

Economic of climate change

Lesson for MCCD at Vietnam Japan University
Tong Thi My Thi
2020

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11	Part 3: Selected Topics in Climate Policy Climate change, climate policy and the role of agriculture and forestry
12	Part 3: Selected Topics in Climate Policy Biofuels, Carbon Offsets
13	Part 3: Selected Topics in Climate Policy Energy efficiency, energy security, and climate policy in Vietnam
14	Part 3: Selected Topics in Climate Policy Energy efficiency, energy security, and climate policy
15	Wrap-up and discussion


Grading

- Attendance and **active participation** in class 10%
- Problem-based assignment 15%
- Individual presentation 15%
- Exam 60%

**Contents of class
(from 11-21 March 2020)**

- Lesson 1: Climate policy and two sides of climate policy: Adaptation and mitigation (Wed, 11/3)
- Lesson 2: International agreements and implications to economics of climate change (Thu, 12/3)
- Lesson 3: Public finance and climate finance (Thu, 12/3)
- Lesson 4: Carbon market and carbon emission trading (Mon, 16/3)
- Lesson 5: Climate policy and climate finance in Vietnam (Wed, 18/3)
- Lesson 6: Students' individual presentations (Sat, 21/3)

Learning resources



AR5 Climate Change 2014: Impacts, Adaptation, and Vulnerability

The assessment of impacts, adaptation, and vulnerability in the Working Group II contribution to the IPCC's Fifth Assessment Report (WGII AR5) evaluates how patterns of risks and potential benefits are shifting due to climate change since 2007 when the Fourth Assessment Report (AR4) was released.

<https://www.ipcc.ch/report/ar5/wg2/>

- Chapter 10 – Key economic sectors and service
- Chapter 17 – Economics of Adaptation

Learning resources










Learning resources

- https://www.bankofgreece.gr/BogEkdoseis/Book%20The%20Economics%20of%20Climate%20Change_WebVersion.pdf
- <http://documents.worldbank.org/curated/en/539251468027633716/pdf/565620ESW0WHIT10Report1Nov117102010.pdf>
- <https://openknowledge.worldbank.org/>
- <https://academic.oup.com/cesifo/article/60/1/32/379342>
- <https://www.nature.com/articles/nature15725>
- <https://unccelearn.org/course/index.php>

Lesson 1

Climate policy and two sides of climate policy: Adaptation and mitigation

Policy and Public policy

- The policy is 'the most important choice made (or implemented)', for organizations, as well as personal life (Lasswell 1951); *(the point to note here is that the policy must be a decision that has been selected to make, not an intention)*;
- Policy is a series (set of actions) aimed at solving a problem (Anderson 1984);
- Policy is the process by which a society creates and compulsively decides which behaviors are acceptable and which are not (Wheelan 2011);
- Policy is part of the framework of ideas through which we are governed by a rational way, among the multidimensional aspects of life (Colebatch 2002).
- Policy is what the **Government** does, the reason and the difference it makes (Dye 1972);
- Policy is what the **Government** did or ignored (Klein & Marmor 2006);
- Policy is an action of the **State** to use available resources to promote a priority value (Considine 1994);
- Policy is a work that is carried out continuously by policy-makers in order to use public institutions to connect, coordinate and express the values **they** pursue (Considine 1994);

Policy and Public policy

Public policy in Viet Nam can be simply understand as a **collection of policies and actions** of a certain aspect of the government that includes the goals that the **Government** wants to achieve and how to implement those goals

(These goals include comprehensive development in the fields of economy - culture - society – environment)

Policy and Public policy

- The policy is a set of institutionalized (legally) measures to discriminate between social groups, adjusting the motivation of groups' activities towards social development goals.
- All policy measures, regardless of approach, are published in the form of legal documents:
 - Legal documents are "policy bearers"
 - Function: Institutionalize policy ideas, convey those policy ideas to the public

Economic policy

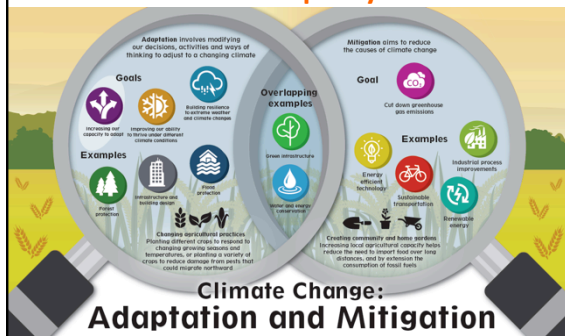
"The economic policy of governments covers the systems for setting levels of **taxation, government budgets, the money supply and interest rates** as well as the **labour market, national ownership**, and many other areas of government interventions into the **economy**"

"Most factors of economic policy can be divided into either fiscal policy, which deals with government actions **regarding taxation and spending/ expenditure**, or monetary policy, which deals with central banking actions regarding the money supply and interest rates"

Discussion point

What do you think about 'Climate policy'?

Adaption and mitigation: two sides of Climate policy



Climate Change Adaptation

- The process of adjustment to actual or expected climate and its effects.
- In human systems, adaptation seeks to moderate or avoid harm or exploit beneficial opportunities.
- In some natural systems, human intervention may facilitate adjustment to expected climate and its effects

(according to IPCC, 2014)

Climate Change Mitigation

- Climate change mitigation consists of actions to limit the magnitude or rate of global warming and its related effects.
- Climate change mitigation generally involves reductions in human (anthropogenic) emissions of greenhouse gases (GHGs)
(according to IPCC, 2014)
