



# Potchanasin Chakrit

ASSISTANT PROFESSOR

## ABOUT ME

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หัวหน้าภาควิชาเศรษฐศาสตร์เกษตรและ  
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## EDUCATION

- 2004 – present Ph.D. candidate of the University of Hohenheim, Germany funded by Deutscher Akademischer Austauschdienst (German Academic Exchange Service: DAAD)
- 2001 M.S., Agricultural Economics, Kasetsart University, Thailand
- 1997 B.Sc., Agricultural Economics, Kasetsart University, Thailand

## EMPLOYMENT EXPERIENCE

2001 Lecturer, Department of Agricultural and Resource Economics Faculty of Economics Kasetsart University Bangkok, Thailand

## RESEARCH EXPERIENCE

**Apr 2005–present** Investigating through Simulation the Sustainability of Farming Systems in Mountainous Area of Northern Thailand

**Aug 2005–Dec 2006** Application of Multi-Agent Systems Simulation to Investigate the Sustainability of Farming Systems in Mountainous Area of Northern Thailand:A Case Study of Bor Krai Village, Pang Ma Pha District, Mae Hong Son Province

**Dec 2002–Dec 2003** A Financial Analysis of Persimmon Production in Thailand

## RESEARCH EXPERIENCE

- |                     |  |      |  |
|---------------------|--|------|--|
| Jan – Feb 2000      | Research Training at the Australian National University, Canberra, Australia for the Integrated Water Resource and Management Framework Project  | 2002 | Potchanasin, C. 2002. "Impact of Technological Change on Resource Utilization and Management in Highland Agriculture: A Case Study in Wat Chan Catchment, Changwat Chiang Mai" Proceeding on the 40th Kasetsart University Annual Conference, 4-7 February 2002. (in Thai)   |
| Dec 1998 – Jan 1999 | Socio-Economic survey for Thai-Australia collaborative project entitled Integrated Water Resource and Management Framework Project, Northern Thailand  | 2002 | Potchanasin, C. and P. Janekarnkij. 2002. "Impact of Technological Change on Resource Utilization and Management in Highland Agriculture: A Case Study in Wat Chan Catchment, Chiang Mai Province" Proceeding on the International Symposium "Sustaining Food Security and Managing Natural Resource in Southeast Asia-Challenges for the 21st Century-", Chiang Mai, Thailand, 8-11 January 2002. |
| Jul 1997-Apr 2001   | Research Assistant for Thai-Australia collaborative project entitled Integrated. Water Resource Assessment and Management Framework: A Case Study of the Upper Chao Phraya Headwater Northern Thailand | 2001 | Potchanasin, C. 2001. "Impact of Technological Change on Resource Utilization and Management in Highland Agriculture: A Case Study in Wat Chan Catchment, Changwat Chiang Mai". Master Thesis. Kasetsart University. (in Thai). A thesis granted by Southeast Asian Ministers of Education Organization Regional Center for Graduate Study and Research on Agriculture (SEARCA).                   |

## RESEARCH PAPER

- |      |   |      |  |
|------|---|------|--|
| 2006 | Potchanasin, C. 2006. Application of Multi-Agent Systems Simulation to Investigate the Sustainability of Farming Systems in Mountainous Area of Northern Thailand: A Case Study of Bor Krai Village, Pang Ma Pha District, Mae Hong Son Province. Department of Agricultural and Resource Economics, Faculty of Economics, Kasetsart University. (in Thai)  | 2000 | Prayoonwong, K. and C. Potchanasin. 2000. "Evaluating the Sustainability of Highland Agriculture: A Case Study of Wat Chan Catchment, Changwat Chiang Mai" Proceeding on the 38th Kasetsart University Annual Conference, 1-4 February 2000. (in Thai) |
| 2006 | Potchanasin, C., N. Becu, J. Zeddies, and S. Praneetvatakul. 2006. "Application of Multi-Agent Systems simulation for evaluating sustainability in mountainous area of Northern Thailand: The Case of Bor Krai village, Mae Hong Son province". Poster presentation in the International Symposium "Towards Sustainable Livelihoods and Ecosystems in Mountainous Regions", Chiang Mai, Thailand, 7-9 January 2002. |      |  |

## TEACHING EXPERIENCE

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- 2001-2005      Department of Agricultural and Resource Economics,  
Kasetsart University.
- Principles of Agricultural Marketing
  - Agricultural Product Price
  - Quantitative Analysis in Agricultural Economics I
  - Marketing and Pricing of Agricultural Inputs
  - Using Computer Program in Agricultural Economics Analysis

## FIELDF OF INTEREST

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- Economics of agricultural production
- Agent-based simulation for social science research
- Farming systems sustainability
- Marketing of agricultural inputs and product

