EE375 Applied Economics for Natural Resources and Environment
Semester 1/2021 (August 9 - November 27, 2021)
Instructor: Dr. Supawan Saelim

THAMMASAT

Quiz 3

(5 points)

Time: 29 October 2021 at 14:50-15:20 (30 minutes)

There are 2 questions. You need to answer all two questions. Please **submit** your answers in a PDF file with a file name "**Quiz3_StudentID_FirstName Surname**" via BE Moodle class before **15:30**.

Question 1: (2.5 points)

"Thailand will formally announce a new pledge to achieve carbon neutrality by 2065 at the COP26 in UK in November 2021."

a. What could be the reasons driving Thailand to set carbon neutrality target at COP26?
b. What policies could be used to achieve carbon neutrality in Thailand?

Question 2: (2.5 points)

"A cost-effective allocation of a uniformly mixed fund pollutant is where marginal costs are equalized for all sources or firms." Do you agree with this statement? Explain the reasons supporting your answer.

Question 1: (2.5 points)

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a. What could be the reasons driving Thailand to set carbon neutrality target at COP26?
b. What policies could be used to achieve carbon neutrality in Thailand?

a) From COP 26, the target is anbitious and daunting. The world must come up with effective stategies to balance the whole amount of greenhouse gas released and the amount removed from the atmosphere within the next 30 years to keep the temperature rise well below 1.5°c. So, it will require a huge investment and technology in many area. Unfortunately, Thailand will be the technology consumer rather than an innovator from limitted technology capacity.

b) mitigation policies that effort to moderate the temperature rise by using strategies to reduce emission or to absorb greenhouse gases because use technology that ↓ emission and ↑ the ability to absorb emission

Question 2: (2.5 points)

"A cost-effective allocation of a uniformly mixed fund pollutant is where marginal costs are equalized for all sources or firms." Do you agree with this statement? Explain the reasons supporting your answer.

agree because from economic theory, that minimize cost and look at below.

Graph: A Cost-Effective allocation of a uniformly mixed fund pollutant