

## EZGI HAZAL SANLI

*independent scholar*

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### EDUCATION

B.A. in Economics, Ankara University, Turkey

2020

### RESEARCH INTERESTS

The Economics of Digitization, Blockchain Technologies and Cryptocurrencies

### WORKING PAPERS

“How to Establish a Centralized Control in a Decentralized Blockchain System”, 2019

**Abstract:** Blockchain technology, which is becoming increasingly widespread in today's world with the effect of liberating information, and the crypto money market, which is the financial side of this system, have gained a good momentum. In addition to individuals who recognize and use the system, the number of states that formally recognize this system and establish national regulations for the system is increasing. Social and political events affecting the current market such as wars, crises, immigration, economic effects of the political policies of states change the balance of power in the market. Recently, there has been a trend from national currencies granted by central banks to precious metals such as gold and virtual currencies. This update on the current market is increasing the tendency to the cryptocurrency market, and states that are aware of this have started to make large-scale regulations. After all these regulations are established, can states create an international currency that is valid worldwide and whose rules they determine themselves? Is such a transformation possible within the internal dynamics of the system? such questions will be discussed.

“Crypto Currencies as International Monetary Systems”, 2019

**Abstract:** Blockchain is a data recording and sharing system that enables financial transactions to be performed "peer to peer" without a third party, that the transactions and personal information are protected by encrypting and creates a virtual market environment where there is no public control. Bitcoin and Blockchain data recording system was mentioned for the first time and Blockchain data network activities started in 2009 in the article published by Satoshi Nakamoto after the 2008 crisis. Among all other cryptocurrencies built within the blockchain technology, Bitcoin has become the most popular virtual currency due to being the first cryptocurrency. With the widespread use of Bitcoin around the world, different opinions have emerged about the use of Bitcoin. Governments have followed different policies regarding the legalization of this virtual market. It is an important point that governments can provide the control of this system that allows the transfer of "value" between two parties. The absence of regulations that would constitute an audit mechanism makes it possible for terrorist financing, money laundering and other

illegal activities to freely pass through the system. The decentralized structure of the system will make it difficult to identify those responsible for such illegal transactions.

#### COURSE / CERTIFICATE INFORMATION

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Machine Learning Days Study Jam, Deep Learning Turkey – Developer Student Clubs – Global AI Hub	19 May-28 August 2020
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Blockchain School Online Fundamental Blockchain Literacy Training, Habitat Association	May 2020
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Introduction Program, Turkish Republic Ministry of Commerce	February 2020
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Education Seminar, Capital Markets Board (SPK)	January 2020
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Law Internship - (Competition Law), Competition Authority	January 2020
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Design Thinking for Blockchains Workshop w/Patara Labs, Blockchain Turkey	December 2019
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Congress of Association of Capital Market of Turkey, Istanbul	November 2019
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Bank Presentation Program, The Central Bank of The Turkish Republic (TCMB)	September 2019
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#### PROJECTS

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Factors that are affecting quality of education (via R Studio) -2019

#### COMPUTER KNOWLEDGE

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R, Python

#### MEMBERSHIPS

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R Ladies Ankara, Mulkiye Economy Society (SBFECON), PyLadies Ankara