

# EE375 Applied Economics for Natural Resources and Environment

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Class Information:

[BE Moodle](#) (Enrollment key for BE Moodle: 0369)



**Class line Group**



# Agenda

Introduce course  
outline

Lecture Topic 1

Getting to know  
you 😊



# EE375 Applied Economics for Natural Resources and Environment

Semester 1/2022 (August 8<sup>th</sup> – November 26, 2022)

- ▶ **Class day:** Wednesday and Friday
- ▶ **Class time:** 14:00 – 15:30
- ▶ **Venue:** Room 101, ground floor, Faculty of Economics
- ▶ **Teaching Materials Platform:** [BE Moodle](#) (Enrollment key for BE Moodle: 0369)

## Course Objectives:

The course aims to provide fundamental knowledge on what topics are discussed in the fields of **natural resources** and **environment**, how **economic concepts** are applied to analyze issues in these fields, and how to **approach** a range of natural resource management and environmental **problems** using **economic instruments** to inform private and public sector with **policy considerations**.



# Topics to be covered in EE375

Mid-term (Natural Resources)	Final (Environment)
1. Introduction	9. Economics of Climate Change
2. Economic Approach	10. Economics of Pollution Controls
3. Valuing the environment: Concepts and methods	11. Applications: Air pollution
4. Applications: Energy	12. Applications: Water pollution
5. Applications: Water	13. Applications: Waste and toxic substances
6. Applications: Land	14. Sustainable Development
7. Applications: Forest	Group project presentations
8. Applications: Fishery	Summary and review

## Main Reading Lists:

**[TL]** – Tietenberg, T. and Lewis, L. Environmental Natural Resource Economics, 2015 (10<sup>th</sup> edition), Pearson.

**[HSW]** – Hanley, N., Shogren, J. and White, B., Introduction to Environmental Economics 2013 (2<sup>nd</sup> edition), Oxford University Press.

Additional materials related to the topics will be provided during the class



# Grading criteria

**Mid-term exam: 30%**

Wednesday Sep 28 at  
12:00 – 14:00

**Final Exam: 30%**

Wednesday Tuesday  
Dec 13 at 13:30 – 16:30

**Assignment and Quiz: 25%**

**Group project: 15%**

(+ Bonus points for active class participation)



Note: A poll for group assignment will be sent out later via line group



# Know Ajarn Supawan (Name)



Education: Economics and Finance

Work experience:

Agora Energiewende, UN consultancy projects, USAID Clean Power Asia, UNU-WIDER, Project CliMiP, PwC Thailand, WHA Corporation

Awards: First runner-up in Economics Article Competition and awarded Good Research Proposal from Setthatat and awarded good PhD dissertation from NRCT

Papers and reports: Carbon tax and household demand, economic analysis of distributed PV, disruptive technologies, long-term energy scenarios (ongoing), EV and renewable energy use in industry (ongoing)

Link: [google scholar](#)



# Topic 1: Introduction to Natural Resources and Environmental Economics

1.1 Relationship between economics, natural resources and environment



1.2 Key insights from Economics



# Getting to know you

## Group 1:

Mr KRITTAPHAT TISTITHAM  
Mr THANATIP DANWILAIKIJ  
Miss SIRIN RATTANABHIBAL  
Miss PANTHITSEMPRAYOON  
Miss PIMPITCHHARNATICHART

## Group 2:

Mr WONGSATHON SUWANNARAT  
Mr PUNNATORN VECHAPUTI  
Miss PATCHARALUCK CHAOWUT  
Miss SARIYJEARAKUL  
Miss THITICHAYKITTIPOLTAVEESAK

## Group 3:

Miss RATTAPIN CHANDRUBEKSA  
Miss NUTTARIKCHATRATICHART  
Mr NATTHANCHIRATHIPNORAPHAT  
Miss NARAWADEE SITTIPANYA  
Miss NARAPATR SUPHAKIATKAMCHORN

## Group 4:

Mr PATSAKORN PATTAMAKOM  
Miss THITIRAT VIWATDECHA  
Miss JITPASSORN YINGNAISIRIKUL  
Miss CHAYANEE ORANSIRIKUL  
Mr SORN RATANAWANNASIT

## Group 5:

Miss PIMPAJEE APINYAAPICHAJ  
Miss SUTHANUCH BUSAYAPOKA  
Miss PONGKARN THAMMAPUECH  
Mr THANACHOTE PHOOTANAKIT  
Mr CHANON SIRIPANASAN

## Group 6:

Miss PATPIMON CHOOLEKHA  
Miss SUWAPICH MANOPRASERTKOON  
Mr NANTIPAT KRAITAT  
Miss THAMONPAT SODSAI  
Miss NARUDEE BENJAPATANAMONGKOL

## Group 7:

Miss ARPHANCHANICH PARSUK  
Miss PAPORN PIYANAWIN  
Mr DANUSORN JAISRITRAKUL  
Mr THEE AMORNWUTTHISUDJA  
Miss NITCHAYKULRATANARAK

## Group 8:

Mr KORNKRID APINYAKORN  
Miss SARITCHANOKNAMCHAI  
Miss PAREENWEERAPORASU  
Mr SUPPANUT CHAKRANON  
Miss POONYANUCH UACHAROENCHAI

## Group 9:

Miss PANTHITAKESIRIKULSUB  
Miss BENYATIP UKATI  
Miss RADPANPANICH  
Miss RAWISARTHONGOUMYAI  
Miss NIPAPAK ACHARNEWVANIT  
Miss PAVARISRUJICHALADOL

## Group 10:

Miss APICHAYSUPUTHAYOTHIN  
Miss RATIYAKORN DAMRONGSAK  
Mr KASITHAT KRAISIN  
Miss ONICHPONPATTANAKUL  
Miss KANYAMAS PATTHANAKUL  
Miss PATTRANIT CHAISIRINON

## Talk in group: Getting to know your friend

- 1) What would you like to do for a career?
- 2) Which topics interest you the most?

Group representative will share 2 mins each

