



Theoretical Approaches

Empirical Approaches

Local, Regional and
Global Quality of Life

Sustainable Development
and Quality of Life

Freedom and
Quality of Life

Quality and
Quality of Life

Impact of development
science and technology
on quality of life

Methodology of
Quality of Life
and Happiness

Management of
sustainable
development

Current Issues

Perspectives of
Quality of Life





1. International Conference on Quality of Life



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IMPACT OF ICT ON QUALITY OF LIFE

Abstract: Information and communication Technologies (ICT) change human behavior in all aspects, starting from digital economy, health and education services, traveling, working life, personal and group communication, etc. On this way, ICT has impact on happiness and well-being on individual and macro level, sustainable development and mutual impact of all previous entities on quality of life.

In this paper, basic informations and models for digital society happiness, well-being, sustainable development, and quality of life have been presented. Based on this, models of impacts and certain results of investigation about impact of ICT on happiness are presented. At the end, gained conclusions, with the temporal meaning because there is not significant and reliable information for transition economies with different value systems, are presented.

Keywords: ICT, modeling, happiness, well-being, quality of life, sustainability

1. INTRODUCTION

A fast development and introduction of Infrastructural and Communication Technologies (ICT) changes our World in each domain and has impact on our quality of life. According a purpose of ICT a lot of activities supported by ITC becomes faster, higher, availability of data, easier, flexible and so on. On other side, ICT has possible negative effects regarding privacy, big data analysis, reliability and timeless of data and so on.

All of it as high and with development of ICT faster and stronger effects on quality of life (QoL). The question is what optimal solution of ICT from aspect of QoL may be. It is challenge for authors of the paper.

The goal of the research presented in the paper was to model impact of ICT on QoL and sustainable development. For this was necessary to analyze characteristics of digital society, from aspects of impact of ICT and it's possible well-being, social capital, and QoL. It is presented in chapter two of the paper. In the third chapter impact of ICT on well-being according to presented references and different models has been analyzed. In next chapter impact of ICT on QoL is analysed and presented the new model of QoL in function of ICT with introducing Quality of Working Life (QWL). In fourth chapter a part of results related to impact of ICT on sustainable

development has been presented, by using recommendations of World Economic Forum. On this way, that pillar related to Digital Agenda for Poland is smaller than in other countries in Europ, what implies that ICT is reservoir for improvement of QoL, well-being, sustainability and quality of working life.

2. CARRACTERISTICS OF DIGITAL SOCIETY

At the end of the twentieth century society has been under different pressures. One of its is deeper and higher involvement of ICT (Information and Communication Technologies) in all processes in society. On this way people recognized terms of Informations Age, Information Society, Digital Society, Digital Economy, e-Society and so on. If we wish to emphasize a broader aspect we express it through term digital societiz or global willige.

Acrtual role of ICT is eliminating the barriers of time, space and distance through profiliation of high-speed communication networks among all entities in each society.

It is supported by globaliyation request and high annual growth of ICT performances. On this way ICT has impact on structre, authority, power, job content and personal issues.

In a huge reference in this area for purpose of the paper are interested works of [1-3],

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