

**ECON 275 – 70: ENVIRONMENTAL ECONOMICS – Take Home Final Exam
(30 points total)**

The following are the rules relating to the take-home exam.

1. The take-home exam must be returned by 11:59 pm on Sunday, **June 26, 2022**. Please upload your file in Canvas. A Microsoft Word file is preferred.
2. NO late exams will be accepted, as grades must be submitted to the registrar on time.
3. You may not discuss the exam in any way with anyone until the exam period is over.
4. It is preferable that the exam be typed in a font size of 12 point. Single or 1.5 spacing is fine. Please make it easily readable.
5. If you need to draw diagrams and prefer to do by hand, kindly take a picture of the diagram and copy and paste it into the submitted exam.
6. Any violation of the rules regarding consultation with others will be considered honor code violations. In addition, violation of rules regarding consultation or lateness will lead to assessment of penalties in grading (regardless of whether honor code action is taken).

YOU MUST DO ALL PROBLEMS. PLEASE SHOW ALL WORK AND MAKE SURE TO READ EACH QUESTION CAREFULLY AND ANSWER EACH QUESTION FULLY.

1. **(6 points total)** Refer to the website listed below and scroll down to **the Health and Climate Change Country Profiles: 2015-2018 series**.

[Health and Climate Change Country Profiles](#)

- a. **(2 points)** Choose one country listed on the website that is of particular interest to you and briefly summarize (**in about 200 words**) what you consider to be the two most important effects of climate change in that country.
- b. **(4 points)** Now **in a minimum of about 400 words**, 1) update the status the effects of climate change in the country you chose (that means examine the changes that have occurred in the last few years) and 2) explain what the country is currently doing to mitigate the effects of this contributor (this means in the last two year or so). In your opinion, is the country doing enough or could it do more? Give advice to the country since you are now an expert in environmental economics. Please cite your sources.

2. **(5 points)** There has been a lot of hype lately promoting the use of electric vehicles. Some look at the as a panacea, while others claim the positive effects are severely overstated. In a minimum of **500 words**, which position do you take and explain why. Referencing sound studies that support you position will be very helpful.
3. **(5 points)** A group of aliens has landed on earth, and they have asked you to explain the concept of climate change. They cannot understand why it is a controversial issue in some countries. In a minimum of **500 words** what would you say to them?
4. **(5 points)** Choose a major city in a developing country ([List of Developing Countries](#)) that is facing environmental problems (that is really most cities in a developing country). In a minimum of **500 words**, explain the current situation to someone unfamiliar with environmental economics and suggest economic and/or political policies that could be implemented to address the issues.
5. **(5 points)** Examine the following article that looks at the issue of drinking water [Infographic: Which countries have the safest drinking water?](#) Chose one country with safe drinking water and one country with unsafe drinking water and in a **250-word** essay for each country (**total 500 words**) explain why the current situation exists.
6. **(2 points)** You are hired as a consultant to a small country which is relatively undeveloped. Half the people in the government (we shall call them the RED party) desire to promote ecotourism as a development strategy since it has a large area of wilderness with many species of animals. However, the other half of the government (we shall call them the GREEN party) fear that the effects on the environment will be negative. You are asked as a neutral party to present a report (in no less than **200 words**) outlining the pros and cons of ecotourism. You can also give your opinion as to what the government should decide.
7. **(2 points)**. **In a minimum of 200 words**, describe what you believe will be the state of the environment when you reach the very old age of 50. How did it get that way?