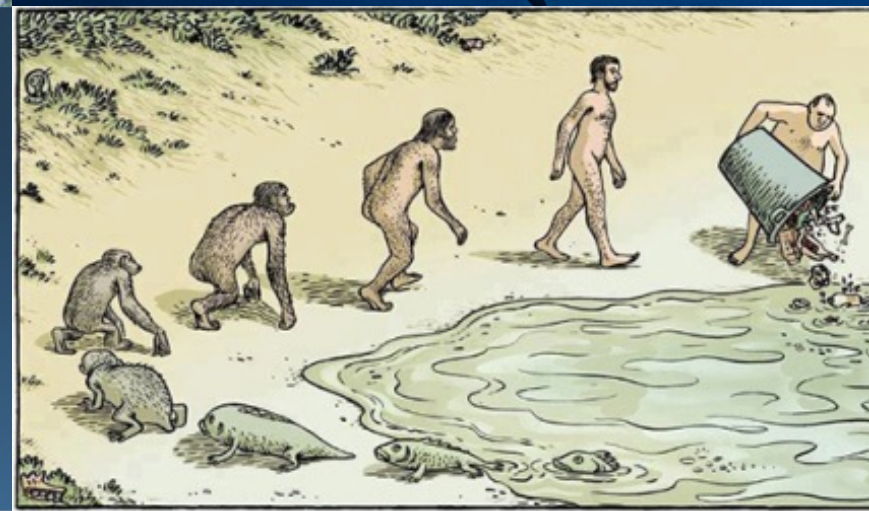




BACHELOR OF
ECONOMICS
THAMMASAT UNIVERSITY

EE476
Environmental Economics
2022



Course Description

- Important environmental problems and related theories, the concepts of efficiency and cost-benefit analysis. The effectiveness of policies, measures, and tools to control and solve environmental problems. The estimation of effects of various economic development projects on environment. The concept of sustainable development, social welfare indicators that incorporate environmental impacts.

Pre-requisites

- EE311 (having completed either EE320 or EE325 is recommended)

Evaluation

- Mid-term examination 35%
- Final examination 50%
- Group project 15%

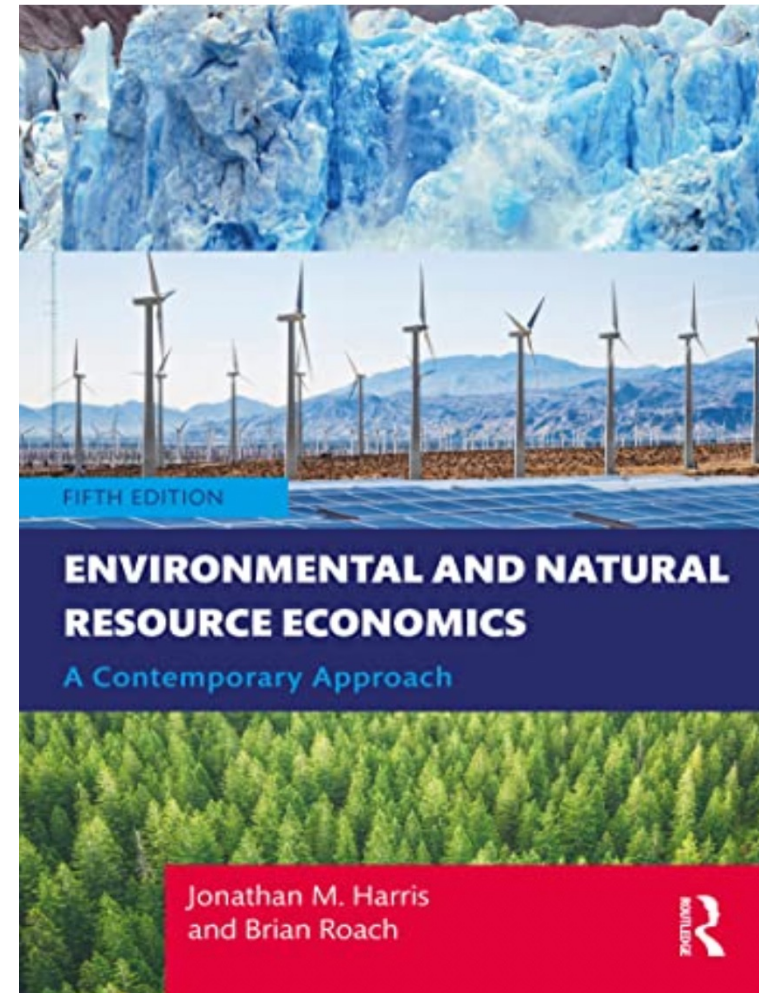
Mid-Term : **Wednesday, September 28, 2022: 09.00-11.00 hrs.**

Final : **Friday, December 2, 2022: 09.00-12.00 hrs.**

NO MAKE-UP EXAM

Textbook

[Search here](#)



See course outline

Group short report/article

- Pick an environmental issues of your interest.
- Provide facts about problem.
- Proposed policy recommendation.
- Maximum 10 pages
- Presentations

Documentary “HOME”



- Min 20:39 – 38:41
- Min 1:15:50 – 1:20:43

Review of economics concepts

- Maximizing net benefit

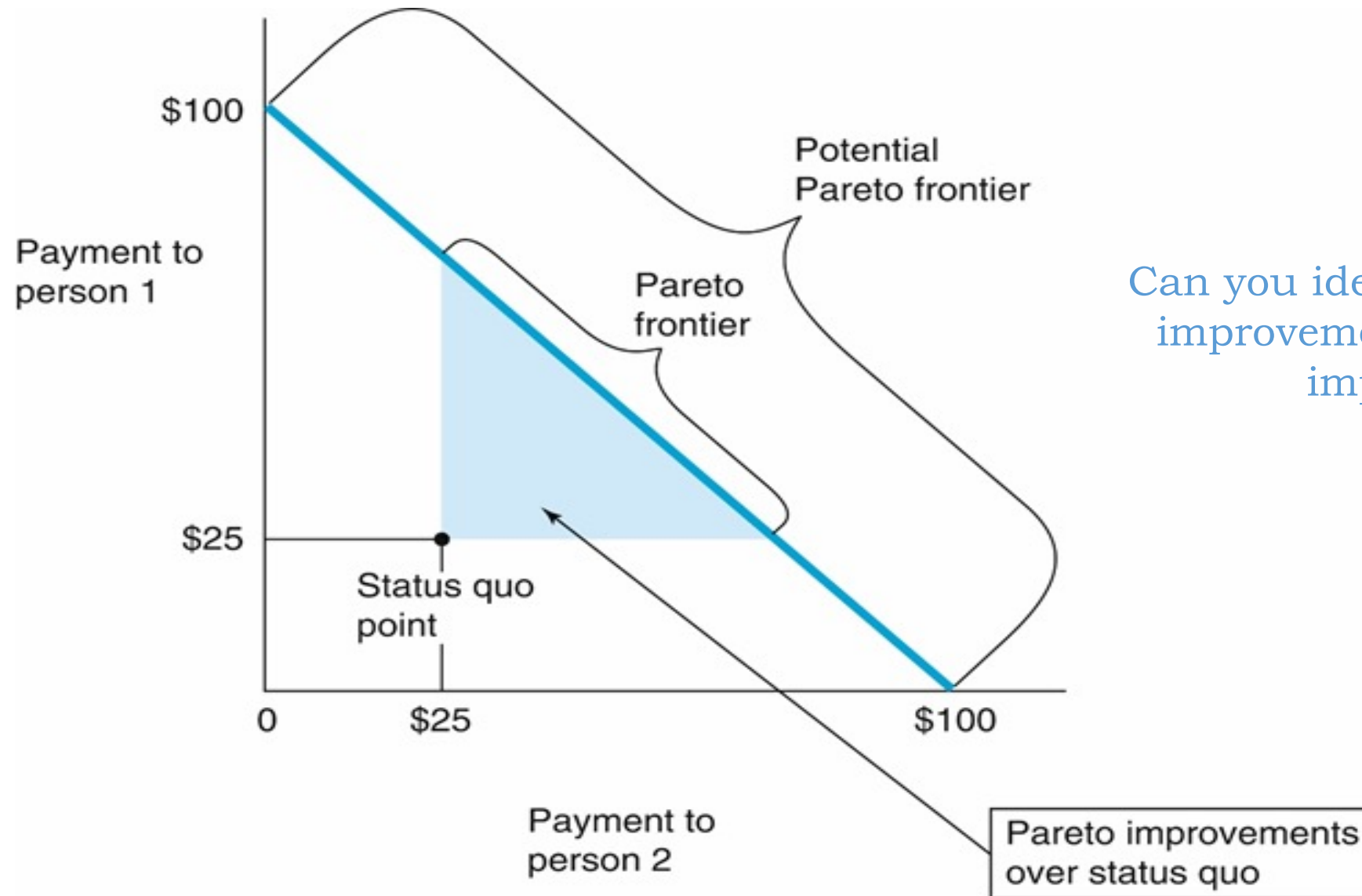
Review of economics concepts

- Elasticity

Review of economics concepts

- **Pareto Improvement:** No one is made worse off. At least one person is made better off.
- **Kaldor-Hicks Improvement:** Some people may be made worse off. But we could imagine some set of transfers from those made better off to those made worse off so that, post-transfers, no one is worse off (a *potential* Pareto Improvement).
- **Pareto Efficient:** *We cannot find a way to make some people better off without making anybody else worse off.*
- **Kaldor-Hicks Efficient:** *We cannot find a way to make some people better off without making anybody else worse off **more**. (running out of option with $NB > 0$)*

Review of economics concepts



Can you identify the area of K-H improvement (potential Pareto improvement)?