

**Session 3: Dr.Chanin Manopiniwes,**

**Presentation entitled: "Thailand: Making Transport More Energy-Efficient"**

**Biographic Data of Speaker**



**CHANIN MANOPINIWES, Ph.D.  
Infrastructure Economist  
The World Bank Bangkok, Thailand**

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**Education:**

Ph.D. 2005 Applied Economics and Management, Cornell University, Ithaca, NY  
Dissertation Title: "A Computable General Equilibrium (CGE) Model for Thailand with Financial and Environmental Linkages: The Analyses of Selected Policies"  
Committee: Prof. Jon M. Conrad (Chair), Prof. Erik Thorbecke, and Prof. Iwan J. Azis  
MSc. 2000 Policy Economics, University of Illinois at Urbana-Champaign, IL  
B.A. 1997 Faculty of Economics, International Program, Thammasat University, Thailand

**Area of Specialization:**

Computable General Equilibrium (CGE) Modeling, Macroeconomic, Environmental, Infrastructure, Transport, Energy and Public Policy Analysis  
Resource allocation and Decision-Making Analysis (Analytical Hierarchy Process – AHP)

**Research / Work Experience:**

March 2006 – Present: Infrastructure Economist, The World Bank Bangkok, Thailand

- Develop the Country Development Partnership for Infrastructure (CDP-INFRA) for Thailand, which has components on infrastructure strategy, renewable energy and energy efficiency development,

public-private partnership, urban transport policy directions, capacity building activities for National Telecom Commission, and a pilot demonstration project on rural water supply system with income generation feature.

- Conduct financial analysis for Bangkok Metropolitan Administration's (BMA) Bus Rapid Transit (BRT) plan.
- Conduct economic analysis in the mission to Pacific Island Countries on renewable energy development program.
- Support Carbon Finance team in financial, economic, and sector analyses for ethanol and biogas from wastewater projects.
- Successfully play a part in Japan Social Development Fund (JSDF) application, which was approved, to initiate a road safety project -- Youth Helmet Use Program.
- Provide overall support to World Bank missions to Thailand as well as the overall infrastructure program in Thailand, Lao PDR, and Cambodia.

July 2005 – November 2005: Consultant, Digital Associates, Bangkok, Thailand

- Designed the mechanism and formulate an analytical, multidimensional framework to be applied to the radio-airplay data collected by Digital Associates.
- Advised Digital Associates on data mining, especially from the sizable raw data, and on how to decipher such data for further uses and analyses (e.g. sales and industry's trend forecast, resource allocation optimization, and strategic planning).

January 2002 – May 2005: Research Assistant for Professor Iwan J. Azis in various projects:

- Used the EVIEWS program in running an Indonesian macro econometric model forecasting major macroeconomic variables (Cornell University).
- Researched on Financial Liberalization for China (ADB Institute, Japan).
- Assisted in various researches on Indonesia's macroeconomic analysis using CGE models and Structural Path Analysis (IFPRI; Cornell University; Gakushuin University, Japan).

### **Technical Skills:**

Productivity Software: Microsoft Windows XP, Microsoft Office Suite.

Internet: Webpage & HTML Editing, Macromedia Flash, FTP, Wired/Wireless Networking  
Economic & Statistical Software: GAMS, MATS, EVIEWS, SPSS, and Superdecisions (AHP)

**Publication:**

Azis, Iwan J., Chanin Manopiniwes, Wing Thye Woo, and Fan Zhai. (2006). "China's Urban-Rural Disparity Under Alternative Financial and Fiscal Policies." The ICFAI Journal of Applied Economics (May 2006).

**Teaching Experiences:**

July-August 2009): Instructor, Bank of Indonesia, Jakarta, Indonesia

- Train research staffs in a 3-week course on Constructing Financial CGE Model.
- Instructor (August – December 2008): BE International Program, Faculty of Economics, Thammasat University, Bangkok, Thailand.
- Taught an undergraduate course, Introduction to Economics of Infrastructure Development.
- Instructor (January – May 2007, 2008, and 2009): BE International Program, Faculty of Economics, Thammasat University, Bangkok, Thailand.
- Taught an undergraduate course, Calculus for Social Science I
- Instructor (June – July 2002 and 2003): BE International Program, Faculty of Economics, Thammasat University, Bangkok, Thailand.
- Taught an undergraduate course, Remedial Mathematics and Statistics for Economists.

January 2002 – December 2004: Teaching Assistant, Johnson Graduate School of Management, Cornell University, Ithaca, NY, USA

- On three Courses: NBA524 Macroeconomics and International Trade, NBA595 The Economics of Financial Crisis, and CRP609 Public Policy and Planning.
- Assisting the instructor in preparing class materials and maintaining the course WebPages.
- Providing support, designing and constructing educational CGE models for CRP609.

**Extracurricular Activities:**

1992 – 1993: Student President of US-Europe-Canada group, AFS (American Field Service) Exchange Program.

January – May 1996: Foreign Exchange Student to McGill University, Canada.

1999 – 2000: Treasurer of Thai Student Association (TSA), University of Illinois at Urbana-Champaign.