B.E. International Program

Faculty of Economics, Thammasat University

EE 465/463 Project Evaluation

Semester 2/2014

Term Report

Due May 7, 2015 (in class)

Instruction:

- Each group of 2 students is required to write a term report and present it on the last day of class. You need to indicate each member's contribution in the report.
- The term report is a critical review of selected papers or studies (see the list below) that apply a cost-benefit analysis or related evaluation methods. You will be randomly assigned the selected paper (of course, trade is always possible!).
- The review includes two main parts:
    1. **Summary of the study** – it should identify the following components:
        - Background of the study.
        - What are alternative projects?
        - Whose benefits and costs count (standing)?
        - What are the impacts? How are they measured?
        - How are the relevant impacts quantified over the life of the project?
        - How are all the impacts monetized?
        - Discount factors and the estimation of NPVs of benefits and costs.
        - Compute the net present value of each alternative.
        - Any sensitivity analysis.
        - Recommendation.

2. **Critique of the studies** – you need to address *at least* one of the following issues that are the most likely to affect the results of the study if certain assumptions or facts change or if more information is available:
    - The impacts categories
    - Methods used in valuing the impacts
    - Monetization of the impacts
    - The length of the project
    - Discount factor
    - Sensitivity analysis

In writing the critique, you should explain what could be done differently and how, given new data are available. Explain your rationale clearly.

- **Format**: The report should not exceed 5 pages (Time New Roman Font 12, 1.5 space, 1-inch margin), excluding the reference page. The reference must be in APA style.

List of Selected Papers:

1. Ginsberg, G. M., Berger, S., & Shouval, D. (1992). Cost-benefit analysis of a nationwide inoculation programme against viral hepatitis B in an area of intermediate endemicity. *Bulletin of the World Health Organization*, *70*(6), 757.
2. Moses, L. N., & Savage, I. (1997). A cost-benefit analysis of US motor carrier safety programmes. *Journal of Transport Economics and Policy*, 51-67.
3. Maddison, D. (1995). A cost-benefit analysis of slowing climate change. *Energy Policy*, *23*(4), 337-346.
4. Nicaise, I. (2002). Giving fish or teaching to fish? A cost-benefit analysis of Belgian employment-training projects for minimum income recipients. *Public Finance and Management*, *2*(2), 272-293.
5. Schwindt, R., Vining, A., & Globerman, S. (2000). Net loss: A cost-benefit analysis of the Canadian Pacific salmon fishery. *Journal of Policy Analysis and Management*, *19*(1), 23-45.

6. Hanley, N., & Slark, R. (1994). Cost-benefit analysis of paper recycling: a case study and some general principles. *Journal of Environmental planning and Management*, *37*(2), 189-197.

7. Levin, H. M. (1986). A benefit-cost analysis of nutritional programs for anemia reduction. *The World Bank Research Observer*, *1*(2), 219-245.