



B.E. International Program

Faculty of Economics, Thammasat University



Course Syllabus

EE 390 Economics of Agricultural and Rural Development

Semester 2/2016 (January - May, 2017)

Date & Time: Tuesday and Thursday, 11.00-12.30 AM
Classroom: Room#204 Faculty of Economics,
Thammasat University Tha Prachan Campus
Instructor: Chol Bunnag [cholb@econ.tu.ac.th]
Office: Room 456 (4th Floor)
Office hour: Tue, Thu 13.00-15.00

Moodle enrolment key: '1658'

Course Description:

Dynamics and forms of agricultural and rural development since post World War II up until now. Factors affecting the dynamics including the effects from macroeconomic policies, agricultural policies, policies on social welfare and populism. The role of market and global trade, potentials and limitation of communities and the formation of economic groups. The relationship between agriculture, rural area, environment and alternative development.

Number of credits: 3 credits

Prerequisites: EE210 or EE211 (or EE213) and EE212 (or EE214)

Course Objectives:

- 1) Understand more about the complex nature (structure, development, and interrelationship) of agricultural and rural sectors.
- 2) Be familiar with some key analytical frameworks to apply with current debates

Evaluation

Midterm exam (March 7 th 2017, 11.00 AM - 12.30 PM)	35 points
Final exam (May 29 th 2017, 09.00 AM – 12.00 PM)	35 points
Policy making activity (PBL)	20 points
Class Participations	10 points

Policy Making Activity (20 points)

Form a group of 5-6 members, then imagine your group as a political party.

Based on the principle of Problem-Based Learning (PBL), this political party will have to perform the following tasks:

Step 1. Identifying the problem and its cause

Objective: To identify and understand problems and their causes in Thai rural society

As a group

- Collecting information/knowledge about the existing status of Thailand's rural society and its problems.
- Identify existing status of Thailand's rural society and its problems.
- All groups present the findings to the class and discuss. (24th of January)
- Then each group selects a problem of interest to your group.
- Analyze the problem and form a set of 3-4 hypotheses that might explain that problem.
- Identify a set of key topics of knowledge that are necessary for understanding the hypotheses and for identifying the most plausible hypothesis.
- Assign two members per one key knowledge/information to do the research.

As individual

- Do the research on the key topics of knowledge/information assigned to you, using the faculty's learning resources such as lectures in class, the library, the internet, and/or consult this with the lecturer.

As a group (2nd of March)

- Each member presents what they have found. The other member who was assigned to do the same topic should also discuss whether his/her finding is different with the member's finding.
- Discuss and conclude the most plausible explanation.
- Present the conclusion to the class and discuss.

Learning products at the end of the Step 1

- **Submit report 1 (5 points – as a group)** that elaborates the findings on the status of Thailand's rural society and its problems, explains why your group choose the problem of interest, show the analysis of the problem and explain how the hypotheses are formed, lists the set of key topics of interest and briefly explains why they are necessary to understand the hypotheses, lists the members and the topic(s) assigned to them, and explains which hypothesis is the most plausible one and why.
- **Submit individual report (5 points – as individual)** that elaborates what your findings on the assigned topics.

Step 2. Policy Making

Objective: To review policy solutions and design policies to solve the problem in the context of Thailand

As a group

- Review policy solutions to the problem of interest from step 1.
- Present the review to the class. (4th of April)
- Design policies that solve the problem of interest in the context of Thailand.
- Present the problem, your understanding of the problem (product of step 1) and the policies to your classmates, external judges, and the public. (4th of May)

Learning product at the end of Step 2

- **Presentation** (5 points – from judges)
- **Submit report 2** (a necessary condition) – The report should present the review of the policy solutions to the problem of interest, explain design process of your policies, and elaborate your policies and explain how they can solve the problem.

Summary of Evaluation for the Policy Making Activity

Step 1

Group report	5 points
Individual report	5 points

Step 2

Presentation	5 points
Group report	Necessary condition for the presentation points

The whole process

Individual Participation	5 points
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Group leader and secretary will automatically get 3 and 2 points, respectively, if their responsibilities are fulfilled.

Class participation (10 points)

Class participation includes participation in other class activities, for example, book/book chapter reviews and presentations, class discussions, attending and asking questions in class. There will be at least 2 book/book chapter reviews that need participation from the class.

If the students fully participate in these class activities, the class will automatically get 10 points for the class participation. Individual or collective failure to participate in class will result in point deduction of the whole class. Rate of point deduction is to be determined when necessary, on case-by-case basis.

Excursion (Voluntary)

It is impossible to understand the complexity of agriculture only sitting in the classroom. At least one two-day field trip will be organized. Although this is voluntary, it is highly recommended because it could give you new perspectives towards Thai rural society and rural development. It could also be beneficial to the policy making activity as well as your personal experience.

Teaching Plans

Week	Date	Topic	Remark
1	17 th Jan 17	Introduction and Course Overview	Class Activity
	19 th Jan 17	Class cancelled – The 39 th Annual Symposium	No Class
2	24 th Jan 17	Policy Making Activity 1	Group activity
	26 th Jan 17	Part 1: Dynamics of Global and Thai Agricultural Development	Lecture
3	31 st Jan 17		
	2 nd Feb 17		
4	7 th Feb 17	Part 2: History of Thai Rural Society: Regional Perspectives	Group presentation and Class discussion
	9 th Feb 17		
5	14 th Feb 17	Part 3: Economic Theories of Farm and Households Production and Agricultural Development	Lecture
	16 th Feb 17		
6	21 st Feb 17		
	23 rd Feb 17	Thailand University Game	No class
7	28 th Feb 17	<u>Field trip on 25-26 Feb</u>	No class

	2 nd Mar 17	Policy Making Activity 2	Submit report 1 and individual report
8	7 th Mar 17	Mid-term examination	No class
	9 th Mar 17	Tuesday, March 7, 2017: 11.00 AM – 12.30 PM	No class
9	14 th Mar 17	Part 4: Rural development: • Concepts and dynamics of international development and rural development in Thailand • Development principles and processes • Economic aspect of the community mechanism • Sufficiency Economy Philosophy	Lecture
	16 th Mar 17		Lecture
10	21 st Mar 17		Lecture
	23 rd Mar 17		Group presentations and class discussion
11	28 th Mar 17	Part 5: Frameworks for community analysis • Sustainable livelihoods framework • Institutional analysis and development framework	Lecture
	30 th Mar 17		Lecture
12	4 th Apr 17	Policy Making Activity 3	Group presentation and Class Discussion
	6 th Apr 17	Chakri Memorial Day	
13	11 th Apr 17	Songkran Festival Holiday	
	13 th Apr 17		
14	18 th Apr 17	Part 6: Collective action • Collective Action Theory • Self-organizing Common-Pool Resource Management	Lecture
	20 th Apr 17		Lecture
15	25 th Apr 17	Part 7: Rural development initiatives • Microfinance • Community-based resource management • Models of agriculture development initiatives (Sustainable agriculture/ precision agriculture/ multifunctional agriculture/ public-private partnership) • Cooperatives	Lecture
	27 th Apr 17		Lecture
16	2 nd May 17	Part 8.1: Community Challenges 1: • Farmers' Adaptation to Climate Change	Guest lecture
	4 th May 17	Part 8.2: Community Challenges 2: • Communities and Development Projects	Guest lecture
17	9 th May 17	Policy Making Activity 4	Final Presentation
	11 th May 17	Final: Reflection	Class activity

Reading list

Major Reading:

- Eicher, Carl K. and Staatz, John M. (edited). (1998). "International agricultural development, Third Edition". Baltimore (Md.) : Johns Hopkins university press, 1998.
- "Handbooks of Agricultural Economics" Volume 1-4. North-holland. [HAE]
- Barrett, C. B. (2011). The Economics of Agricultural Development: An Overview. *original essay*.
- Dethier, Jean-Jacques & Effenberger, Alexandra (2012). Agriculture and development: A brief review of the literature. *Economic Systems*, Elsevier, vol. 36(2), pages 175-205.

Part 1: Dynamics of global and Thai agricultural development

• Global context

- Eicher and Staatz, Chapter 1, 7, 8, 9, 10, 28
- HAE Vol.1A, Chapter 5
- HAE Vol.3, Chapter 55
- Banaji, J. (1976). Summary of selected parts of Kautsky's: The Agrarian Question. *Economy and Society*, 5(1), 1-49.
- Hayami, Yujiro, (2007). *An Emerging Agricultural Problem in High-Performing Asian Economies*. Agricultural Distortions Working Paper 48635, World Bank.
- Norton, G. W., & Alwang, J. (1993). *Introduction to economics of agricultural development*. McGraw-Hill, Inc.. Chapter 5, 6, 11
- Ploeg, J. V. D. (2013). *Peasants and the art of farming. A Chayanovian manifesto*. Winnipeg: Fernwood.
- Tsakok, I. (2011). *Success in agricultural transformation: what it means and what makes it happen*. Cambridge University Press.

• Thailand context

- Coxhead, Ian and Plangprapha, Jiraporn (1999). *Thailand's economic boom and agricultural bust: Some economic questions and policy puzzles*. University Of Wisconsin-Madison, Department of Agricultural and Applied Economics Staff Paper Series No. 419 (September 1998).
- Goss, Jasper and Burch, David (2001). From Agricultural Modernisation to Agri-Food Globalisation: The Waning of National Development in Thailand. *Third World Quarterly*, Vol. 22, No. 6, The Post-Cold War Predicament, (Dec., 2001), pp. 969-986.
- Doner, R. F. (2009). *The politics of uneven development: Thailand's economic growth in comparative perspective*. Cambridge University Press.
- Rosegrant, M. W., & Hazell, P. B. (2000). *Transforming the rural Asian economy: The unfinished revolution* (p. 512). Oxford: Oxford University Press.

Siamwalla, Ammar (1996) "Thai Agriculture: From engine of growth to sunset status". TDRI Quarterly Review, Vol. 11, no. 4, December, 3-10.

Part 2: History of Thai Rural Society: Regional Perspectives

พอพันธ์ อุยยานนท์. 2546. "เศรษฐกิจชุมชนหมู่บ้านภาคกลาง". กรุงเทพฯ: สถาบันวิจิตรศิลป์
รัตนพร เศรษฐกุล. 2546. "หนึ่งศตวรรษเศรษฐกิจชุมชนหมู่บ้านภาคเหนือ". กรุงเทพฯ: สร้างสรรค์
สงบ ส่งเมือง. 2546. "เศรษฐกิจชุมชนหมู่บ้านภาคใต้ในรอบห้าทศวรรษที่ผ่านมา" กรุงเทพฯ: สถาบันวิจิตรศิลป์
สุวิทย์ ชีรสาคัด. 2546. "ประวัติศาสตร์เศรษฐกิจชุมชนหมู่บ้านอีสาน 2488-2544". กรุงเทพฯ: สร้างสรรค์

Part 3: Theories of Farm and Households Production and Agricultural Development

Cramer, L. Gail & Jansen, W. Clarence & Southgate Jr, D. Douglas (2001). "Agricultural Economics and Agribusiness", Wiley, 8th edition. Chapter 11, 12.

Dorfman, J. H. (2014). *Economics and Management of the Food Industry*(Vol. 10). Routledge. Chapter 5, 8

Mendola, M. (2005). Farm Households Production Theories: a Review of 'Institutional' and 'Behavioural' responses. *University of Milan Italy Economics Working Paper*, (2005-01).

Norton, G. W., & Alwang, J. (1993). *Introduction to economics of agricultural development*. McGraw-Hill, Inc.. Chapter 8

Taylor, J. E., & Adelman, I. (2003). Agricultural household models: genesis, evolution, and extensions. *Review of Economics of the Household*, 1(1-2), 33-58.

Part 4: Rural development

Eicher and Staaz, Chapter 5 and 17

Hayami, Y., & Godo, Y. (2005). *Development economics: From the poverty to the wealth of nations*. Oxford University Press.

Johnson, Craig (2001). State and Community in Rural Thailand. *The Asia Pacific Journal of Anthropology*, 2:2, 114-134.

Keyes, Charles (2014). *Finding Their Voice: Northeastern Villagers and the Thai State*. Silkworm Books.

Phongpaichit, Pasuk., and Baker, Chris (1996). *Thailand's Boom!*. Silkworm Books. Chapter 7.

Puntasen, Apichai., and, Suzuki, Pattamawadee. (2001). Strategies in Strengthening the Community (Synthesis and Recommendations). In, Chaityuth Punyasavatsut (edited) (2001). *60th Anniversary, Mr. Apichai Puntasen* (Thai title: "๖๐ ปีนายอภิชัย พันธเสน").

Rigg, Jonathan., and Ritchie, Mark (2002). Production, Consumption and Imagination in Rural Thailand. *Journal of Rural Studies* 18 (2002) 359–371.

Santasombat, Yos (2008). *Flexible Peasant: Reconceptualizing the Third World's Rural Types*. Rockefeller Foundation . Chapter 1, 6.

- Sattayanurak, Attachak (2010). *Changes in the Perception of "Thai Rural Society" and a New Model for Resource Management*. Institute of Development Economies. Japan External Trade Organization.
- Siamwalla, Ammar (2001). *The Evolving Roles of the State, Private, and Local Actors in Rural Asia.*, Oxford University Press. Chapter 2
- Shigetomi, Shin'ichi (1992). From 'Loosely' to 'Tightly' Structured Social Organization: The Changing Aspects of Cooperation and Village Community in Rural Thailand. *The Developing Economies*, XXX-2. June 1992.
- Shigetomi, S. (2004). Spaces and Performance of NGOs in Thailand: Their Transformation in the Development Process. *The NGO Way: Perspectives and Experiences from Thailand*, 39-60.
- Van der Ploeg, J. D., Ye, J., & Schneider, S. (2015). Rural development: Actors and practices. In *Constructing a new framework for rural development* (pp. 17-30). Emerald Group Publishing Limited.
- Van der Ploeg, J. D., Renting, H., Brunori, G., Knickel, K., Mannion, J., Marsden, T., ... & Ventura, F. (2000). Rural development: from practices and policies towards theory. *Sociologia ruralis*, 40(4), 391-408.
- Walker, Andrew (2012). *Thailand's Political Peasants: Power in the Modern Rural Economy*. New Perspectives in SE Asian Studies Series. University of Wisconsin Press. Chapter 1.

Part 5: Frameworks for community analysis

- DFID (1999). *Sustainable Livelihoods Guidance Sheets*. DFID, London.
- Ostrom, Elinor. (2011). Background on the Institutional Analysis and Development Framework. *The Policy Studies Journal*, Vol. 39, No. 1.

Part 6: Collective Action

- Olson, Mancur (1965). *"The logic of collective action; public goods and the theory of groups"*. Cambridge, Mass: Harvard University Press.
- Ostrom, Elinor (1990). *"Governing the Commons: the evolution of institutions for collective action"*. New York: Cambridge University Press.

Part 7: Rural development initiatives

- Eicher and Staaz, Chapter 24, 25, 26
- HAE Vol.1A, Chapter 10
- HAE Vol.2A, Chapter 24
- Aoki, M., & Hayami, Y. (2001). *Communities and markets in economic development*. Oxford university press. Chapter 13.
- Baland, J. M., & Platteau, J. P. (1996). *Halting degradation of natural resources: is there a role for rural communities?*. Food & Agriculture Org..

- Barrett, C. B. (2007). Displaced distortions: Financial market failures and seemingly inefficient resource allocation in low-income rural communities. *Development Economics between Markets and Institutions: Incentives for Growth, Food Security and Sustainable Use of the Environment*, 73-86.
- Brunori, Gianluca., Rand, Sigrid., Proost, Jet., Barjolle, Dominique., Granberg, Leo., Dockers, Anne-Charlotte Dockes (2009). "Towards a conceptual framework for agricultural and rural innovation policies". Working Paper 1 Review of relevant conceptual frameworks and theoretical underpinnings. Strengthening Innovation Processes for Growth and Development (IN-SIGHT). The 6th Framework programme of the European Union.
- Federico, Giovanni (2005). "Feeding the World: An Economic History of Agriculture, 1800-2000". Princeton Economic History of the Western World. Princeton University Press . Chapter 7.
- Hazell, Peter. (2009). "The Role of Markets for Managing Agricultural Risks in Developing Countries". In, Kaliappa Kalirajan and Keijiro Otsuka (edited) (2009). *Community, Market and State in Development*. Palgrave Macmillan.
- Johnson, Craig and Forsyth, Tim (2002) "In the eyes of the state: negotiating a "rights-based approach" to forest conservation in Thailand". *World development*, 30 (9). pp. 1591-1605.
- Losch, B., Fréguin-Gresh, S., ve White, E.T. (2012). *Structural Transformation and Rural Change Revisited. Challenges for Late Developing Countries in a Globalizing World*. The World Bank.
- Morduch, Jonathan (1999). "The Microfinance Promise." *Journal of Economic Literature*, 37(4): 1569-1614.
- Ostrom, Elinor (2001). "The Puzzle of Counterproductive Property Rights Reforms: A Conceptual Analysis," in Alain de Janvry & Gustavo Gordillo & Elisabeth Sadoulet & Jean-Philippe Platteau (ed.), *Access to Land Rural Poverty and Public Action*, page 129-150 Oxford University Press.
- Petruchenya, A., & Hendrikse, G. (2014, August). Emergence of cooperatives and farmer heterogeneity. In *2014 International Congress, August 26-29, 2014, Ljubljana, Slovenia* (No. 182772). European Association of Agricultural Economists.
- Ribaudo , Marc & Greene, Catherine & Hansen, LeRoy & Hellerstein, Daniel (2010). "Ecosystem services from agriculture: Steps for expanding markets". *Ecological Economics* 69, (2010) 2085–2092.
- Timmer, P. (2005). Agriculture and pro-poor growth: an Asian perspective. *Available at SSRN 1114155*.
- Van Huylenbroeck, G., Vandermeulen, V., Mettepenningen, E., & Verspecht, A. (2007). Multifunctionality of agriculture: a review of definitions, evidence and instruments. *Living Reviews in Landscape Research*, 1(3), 1-43.