

Human and Technological Progress Towards the Socio-Economic Paradigm of the Future, Part 3

This book determines the specific features of socio-economic transformations of various spheres of the national economy with a focus on the financial system. It considers the development of industrial holdings in the electric energy sphere and also studies the influence of technology on fish farming in modern Russia. The global factors of using digital technologies at the municipal level during creation of "green" and "smart" cities are analyzed. The perspectives of development of tourism in the digital economy from the positions of supply and demand and are determined. The specifics of development of agricultural production in the age of digital transformations by the example of modern Russia are outlined, and "smart" agricultural platform, which allows for multiple increase of the agro-industrial complex's efficiency, is developed. New possibilities and need in reformation of the international monetary system in the conditions of the Fourth industrial revolution are determined. The problems and perspectives of development of Eurasian stock markets in the modern economic conditions under the influence of wide distribution of digital technologies are systematized. Specific features of the evolution of the forms of money – from gold to crypto currencies are – are distinguished. Specific features of benchmarking of depreciation of currencies (inflation) under the influence of globalization and regionalization of the international monetary system are determined. The authors present a concept of the banking system of the future in the conditions of macro-economic instability, which stimulates financial crisis management of the national economy, and determine the role of banks in aggregation and redistribution of monetary resources in economy in the context of digital transformations. Also, attention is paid to social consequences of digital modernization of the financial system – transformation of human's social life in the age of innovative banking is shown. Effectiveness of online banking, as a new form of payments that is popular in the digital economy, is analyzed. The authors formulate competencies that employees of banks of the future, which will function in the digital economy, should have and study the perspectives of digitization of the practice of tax administration based on technological processing and analytics of Big Data by the example of experience of modern Russia, as well as related transformation processes in the existing practice of the tax system organization. A concept of organization and management of the national tax system in the conditions of robotization of production and consumption is developed, and the role of blockchain technologies in improvement of the modern Russian tax system is determined. The investment platform for the modern digital economy is offered. As a result, the scientific paradigm of formation of the digital financial system in the conditions of Industry 4.0 is formed.

This book series presents new achievements in the scientific thought of the 21st century in the spheres of management, economics, and law, aimed at enhancing the potential of the global economic system's development in modern economic conditions and providing solutions to the complex problems it faces. The books in this series will have a wide international outlook with a focus on both macro and micro issues, placing emphasis on a wide range of global, regional and national threats and opportunities for economic sectors and systems. By unifying the scholarly efforts of academics from adjacent spheres of socio-humanitarian sciences (management, economics, and law), the series will allow for coverage of a plethora of organizational and managerial, financial and economic, and normative and legal issues and present multi-disciplinary approaches and original solutions to the pressing problems of modern economic theory and practice. Series editors Elena G. Popkova is a Professor at the Institute of Scientific Communications, Volgograd, Russia where she teaches courses in economic development, world economy and international economic relationships. She is a very active researcher with 93 publications listed in Scopus and is a member of the editorial boards of 3 different journals and has been guest editor of 4 journal publications. She is an active participant in leading international forums and conferences. Artem Krivtsov is a Professor at Samara State University of Economics, Samara, Russia. He is the author of

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