



Dear Readers, Authors, Reviewers of Journal ACCESS!

This is the first issue of the journal "*ACCESS: Access to science, business, innovation in digital economy*" for the calendar year 2022 and the 6th Issue of the journal!

On behalf of the Editorial Board and the Scientific Council of the journal, we wish you a healthy, peaceful, controversial and creative year 2022!

The New Year is a time for looking back and for looking forward.

In modern conditions of coronavirus pandemic, instability, systematic crises and significant turbulence, the modern world is experiencing global transformations.

Today, humanity has realized the threat posed by natural disasters, natural and man-made disasters, conflicts in society, wars and the like.

Covid-19, as every crisis, not only creates difficulties and discomfort, but also opens up new opportunities, the new situation provokes a number of questions for scientific discussion, which the journal undertakes to offer to the public attention.

A deep systemic crisis in which the world community in general and the countries of the former Soviet Union (CIS) in particular are forcing to rethink many strategies, approaches, methodologies, plans and hopes. This is a turning point, a moment of truth, a turn to look back and look to the future.

In the current century, only those countries that have embarked on an innovative path of development and build a knowledge-based economy are developing steadily. The experience of leading countries, the first to embark on this path and form a post-industrial society today, shows the need for scientific study of a set of practical problems, deep understanding of processes in socio-economic systems, formulating a precise and clear goal, political decision-making and consistent implementation. Innovation development mechanisms developed by leading countries have been adapted and successfully used in many developing countries. They are used to ensure the transition from the resource and investment stages of technological development to the stage based on innovative technologies. But in none of these countries has there been a direct transfer of world experience in translating the economy to an innovative path of development. Each time the social and economic features, resource, territorial, labor, intellectual potential and competitive advantages of the country were taken into account.

The application of innovative, synergetic, cybernetic and mathematical methods and models in economics to analyze the processes of risk, security, crisis and catastrophe, as well as the development of methodology, methods and models of decision management in economic, environmental and social systems is relevant. At the same time, innovative development is the main way out of the crisis.

The integral goal and main idea of this journal is to be a place for discussions and sharing information, create a general concept, principles, methodologies, methods, models and information technologies and management decision-making systems under conditions of uncertainty, risk, danger, instability and crisis for sustainable and viable economic systems, projects of ecological economy.

The potential of modern science must be used to prevent natural disasters, catastrophes, conflicts, wars and other emergencies. It is necessary to create an international approach to the problem, which can be called risk theory, on the basis of which risk management is possible. There is an urgent need in the world today to anticipate emergencies and mitigate their consequences. The task is to create a new paradigm in the field of hazard or risk management, and to build a mathematical theory of safety and risk based on nonlinear dynamics and computer modeling. On the basis of systems analysis and nonlinear dynamics, patterns of catastrophic behavior of most complex systems in the field of technosphere, economy and the like can be identified.

New technologies are interdisciplinary. They require, on the one hand, knowledge of man and are based, of course, on knowledge of man. On the other hand, they represent a specific forecast and design methods, which implies a quantitative description, the use of formalized models and methods of applied mathematics. On the third hand, they require a holistic description of the object, its relationship with the biosphere, technosphere, with scenarios of technological development. To do this, we must rely on a solid foundation of science.

Over the past years, processes of technological transformations have been taking place, which allow moving to a qualitatively new level of business technologies, which gives reason to talk about the onset of



the so-called cognitive era. Under these conditions, new management technologies and approaches to management are developing, in particular, cognitive management.

The current stage of development of knowledge-intensive enterprises (HBs) is characterized by qualitative changes in the types of socially significant human activity: labor, characteristic of an industrial society, is replaced by creativity in a post-industrial society. Machine technology is giving way to “smart technology”. As a result, knowledge and information become the leading factors of production, which leads to a decrease in the role of material factors of production. The cardinal changes in production relations led to special requirements for the quality of human resources, highlighting the intellectual component in them and making them an independent factor of production.

Here the list of new scientific, technical and technological problems that have arisen could be continued, but this is in subsequent issues.

The indicated issues of debatable nature are on the agenda in Europe and the world, and require the involvement of scientists and practitioners in finding the right solutions to the global challenges.

In 2021, we continued to promote and index the journal “*Access to science, business, innovation in digital economy*”, and it will be listed by more academic databases in the future.

We are convinced that the achieved publication rating of the journal in international databases, as well as its renewed editorial board, which includes famous scientists nationally and internationally, raise the prestige of the journal and increase the quality requirements of its content.

Receiving such recognition is unthinkable without the dedicated work of the journal's team and all its supporters and friends.

We would like to thank the authors who present scientific articles of both theoretical and empirical content, representing scientific and practical interest in all areas of economic science.

By the end of 2021 we have already had 67 authors from 35 organizations from Bulgaria, Georgia, Kazakhstan, Latvia, Nepal, Norway, Poland, Russian Federation, Ukraine, Yemen. We have new authors joining us from Azerbaijan, Uzbekistan

We hope that through the involvement of scholars and practitioners from many institutions of high international prestige, as well as through a peer review process, the editors will be able to ensure the continued high standard of this journal.

We would like to thank the members of the editorial board for their indisputable competence, scientific rigor and dedication to create and promote a network of scientific communities in the profile of the journal and promoting scientific research!

We are also grateful to the reviewers for the analytical and well-intentioned motivating reviews!

Wishing you, your families and friends the very best in the coming year!

Have a fruitful, healthy and happy 2022!

Stay healthy and take care!

With best regards,



Editor-in-Chief

**Mariana
 PETROVA**

D.Sc. in Physics
 and Mathematics
 St. Cyril and
 St. Methodius
 University of
 Veliko Tarnovo,
 Bulgaria

**Chairman of the
 Scientific Council**

**Sultan
 RAMAZANOV**

D.Sc. in Economics,
 D.Sc. in Technology,
 professor
 Vadym Hetman Kyiv
 National Economics
 University, Kyiv,
 Ukraine

