

Kanchalee Suebsai 2013: The Relationship of Technology, Population, Human Capital and Their Effects on Economic Growth of Thailand. Master of Economics, Major Field: Economics, Department of Economics. Thesis Advisor: Assistant Professor Sumalee Santipolavut, Ph.D. 103 pages.

The objectives of this research are, first, to study the relationship between technology and population, the relationship between technology and human capital; and second, to analyze the factors that affect the economic growth of Thailand with the emphasis on both endogenous and exogenous technology based on secondary data during period 1990 - 2010.

The results obtained from Granger Causality test revealed that population is the cause of endogenous and exogenous technology, while human capital is both its cause and effect. Furthermore, the analysis of the factors determining the economic growth indicated that endogenous technology has positively influenced effect on economic growth more than that of the exogenous.

The findings from this study lead to recommendations as follows: government and concerned authorities should put more emphasis on education policy, the body of knowledge construction, technology development and its application. For endogenous technology such as provision of training for workers and incentives for entrepreneurs, as well as, exogenous technology through promotion of foreign direct investment should be encouraged to generate positive effects on economic growth.

---

Student's signature

---

Thesis Advisor's signature