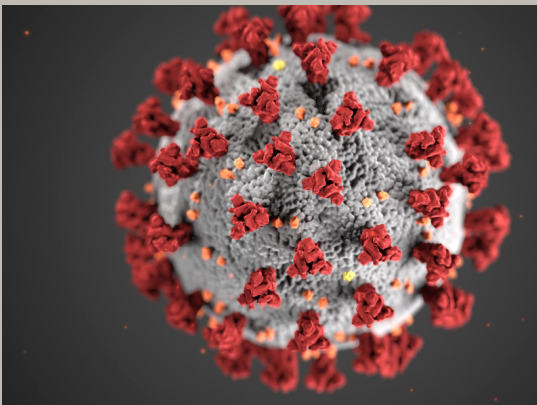




RESEARCH NEWSLETTER

OFFICE OF THE PROVOST - RESEARCH ADMINISTRATION
QUARTERLY EDITION

December 29, 2021 | Issue 33



IN THIS ISSUE

- Summary for the COVID-19 project 2
- The Relationship People 4
- Powering the uplands 5
- Sustainability and Environmental Challenges in the Caspian Sea 6
- Sustainability Challenges of Urban Water Supply and Wastewater Systems and Services 7
- Dr. Maxat Kassen published an article .. 8
- Political Economy of Education Research Network updates 9
- Gender Consortium of Scholars 14
- Graduate School of Business News 20
- The Best Technology Award 22
- Dr. Yagiz joined the ISRM 23
- Engineering Education Research 24
- Findings by Dr. Valagiannopoulos 25
- World Bank Grant for Commercialization of Medical Robots 26
- Dr. Kalendar shares his research 28
- Research Performance via SciVal..... 30
- Funding Opportunities 31
- New publications 32

Dr. Maxat Kassen published an article in a prestigious international impact factor journal



Dr. Maxat Kassen, Assistant Professor of the Graduate School of Public Policy at Nazarbayev University, has recently published an article in a famous international peer-reviewed research journal: *Information Systems* (Impact Factor: 2.309. Scopus CiteScore: 7.3). The article titled “Blockchain and e-government innovation: Automation of public information processes” studies the emergence of blockchain-driven innovations in e-government systems. This phenomenon affects various aspects of human life. Public sector reforms are also influenced by this trend. E-government leaders around the world are tentatively beginning to grasp the potential of blockchain and other distributed ledger technologies, especially with regard to their promise to provide more decentralized information management solutions

in e-government and make public digital platforms more transparent and efficient. Software developers around the world have come up with a range of digital solutions to accelerate these reforms. Given the multidimensional nature of e-government, it is interesting to understand in which areas blockchain has the potential to promote innovations, what processes and procedures can be automated using blockchain technology, and what illustrative examples of government efficiency can be observed in this area.

The full article can be read by the following academic reference:

Kassen, M. (2022). Blockchain and e-government innovation: Automation of public information processes. *Information Systems*, 103, 101862. <https://doi.org/10.1016/j.is.2021.101862>