@earthfathom.com. Save the trees!