

ECO448: Term Paper Guideline

The objective of this term paper assignment is for you to conduct an economic analysis of an environmental and natural resource issues by using the knowledge you gained from the class. This will be a good practice for presenting your findings orally through class presentation and in writing in English. You have to select one of the following topics and do an extensive research in order to conduct your original research and conclude your own findings.

As I mentioned multiple times in the class, the originality of the paper is the most important aspect of this assignment. Copy-paste (including the direct translation from Turkish materials) from existing materials will not be appreciated. The lack of originality causes you to gain very low grade.

You can work alone or form a group of two students. A group should not include more than two students.

In the following parts of this guideline, it includes 1. topic list, 2. basic information 3. the guideline for the preparation of the topic submission and 4. the guideline for the preparation of the term paper.

1. Topic List

Topic 1: Economic Development and Environmental Protection Policies in Turkey

Your paper under this topic should include the following points:

1. Describe briefly the general development policies and environmental protection policies and visions of Turkey. Discuss which type of policy the government has been and will be focusing on, and why.
2. What type of economic agents support the economic development-based policies? How about for the environmental protection-based policies? Discuss the reasons of both sides. Which side do you support and why?
3. Discuss the costs and benefits of “economic development only policy” and “economic development with environmental policies”. In your opinion, is Turkey ready for achieving both economic development and environmental protection? Discuss your reasons.

Topic 2: Turkish Government's Policies for Reducing Green House Gasses (GHG) Emission.

Your paper under this topic should include the following points:

1. What is the current situation of GHG emission in Turkey? What kinds of industries emit GHG the most?

2. What are the policies of Turkey for the reduction of GHG? Are they regulation-based policy, market-based policy or both? Analyze each policy framework in terms of implementation, monitoring and penalty scheme. Is it feasible? What could be the “weak point” of these policies?
3. What do you suggest as your original alternative policy for GHG emission? Is it regulation-based policy or market-based policy? Describe your policy including implementation, monitoring and penalty scheme. Discuss the reason why your policy may work better than the government’s policies?

Topic 3: Air or Water Pollution Problem in Turkey.

Your paper under this topic should include the following points:

1. Describe the causes of the pollution problem you selected, current condition and negative effects on economic activities, environment and human health and welfare in the affected area.
2. Discuss the existing policies for the pollution control. What types of policies are they – court-based, regulatory-based, tax-based, or market-based? Analyze each policy framework in terms of implementation, monitoring and penalty scheme. Are they working effectively? If not, what are the reasons?
3. What do you suggest as your original alternative policy for the reduction of the pollution? Describe your policy including implementation, monitoring and penalty scheme. Discuss the reason why your policy may work better than the (local) government’s policies?

Topic 4: Economic and Environmental Analysis of Nuclear Energy in Turkey

Your paper under this topic should include the following points:

1. Discuss the costs and benefits of nuclear energy in terms of environment, human health and economic development. Compare them with the case of thermal energy using lignite and coal and the case of renewable energy.
2. What are the existing plans for the introduction of nuclear energy in Turkey? Do you agree or disagree with these plans, and why? What kind of policy framework (construction, operation, monitoring and disaster control) has been prepared and will be necessary?
3. Discuss what kind of energy mix (the percentages of each energy source) is ideal for Turkey in terms of economy, environment, human health and welfare and energy security.

2. Basic Information

Important Dates

Topic Submission Due Date: **April 7 (Wed)**

Term Paper Submission Due Date: **May 12 (Wed)**

1. Language: **English**
2. Page Limit: **Maximum 8 pages** [Times New Roman, font size 12, double-spaced]
3. Grading Weight: total 20%
[5% for Topic and Outline Submission, 15% for Term Paper]
4. Topic and Outline Submission Due Date: **April 7th (Wednesday) at 5PM**. You can submit any time before the due date. Electric submission to sara@hacettepe.edu.tr is also accepted.
5. Final Term Paper Due Date: **May 12th (Wednesday) at 5 PM**. Submit electronically to sara@hacettepe.edu.tr (No need to submit a hard copy.)

3. Guideline for Topic Submission

Submit a brief memo (1 – 2 pages) about your paper including the following information.

1. *(Tentative) Title of the Term Paper*
2. *Objective of your research*
 - Describe why you have selected this topic (motivation) and what you would like to analyze.
3. *Approach/Methodology*
 - Describe how the topic will be analyzed:
 - Empirical, Theoretical, Data Analysis, Case Study or else
4. *Data/Information*
 - Describe where you are going to look for the necessary information/data

4. Guideline for Term Paper Submission

Submit a complete **5 - 8 pages** long, **typed with 12 point font** and **double-spaced**, paper including the components below. The paper should be submitted **electrically** by **5 PM** to [**sara@hacettepe.edu.tr**](mailto:sara@hacettepe.edu.tr). **Note:** Late papers will be deducted **5 % of the grade for EACH DAY late**.

1. *Title*
2. *Introduction*
 - What is the problem or topic you wish to investigate?
 - How will you approach this research?
 - Why is this of interest to you?
 - Give brief background information if considered necessary.
3. *Brief Literature Review*
 - Identify and cite articles that you found particularly interesting and useful for this paper. (Make sure you verify the reliability and quality of your sources. Use quotation marks if any parts of the articles are quoted directly.)
4. *Body of your ORIGINAL research*

- Research Methodology [Theoretical, Empirical, Data Analysis, Case Study...]
- Analysis [including the answers to the questions listed under each topic in the topic list.]
- Limitation of your research (if applicable)

5. *Conclusions*

- Summarize your major findings.

6. *Bibliography*

- List the article sources you consulted, cited and quoted in the paper.
- Make sure that all the sources used in the paper are listed here.

Note: "Wikipedia" cannot be the source of information. If you obtain information from Wikipedia, make sure to trace back the original citation.