



B.E. International Program

Faculty of Economics, Thammasat University



Course Syllabus

EE 390 Economics of Agricultural and Rural Development

Semester 2/2013 (January - May, 2014)

- Number of credits:** 3 credits
- Prerequisites:** EE210 or EE211 (or EE213) and EE212 (or EE214)
- Hours:** Wednesday and Friday, 09.30-11.00 AM
- Classroom:** Room#206 Faculty of Economics,
Thammasat University Tha Prachan Campus
- Instructor:** Nondh Nuchmorn
Email [nondh@econ.tu.ac.th]
Office: Room#17 (60th anniversary building)
Office hour: Wed, Fri 13.00-16.00
- Moodle enrolment key:** '1000'

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.

Evaluation

Midterm exam	30 points
Final exam	30 points
Group project A (Debate)	10 points
Group project B (Household data)	10 points
Group project C (Policymaking)	15 points
Excursion essay	5 points

Group Projects

Form a group of 5-6 members to work with these three assignments:

- **Group Project A: Debating Issues** (10 points)

Choose one of these debating issues, explore facts and figures, and synthesize clearly the arguments of these issues from various perspectives (collected from your own interviews with some key persons and secondary sources). Make a creative and informative presentation of 15 minutes using different media e.g. powerpoint, video clips, infographics, etc.

	Issues
Group 1	Rice pledging policy: pros, cons, and better solutions?
Group 2	"Fair trade" in agriculture: possibility and opportunity for Thailand?
Group 3	Is 'food conglomerate' vicious?: international and Thailand experiences
Group 4	Food industries and earth: water, deforestation, and greenhouse gases
Group 5	Contract farming in Thailand: chains or unchains of poverty?
Group 6	'Why are they here?': motivations, living conditions, and dreams of rural migrants in Bangkok
Group 7	Bottom-up financial groups in Thailand: towards mainstream and sustainability?
Group 8	'Community forest in Thailand': legal and practical problems?
Group 9	Can 'organic farming' really go mainstream in Thailand?
Group 10	How can small-scale farmers affordably go 'hi-tech?': best practices and policy recommendations
Group 11	Practical roles of municipalities and TAOs in development: strengths and weakness?
Group 12	Behaviors of Thai rural voters: are they really passive?

- **Group Project B: Household data** (10 points)

Students would be introduced to the socio-economic household dataset (SES) of Thailand as well as briefly trained in SPSS analytical software. Then, each group would be assigned to set their own interested questions to explore from this dataset to illustrate anatomy of farm households, their economic balances, access to welfares, etc. After playing with data, the results of assignment should be written within 10 pages (including figures) and presented in class for 10 minutes.

- **Group Project C: Policymaking** (15 points)

Imagine your group as a political party. You are asked to introduce your party, slogan, and only **five** best policies to gain maximum votes from Thai rural citizen. Make a 10 minutes speech with presentation to convince them. Evaluation would be based on your policies' practicality, sustainability, creativity, and opportunity to win election.

You can study some development and policy issues in these documents as a guideline:

World Bank (2008). "Agriculture for Development". World Bank Development Report 2008.

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.

Excursion essay (5 points)

It is impossible to understand the complexity of agriculture only sitting in the classroom. A two-day field trip would be organized. Students would be expected to write one short essay (not more two pages) on what you have learnt, being inspired or had questions during the field visits.

📅* **Important Dates:**

Class Begin	January 13
Adding and Dropping Courses W/O Record	January 13-27
Mid-term Exam Period	March 3-8
Course Withdrawal with "W"	March 19-24
Last Day of Classes	May 3
Final Exam Period	May 6-21

Study plan

Date	Topic	Remark
Fri, 17 th Jan	Course overview	
Wed, 22 nd Jan	Part 1: World of agricultural economics	
Fri, 24 th Jan	(cont.)	
Wed, 29 th Jan	(cont.)	
Fri, 31 st Jan	Part 2: Dynamics of global and Thai agricultural development	
Wed, 5 th Feb	(cont.)	
Fri, 7 th Feb	(cont.)	
Wed, 12 th Feb	Part 3: Political economy of agricultural public policy and international trades	
Wed, 19 th Feb	(cont.)	<i>Group project A (1)</i>
Fri, 21 st Feb	(cont.)	<i>Group project A (2)</i>
Wed, 26 th Feb	Part 4: Political economy of food industrialization and modern marketing	<i>Group project A (3)</i>
Fri, 28 th Feb	(cont.)	<i>Group project A (4)</i>
Make-up (TBA)	(cont.)	<i>Group project A (5)</i>
Mid-term Exam (March 7, 2014; 09.30-11.00 AM)		
Wed, 12 th Mar	Part 5: Rural development: concepts and dynamics in Thailand	
Fri, 14 th Mar	(cont.)	<i>Group project A (6)</i>
Wed, 19 th Mar	Part 6: Quantitative analysis of farmers, poverty, and rural migration • SPSS Workshop	Guest speaker (@Computer Lab)
Fri, 21 st Mar	(cont.)	
(Tentatively) Fieldtrip: Sun 23rd - Mon 24st, March		
Wed, 26 th Mar	<i>Presentation for Group project B</i>	
Fri, 28 th Mar	Part 7: Rural development initiatives • Microfinance	<i>Group project A (7)</i>
Wed, 2 nd Apr	• Community-based resource management	<i>Group project A (8)</i>
Thu, 4 th Apr	• Sustainable agriculture movement	<i>Group project A (9)</i>
Wed, 9 th Apr	• Innovative agriculture movement	<i>Group project A (10)</i>
Fri, 11 th Apr	Part 8: Rural governance, decentralization, and politics	<i>Group project A (11)</i>
Fri, 18 th Apr	(cont.)	<i>Group project A (12)</i>
Wed, 23 rd Apr	Part 9: Frameworks for community analysis • Institutional analysis and development framework	Guest speaker
Fri, 25 rd Apr	• Sustainable livelihoods framework	
Wed, 30 th Apr	<i>Presentation for Group project C</i>	
Fri, 2 nd May	(cont.)	
Final Exam (May 16, 2014; 09.00-12.00 AM)		

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.

Siamwalla, Ammar (2001). "The Evolving Roles of the State, Private, and Local Actors in Rural Asia"., Oxford University Press.

Listed by topic:

Part 1: World of Agricultural Economics

Eicher and Staaz, Chapter 7

HAE Vol.3, Chapter 52

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

Barrett, C.B. (2011) "The Economics of Agricultural Development: An Overview", original essay. [http://aem.cornell.edu/faculty_sites/cbb2/Books/Introduction%20Chapter%201%208June2011%20Revised%20Final%20Version.pdf]

Martin, Carin (2013). "The World of Agricultural Economics: An Introduction". Routledge.

Ellis, Frank. (1993) "Peasant economics : farm households and agrarian development". Cambridge ; New York, NY, USA : Cambridge University Press. (page 3-60).

James, Dow (1973). "Models of Middle Men: Issues Concerning Economic Exploitation of Modern Peasants". *Human Organization*. Vol. 32, NO. 4 Winter 1973.

Part 2: Dynamics of global and Thai agricultural development

• Global context

Eicher and Staaz, Chapter 1, 7, 9, 10, 28

HAE Vol.3, Chapter 55

Tsakok, Isabelle. (2011). "Success in Agricultural Transformation: What It Means and What Makes It Happen". Cambridge University Press, New York.

Hayami, Yujiro, (2007). "An Emerging Agricultural Problem in High-Performing Asian Economies," Agricultural Distortions Working Paper 48635, World Bank.

- **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).

Jitsuchon, S., and Siamwalla, Ammar (2009) "Economic Shocks and the Vulnerable in Thailand: A Case Study of Rising Food and Fuel Prices". Discussion Paper prepared by the Thailand Development Research Institute.

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.

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

Rigg, Jonathan (1993). "Forests and Farmers, Land and Livelihoods, Changing Resource Realities in Thailand". *Global Ecology and Biogeography Letters*, Vol. 3, No. 4/6, *The Political Ecology of Southeast Asian Forests: Transdisciplinary Discourses* (Jul. - Sep. - Nov., 1993), pp. 277-289.

Part 3: Political economy of agricultural public policy and international trades

Eicher and Staaz, Chapter 8, 11, 12, 14

HAE Vol.2B, Chapter 33, 36, 38

HAE Vol.3, Chapter 54

Siamwalla, Chapter 6

Schmitz, Andrew., Moss, B. Charles., Schmitz, G. Troy., and Furtan, Hartley (2013). "Agricultural Policy, Agribusiness, and Rent-Seeking Behavior". University of Toronto Press; 2nd Edition. Chapter 1, 2.

Federico, Giovanni (2005). "Feeding the World: An Economic History of Agriculture, 1800-2000". *Princeton Economic History of the Western World*. Princeton University Press . Chapter 9.

Dawe, David (editor) (2010). "The Rice Crisis: Markets, Policies and Food Security". Routledge. Chapter 1, 10, 17.

Choeun, Hong & Godo, Yoshihisa & Hayami, Yujiro (2006). "The economics and politics of rice export taxation in Thailand: A historical simulation analysis, 1950-1985," *Journal of Asian Economics*, Elsevier, vol. 17(1), pages 103-125, February.

Warr, Peter G. and Kohpaiboon, Archanun (2007). "Distortions to Agricultural Incentives in Thailand," *Agricultural Distortions Working Paper 48474*, World Bank.

- Warr, Peter G. (2007) "Trade policy and the structure of incentives in Thai agriculture". ASEAN Economic Bulletin, 25(3), 249-70.
- Poapongsakorn, N., Ruhs, M. and Tangjitwisuth, S. (1998). "Problems and outlook of agriculture in Thailand". In Proceedings of the 4th JIRCAS International Symposium "Sustainable agricultural development compatible with environmental conservation in Asia", eds. Horiuchi, H. & Tsubota, K., JIRCAS, Tsukuba, Japan, 45–62.
- Puntasen, Apichai., and, Chenvidyakarn, Montri. (2001). "Politics of Rice in Thailand: Policies, Issues, and Conflicts". In, Chaiyuth Punyasavatsut (edited) (2001). "60th Anniversary, Mr. Apichai Puntasen" (Thai title: "๖๐ ปี นายอภิชาติ พิณฑเสนา").
- Jungbluth , Frauke (1996). "Crop Protection Policy in Thailand: Economic and Political Factors Influencing Pesticide Use". A *Publication* of the Pesticide Policy Project. The Institute of Horticultural Economics, Hannover, December 1996. Publication Series No. 5
- OECD and FAO (2008). "OECD-FAO Agricultural Outlook 2008-2017".
- Anderson, Kym (2010). "Government Distortions to Agricultural Incentives: Lessons from Rich and Emerging Economies", Ch. 7 in *State, Community and Market in Development: Essays in Honour of Yujiro Hayami*, edited by K. Otsuka and K. Kalirajan, London: Palgrave Macmillan.
- Talukder, Dayal., and Chile, Love (2013). "A Survey on Agricultural Trade Liberalisation in Thailand". *Southeast Asian Journal of Economics* 1(1), December 2013: 49-66.

Part 4: Political economy of food industrialization and modern marketing

Eicher and Staaz, Chapter 18

HAE Vol.4, Chapter 64

Hoggart, Keith (editor) (1992). "Agricultural Change, Environment and Economy: Essays in Honour of W.B. Morgan (Global Development and the Environment)". Global Development and the Environment Series. Mansell. Chapter 2.

Corolan, Michael (2011). "The Real Cost of Cheap Food". Routledge.

Molitor T.T, Graham (2005). "Food And Agriculture In The 21st Century: Rethinking Our Paradigms" in *Getting Started with Sociology*, Lisa Grey Whitaker (ed.), page 187-194, The McGraw-Hill Companies.

Ritzer, George (2005). "The Mcdonaldization of Society" In *Getting Started with Sociology*, Lisa Grey Whitaker (ed.), page 13-18, The McGraw-Hill Companies.

Bachev, Hrabrin (2012). "Framework for assessing efficiency of farms and agrarian organizations". Munich Personal RePEc Archive. Paper No. 40136, posted 18. July 2012.

- Rosset, P., Rice, R. and Watts, M. (1999). "Thailand and the world tomato: Globalization, new agricultural countries and the agrarian question". *International Journal of Sociology and Agriculture of Food*, 8 : 71 – 94.
- Reardon, T., Timmer, C.P. and Minten, B. (2010). "The supermarket revolution in Asia and emerging development strategies to include small farmers". *Proc Natl. Acad.Sci.USA* doi:10.1073/pnas.1003160108.
- Simmons, Phils (2002). "Overview of Smallholder Contract Farming in Developing Countries". ESA Working Paper No. 02-04.
- Shankar, Bhavani., Posri, Wilatsana., and Srivon, Teeradej. (2010). "A Case Study of a Contract Farming Chain Involving Supermarkets and Smallholders in Thailand", *Canadian Journal of Development Studies/Revue canadienne d'études du développement*, 31:1-2, 137-153.
- Sriboonchitta, S. and Wiboonpongse, A. (2008). "Overview of contract farming in Thailand: Lessons learned". Asian Development Bank Discussion Paper No. 112 Tokyo : Asian Development Bank Institute.
- Dauvergne, Peter & Neville J., Kate (2010). "Forests, food, and fuel in the tropics: the uneven social and ecological consequences of the emerging political economy of biofuels". *The Journal of Peasant Studies* Vol. 37, No. 4, October 2010, 631–660.
- Allan, J.A., Tony (2003). "Virtual Water - the Water, Food, and Trade Nexus: Useful Concept or Misleading Metaphor?". IWRA, *Water International*, Volume 28, Number 1, March 2003.

Part 5: Rural development: concepts and dynamics in Thailand

Eicher and Staaz, Chapter 5 and 17

Siamwalla, Chapter 2

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

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

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.

Walker, Andrew (2012). "Thailand's Political Peasants: Power in the Modern Rural Economy". *New Perspectives in SE Asian Studies Series*. University of Wisconsin Press; 1 edition. Chapter 1.

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

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

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

Keyes, Charles (2010). "From Peasant to Cosmopolitan Villagers: Refiguring the 'Rural' in Northeastern Thailand". Original paper. Presented at Faculty of Sociology and Anthropology, Thammasat University. 15 November 2010.

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.

Part 6: Quantitative analysis of farmers, poverty, and rural migration

HAE Vol.1A, Chapter 9

HAE Vol.4, Chapter 67

Balisacan, Arsenio M. and Fuwa, Nobuhiko (2007). "Poverty and Vulnerability". In Balisacan, Arsenio M. and Fuwa, Nobuhiko. (edited) (2007). "Reasserting the Rural Development Agenda: lessons learned and emerging challenges in Asia". Institute of Southeast Asian Studies, Singapore, and Southeast Asian Regional Centre for Graduate Study and Research in Agriculture.

de Haas, Hein (2007). "Migration and Development: A Theoretical Perspective", Bielefeld: COMCAD, 2007.

Delgado, Christopher L. and Siamwalla, Ammar (1997). "Rural economy and farm income diversification in developing countries," MTID discussion papers 20, International Food Policy Research Institute (IFPRI).

Part 7: Rural development initiatives

• Microfinance

Eicher and Staaz, Chapter 24, 25

HAE Vol.1A, Chapter 10

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.

Puntasen, Apichai., Piumphongsan, Preecha., Boonyarattanasoontorn, Jaturong., Sodarak, Jarupa., and Pruthiarenun, Jarupa. (2001). "A System of Local Exchange: A Case Study of Thailand". In, Chaiyuth Punyasavatsut (edited) (2001). "60th Anniversary, Mr. Apichai Puntasen" (Thai title: "๖๐ ปี นายอภิชาติ พันธเสน").

- **Community-based resource management**

HAE Vol.2A, Chapter 24

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.

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.

- **Sustainable agriculture movement**

Eicher and Staaz, Chapter 26

Amekawa, Yuichiro. (2010). "Rethinking Sustainable Agriculture in Thailand: A Governance Perspective". *Journal of Sustainable Agriculture*, 34 (4), 389-416.

Ribaudo , Marc & Greene, Catherine & Hansen, LeRoy & Hellerstein, Daniel (2010). "Ecosystem services from agriculture: Steps for expanding markets". *Ecological Economics* 69, (2010) 2085–2092.

- **Innovative agriculture movement**

Siamwalla, Chapter 2

HAE Vol.3, Chapter 48

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.

Part 8: Rural governance, decentralization, and politics

Bowles, Samuel and Gintis, Herbert (2002). "Social Capital and Community Governance". *Economic Journal* 112(483), pp. 419-436.

Bowie, A. Katherine (2008). "Vote Buying and Village Outrage in an Election in Northern Thailand: Recent Legal Reforms in Historical Context". *The Journal of Asian Studies* Vol. 67, No. 2 (May) 2008: 469–511.

Walker, Andrew (2008). "The Rural Constitution and the Everyday Politics of Elections in Northern Thailand". *Journal of Contemporary Asia* 38, 1 (February 2008), pp. 84-105.

Dufhues, Thomas., Theesfeld, Insa., Buchenrieder, Gertrud., and Munkung, Nuchanata. (2011). "The political economy of decentralization in Thailand - Does decentralization allow for peasant

participation?”. Paper prepared for presentation at the EAAE 2011 Congress Change and Uncertainty Challenges for Agriculture, Food and Natural Resources.

Nagai, Fumio & Mektrairat, Nakharin & Funatsu, Tsuruyo (ed.) (2008). “Local Government in Thailand—Analysis of the Local Administrative Organization Survey”. Joint Research Program series No.147. Institute of Developing Economies, Japan External Trade Organization (IDE-JETRO). Retrieved from <http://www.ide.go.jp/English/Publish/Download/Jrp/147.html>.

Phongpaichit, Pasuk. and Baker, Christopher John. (2005). ““Business Populism” in Thailand”. *Journal of Democracy*, Volume 16, Number 2, April 2005, pp. 58-72.

Thabchumpon, Naruemon & Mccargo, Duncan (2011). “Urbanized Villagers in the 2010 Thai Redshirt Protests: Not Just Poor Farmers?”. *Asian Survey*, Vol. 51, Number 6, pp. 993–1018.

Tejapira, Kasian (2006). “Toppling Thaksin”. *New Left Review* 39, May-June 2006.

Mcway, Ruth Thomas (Editor) (2001). “Money & Power in Provincial Thailand”. University of Hawaii Press

Part 9: 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.



Recommended Movies:

“Food Inc.” (2008), by Robert Kenner.

“Our daily bread” (2005), by Nikolaus Geyrhalter.



Recommended Facebook Pages:

“Thailand Agri-food Outlook”

“International Food Policy Research Institute (IFPRI)”

“Biothai”

“Food4change”

“Acfs” (The National Bureau of Agricultural Commodity and Food Standards: ACFS)

“AFET” (The Agricultural Futures Exchange of Thailand)
