



# B.E. International Program

## Faculty of Economics, Thammasat University



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### Course Syllabus

## EE 390 Economics of Agricultural and Rural Development

Semester 2/2012 (January 7-April 28, 2013)

**Number of credits:** 3 credits

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

**Hours:** Tuesday and Thursday, 09.30-11.00 AM (Section 046401)

**Classroom:** Room#204 Faculty of Economics,  
Thammasat University Tha Prachan Campus

**Instructor:** Nondh Nuchmorn

Email [nondh@econ.tu.ac.th], Facebook [Nondh Econ TU]

Office: Room#17 (60<sup>th</sup> anniversary building)

Office hour: Tue, Thu 13.00-16.00

**Moodle enrolment key:** '3591'

### 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
Poster presentation	15 points
Group project	15 points
Article summary	5 points
Excursion essay	5 points

### Poster presentation (15 points)

Each student produces an academic poster with any topic upon the student's interest but within the scope of this course. It is recommended that the poster should mention some debating issues and its title should be stated as a question sentence to challenge the audiences' thought. Some examples are;

- Doornbosch, Richard and steenblik, Ronald (2008). **Biofuels: Is the cure worse than the disease?**. *Revista Virtual REDESMA*, July 2008, vol.2, no.2, p.63-100. ISSN 1995-1078.
- Phillips, Peter and Grant Isaac. (1998). **GMO labeling: Threat or opportunity?**. *AgBioForum*, 1(1), 25-30.
- Buch-Hansen, M. (2001). **Is sustainable agriculture in Thailand feasible?**. *Journal of Sustainable Agriculture*, (2-3).

However, the contents should be designed and researched by the student's own, not just being copied from an original paper. The evaluation criteria are given by the contents' creativeness, student's analytical skills, and the audience's friendliness of the poster. The verbal presentation would be held on the last two weeks of the course and take around 10 minutes each.

### **Group project (15 points)**

The students form two teams with two different projects:

- **Project 1:** “Rice pledging policy in Thailand: pros and cons”
  - Collecting some information and data of this policy and underlying conflicting thoughts.
- **Project 2:** “Rural migrants in Bangkok”
  - Making in-depth interviews with some rural migrants in Bangkok from different occupations, explains their backgrounds and current living conditions, analyzes their motivations and expectation from migrations, problems and policy recommendations.

Design a free-formed creative (and cost-effective) 15-minutes presentation.

### **Article summary (5 points)**

Each student selects one article from the assigned reading list (those with the symbol “👍”) and gives a 10-minutes presentation summarizing the main ideas and providing some critical comments or recommendations regarding issues.

### **Excursion essay (5 points)**

It is impossible to understand the complexity of agriculture only sitting in the classroom. A field trip would be organized. Students are expected to give one short essay (not more one-two pages) on what inspires or questioned them during the field visits.

## Study plan

Date	Topic	Remark
Tue, 8 <sup>th</sup> Jan	Overview	
Thu, 10 <sup>th</sup> Jan	Agricultural world and economy	
Tue, 15 <sup>th</sup> Jan	Economic models of farm households	
Thu, 17 <sup>th</sup> Jan	(cont.)	
Tue, 22 <sup>nd</sup> Jan	Dynamics of global agricultural development	
Thu, 24 <sup>th</sup> Jan	(cont.)	
Tue, 29 <sup>th</sup> Jan	Dynamics of Thai agricultural development	
Thu, 31 <sup>st</sup> Jan	(cont.)	
Tue, 5 <sup>th</sup> Feb	Public policy and agricultural development	
Thu, 7 <sup>th</sup> Feb	(cont.)	Group project I
Tue, 12 <sup>th</sup> Feb	Food industrialization, agri-businesses, and modern trades	
Thu, 14 <sup>th</sup> Feb	Market governance and contract farming	
Tue, 19 <sup>th</sup> Feb	International trade and agricultural development	Guest speaker
Thu, 21 <sup>st</sup> Feb	(cont.)	
<b>Mid-term Exam (February 28, 2013; 09.30-11.00 AM)</b>		
Tue, 5 <sup>th</sup> Mar	Food crisis	
Thu, 7 <sup>th</sup> Mar	Paradigm shifts in development and sustainable development	
Tue, 12 <sup>th</sup> Mar	Alternative agricultural development	
Thu, 14 <sup>th</sup> Mar	Rural credit system & microfinance	
Tue, 19 <sup>th</sup> Mar	Community-based resource management	
Thu, 21 <sup>st</sup> Mar	Agricultural land system and reforms	
Tue, 26 <sup>th</sup> Mar	Farmers, poverty, and rural migration	Group project II
Thu, 28 <sup>th</sup> Mar	Rural governance and politics	
Tue, 2 <sup>nd</sup> Apr	Frameworks for community analysis <ul style="list-style-type: none"> <li>• Institutional analysis and development Framework</li> <li>• Sustainable livelihoods Framework</li> <li>• Community economic analysis</li> </ul>	
Thu, 4 <sup>th</sup> Apr	(cont.)	
Tue, 9 <sup>th</sup> Apr	How to work with the community?	Guest speaker
Thu, 11 <sup>th</sup> Apr	Poster presentation (1)	
Tue, 23 <sup>rd</sup> Apr	Poster presentation (2)	
Thu, 25 <sup>th</sup> Apr	Wrap-up and review	
<b>Final Exam (May 3, 2013; 09.00-12.00 AM)</b>		

## Reading list

### Major Reading:

“Handbooks of Agricultural Economics” Volume 1-4. North-holland.

Eicher, Carl K. and Staatz, John M. (edited). (1998). “International agricultural development, Third Edition”. Baltimore (Md.) : Johns Hopkins university press, 1998.

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

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

### Listed by topic:

#### 1. Agricultural world and economy

Eicher and Staaz, Chapter 7

Standage, Tom (2009). “An Edible History of Humanity”. Walker Publishing Company, Inc., New York.

Southgate, D., D. Graham, and L. Tweeten (2007). “The World Food Economy”. Malden: Blackwell Publishing.

OECD and FAO (2008). “OECD-FAO Agricultural Outlook 2008-2017”.

FAO (2012). “The state of food and agriculture: investing in agriculture for a better future”.

World Bank (2008). “Agriculture for Development”. World Bank Development Report 2008.

#### 2. Economic models of farm households

Eicher and Staaz, Chapter 18

Forget, Evelyn L. (1995) “The Peasant Proprietor in Classical Economics”. in Lobdell, Richard A & Forget, Evelyn L., 1956- (1995). *The peasant in economic thought : a perfect republic*. Edward Elgar, Aldershot, UK ; Brookfield, US.

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

J. P. Platteau (1994). "Behind the Market Stage Where Real Society Exist. Part 1: The Role of Public and Private Order Institutions". *Journal of Development Studies*, 30, pp.533-73; "Part II: The Role of Moral Norms," *ibid.*, pp.753-817.

### 3. Dynamics of global agricultural development

Eicher and Staaz, Chapter 1, 8, 9, 10, 28

HAE, Chapter 28 Vol.2A

HAE, Chapter 55 Vol.3

Tsakok.

Swinnen, Johan F.M. & Rozelle, Scott (2006) "From Marx and Mao to the Market: The Economics and Politics of Agricultural Transition," OUP Catalogue, Oxford University Press. (page 123-186)

Norton, Gorge W. and Alwang, Jeffrey (1993) "Introduction to Economics of Agricultural Development". New York: McGraw Hill. (page 169-189).

### 4. Dynamics of Thai agricultural development

👍 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.

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.

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

Siamwalla, Ammar., Sethboonsang, Suthad., and Werakarnjanapongs, Prasong. (1991). "Changing comparative advantage in Thai agriculture". OECD, Working paper number 35. OECD Development Centre.

Coxhead, Ian and Plangprapha, Jiraporn (1999) "Thailand's Economic Boom and Bust, and the Fate of Agriculture". *TDR Quarterly Review*. Vol. 13 No. 2 June 1998, pp. 15-24.

Nidhiprabha, B. (2005) "Dynamism of the Thai Agriculture". *East Asian Economic Perspectives*, Vol. 12, No. 2, August.

Warr, Peter G. (2000) "Is growth good for the poor? Thailand's boom and bust", *International Journal of Social Economics*, Vol. 27 Iss: 7/8/9/10, pp.862 – 877.

👍 Warr, Peter G. (2007) "Trade policy and the structure of incentives in Thai agriculture". *ASEAN Economic Bulletin*, 25(3), 249-70.

Dixon, C.J. (1999) *The Thai economy: Uneven development and internationalization* Routledge.

👍 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.

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

## 5. Public policy and agricultural development

Eicher and Staaz, Chapter 11, 13

HAE, Chapter 36 Vol.2B

Siamwalla, Chapter 2, 6, 8

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.

Poapongsakorn, Nipon (2010). “The political economy of Thai rice price and export policies in 2007 – 2008”. in *The rice crisis : markets, policies and food security*. - London [u.a.] : Earthscan [u.a.], ISBN 978-1-8497-1134-0. - 2010, p. 191-217.

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 นายอภิชาัย พันธเสน”).

Forsell, Sara. (2008). “Rice Price Policy in Thailand- Policy Making and Recent Developments”. Masters’ Thesis. Department of Economics at the University of Lund 2009:3. Minor Field Study Series No. 189.

## 6. Food industrialization, agri-businesses, and modern trades

👍 Reardon, Thomas (2011). “The global rise and impact of supermarkets: an international perspective”. Crawford Fund--Conference Proceedings--2011: The Supermarket Revolution in Food: Good, Bad or Ugly for the World's Farmers, Consumers and Retailers?, 14-16 August 2011.

👍 Lovell, Richard D. (2011). “From farm to fork: logistics, transport, infrastructure”. Crawford Fund--Conference Proceedings--2011: The Supermarket Revolution in Food: Good, Bad or Ugly for the World's Farmers, Consumers and Retailers?, 14-16 August 2011.

Shaffer, Harwood D., Koonathamdee, Pracha., and Ray, Daryll, E. (2008). "Economics of Industrial Farm Animal Production." A report of the. *Pew Commission on Industrial Farm Animal Production*.

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.

👍 Goss, Jasper, Burch, David and Rickson, Roy E., (2000). "Agri-Food Restructuring and Third World Transnationals: Thailand, the CP Group and the Global Shrimp Industry". *World Development*, Vol. 28, No. 3, March 2000.

## **7. Market governance and contract farming**

Williamson, Oliver (1991). "Comparative Economic Organization: The Analysis of Discrete Structural Alternatives", *Administrative Science Quarterly*, Vol. 36, No. 2. pp. 269-296.

Wu, S. Y. (2006). "Contract theory and agricultural policy analysis: a discussion and survey of recent developments". *Australian Journal of Agricultural and Resource Economics*, 50: 490–509.

Sykuta M.E. and Cook M.L. (2001) "A New Institutional Economics Approach to Contracts and Cooperatives". *American Journal of Agricultural Economics* 83:1273–79.

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

Simmons, Phils (2002). "Overview of Smallholder Contract Farming in Developing Countries". *ESA Working Paper No. 02-04*.

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*.

👍 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.

## **8. International trade and agricultural development**

Eicher and Staaaz, Chapter 12

HAE, Chapter 37 Vol.2B

Anderson, Kym., Rauser, Gordon., and Swinnen, Johan (2012). "Political Economy of Public Policies: Insights from Distortions to Agricultural and Food Markets," LICOS Discussion Papers 32312, LICOS - Centre for Institutions and Economic Performance, KU Leuven.

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

👍 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.

## **9. Food crisis**

Eicher and Staaaz, Chapter 15

Headey, Derek. and Fan, Shenggen. (2008). "Anatomy of a crisis: the causes and consequences of surging food prices," Agricultural Economics, International Association of Agricultural Economists, vol. 39(s1), pages 375-391, November.

ITUC (2009). "A recipe for hunger: How the world is failing on food". Brussels: International Trade Union Confederation.

International Food Policy Research Institute (IFPRI) (2007). "Responding to the Global Food Crisis - Three perspectives". IFPRI 2007-2008 Annual Report Essay.

## **10. Paradigm shifts in development and sustainable development**

HAE, Chapter 31 Vol.2A

Eicher and Staaaz, Chapter 5, 17

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 นายอภิชาต พันธุเสน").

Sneddon, Chris ., Howarth, Richard B., and Norgaard, Richard B. (2006). "Sustainable development in a post-Brundtland world". Ecological Economics, Elsevier, vol. 57(2), pages 253-268, May.

👍 Berr, Eric (GREThA), (2008). "Keynes and the Post Keynesians on Sustainable Development," Cahiers du GREThA 2008-01, Groupe de Recherche en Economie Théorique et Appliquée.

## **11. Alternative agricultural development**

HAE, Chapter 25 Vol.2A

Lipper, L. and Neves, B. (2011). "Payments for environmental services: what role in sustainable agricultural development?". ESA Working paper No. 11-20 December 2011 Agricultural Development Economics Division, Food and Agriculture Organization of the United Nations.

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

Buch-Hansen, M. (2001). "Is sustainable agriculture in Thailand feasible?". *Journal of Sustainable Agriculture*, (2-3).

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

## **12. Rural credit system & microfinance**

Eicher and Staaz, Chapter 23, 24

HAE, Chapter 56 Vol.3

Roodman, David. and Qureshi, Uzma. (2006). "Microfinance as Business," Working Papers 101, Center for Global Development.

Gine, Xavier., Jakiela, Pamela., Karlan, Dean., and Morduch, Jonathan. (2010). "Microfinance Games," *American Economic Journal: Applied Economics*, American Economic Association, vol. 2(3), pages 60-95, July.

Siamwalla, Ammar., Pinthong, Chirmsak., Poapongsakorn, Nipon., Satsanguan, Ploenpoit., Nettayarak, Prayong., Mingmaneeakin, Wanrak., and Tubpan, Yuavares. (1990). "The Thai Rural Credit System: Public Subsidies, Private Information, and Segmented Markets". *The World Bank Economic Review*, Vol. 4, No. 3, A Symposium Issue on Imperfect Information and Rural Credit Markets (Sep., 1990), pp. 271-295.

👍 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 นายอภิชาต พิณฑเสนา").

### **13. Community-based resource management**

HAE, Chapter 24 Vol.2A

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.

👍 Walker, A. (2003), "Agricultural transformation and the politics of hydrology in northern Thailand", *Development and Change*, 34 (5), 941–64.

### **14. Agricultural land system and reforms**

HAE, Chapter 6 Vol.1A

Galiani, S., and Schargrodsky, E. (2010). "Resource Allocation, Transaction Costs and Land Property Rights".

### **15. Farmers, poverty, and rural migration**

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).

👍 Rigg, Jonathan., and Nattapoolwat, Sakunee. (2001). "Embracing the Global in Thailand: Activism and Pragmatism in an Era of Deagrarianization," *World Development*, Elsevier, vol. 29(6), pages 945-960, June.

Fiszbein, Ariel., and Schady, Norbert. (2009) "Conditional Cash Transfers: Reducing Present and Future Poverty". A World Bank Policy Research Report.

## 16. Rural politics & governance

Siamwalla Ch.2

Baland J.-M., Moene K.-O. and Robinson J.A. (2009). "Governance and Development", in Rodrik D. and Rosenzweig M. (eds.) *Handbook of Development Economics*, Amsterdam: North Holland.

👍 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.

👍 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.

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

👍 Buch-Hansen, Mogen. (2003). "The Territorialisation of Rural Thailand between Localism, Nationalism and Globalism: Institutional Forces in a Theory of Local Development". *Tijdschrift voor Economische en Sociale Geografie*, Vol. 94, No. 3, 2003. Reprinted in: Nijenhuis, Broekhuis and van Westen (eds.): *Space and Place in Development Geography*. Dutch University Press 2005.

## 17. Frameworks for community analysis

Krantz, Lasse (2001). "The Sustainable Livelihood Approach to Poverty Reduction: An Introduction". Division for Policy and Socio-Economic Analysis. Swedish international development Cooperation agency.

Polski, M. M., & Ostrom, E. (1999). "An institutional framework for policy analysis and design". Retrieved from <http://mason.gmu.edu/~mpolski/documents/PolskiOstromIAD.pdf>

IFAD (2009). "Community-driven development decision tools for rural development programmes", IFAD, Rome.

## **18. How to work with the community?**

Nicholes, Paul. (1991). "Social Survey Methods: A Fieldguide for Development Workers, Oxford, UK: Oxfam GB.

Heim, Franz G. (1990). "How to work with farmers: a manual for field workers, based on the case of Thailand". Franz Gangolf Heim J. Margraf, Weikersheim .

### **Movies:**

"Food Inc." (2008), Robert Kenner.

"Our daily bread" (2005), Nikolaus Geyrhalter.

"Home" (2009), Yann Arthus-Bertrand.

### **Facebook:**

"Thailand Agri-food Outlook"

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