

ECO448 Guideline for Course Project: Topic Submission and Final Report/Presentation

Objective of this course project is to attempt to provide policy recommendations for existing environmental problems around us. In order to do so, you are expected to take the following steps:

Step 1: Select a research topic, clearly state your research hypotheses and objective of your study.

Step 2: Design a survey to answer your research question. While designing the survey, make sure that you also consider estimation model. (Make sure to include a question which can be a dependent variable if you conduct a regression analysis). Not only a data summary with summary statistics and summary tables/charts, you have to conduct a regression analysis and/or ANOVA to analyze the data.

Step 3: Get an approval from the instructor by sending your survey by e-mail.

Step 4: Conduct a survey online. Collect more than 100 observations in order to get solid results from regression analyses.

Step 5: Conduct data analysis: (a) data summary, (b) regression analysis/ ANOVA/other statistical analysis.

Step 6: Prepare power-point presentation for Week 14 and make a presentation.

Step 7: Write a final report and submit by e-mail.

A: Topic Submission (Due on March 30 at 23:59, submit by e-mail)

You can submit one sheet of word document, including the following information.

1. Members (ID and names)
2. Title of your project, together with the objective and motivation. (Why you've selected this topic? Why are you interested in? What is your expected contribution with this project?)
3. Design of the survey (what kind of questions to be asked, strategies for data analysis, possible estimation models etc.) If you have a draft survey, submit it as well.
4. Reference (if you got some ideas from the existing literature)

B: Presentation (May 18 (Monday) at 13:00)

Prepare the presentation as a group. All team members have to present. The language is strictly in English. Presentation should contain:

1. Title
2. Objective/Motivation
3. Literature Review (if any)
4. Survey Design
5. Data Analysis (Data summary, regression analysis/ANOVA)
6. Findings, Policy Implications
7. Difficulties, Limitation of the study.
8. Conclusion.

C. Final Report (Due date will be announced on later date)

Submit one report per group by e-mail. All of the team members should contribute to the report. (Free-riders should be reported.) There is no page limit. You can write as much as you need. The report should take an academic journal format. It should include:

1. Title
2. Authors
3. Introduction (include literature review if any).
4. Survey Design (attach survey itself as an appendix in the end.) Here, describe the strategy of the survey and what you are trying to reveal by using the survey, including estimation methods and models.
5. Data analysis
 - 5.1. Data Summary
 - 5.2. Regression analysis/ ANOVA
6. Findings and Policy Implications/Recommendations
7. Conclusion.
8. References
9. Appendix (Survey)