

NAME AND SURNAME: SULTAN SALUR

**TITLE: THE RELATIONSHIP BETWEEN THE PARAMETERS OF
THE INFORMATION SOCIETY AND ECONOMIC
GROWTH (PANEL ANALYSIS)**

ABSTRACT

There are significant improvements in economic and technological fields in recent years. These developments are explained by the knowledge economy. Advances in information and communication technologies has become the main determinants of the level of development of societies. Increasing importance of information and communication technologies made it necessary to revise many of the concept in micro- and macro-level. For this purpose, the KAM Methodology of World Bank (The Knowledge Assessment Methodology) was developed.

In the literature, there are various studies for the knowledge economy and it has been concluded that the new economy has a significant impact on the economies of the countries. The purpose of this study, comparing the knowledge economy with other economic systems, is to explain the basic determinants of the knowledge economy. In addition, it is aimed to identify the parameters of the infrastructure of the information society in Turkey in order to investigate the relationship between economic growth with these parameters and to provide policy recommendations in the light of findings.

In this study, the place of Turkey in knowledge economy was determined by the KAM Methodology. In the first model, panal analysis was carried out with data for the group of 22 countries of the Europe and Central Asia including Turkey, according to the classification of KAM Methodology, for the period 2000-2007. In the second model, panel data analysis was performed for the period 2000-2008 for 12 countries in upper-middle-income group including Turkey, the according to the classification of KAM Methodology. As a result, it is pointed out that there is a relationship between the parameters of the infrastructure of the information society and economic growth.

KEY WORDS

Knowledge Economy, the KAM Methodology, Education, Technology, Internet, R&D.