

Annotation

Part 1. Concept of managing the potential of socio-economic systems

- 1.1. **Adam Walawender. Management of the municipal administration in the local government.** This paper shows how wide a topic related to the management of the municipal administration. It describes how important it is correct to assess organizational structures and management quality. It not without significance is also a system service to the public, which should be carried out in simple, understandable and friendly residents. Local government should also make decisions related to organizational solutions in a reasonable manner, taking into account the care and comfort of residents.
- 1.2. **Andriy Hrytsenko, Olena Hrytsenko. Reconstructive type of management potential for economic development of Ukraine.** Strategy of socio-economic development of Ukraine must be built through the use reconstructive way of managing the economy. Reconstructive development is an innovative development, aimed at solving internal problems of the country for the welfare of citizens through a radical restructuring of the economy and expansion of its internal potential in reflexive interaction with the international environment.
- 1.3. **Olena Kanishchenko, Iuliia Bunyk. Imperatives of geo-economics: modern tools.** The article reveals modern imperatives and essence of geo-economics under the globalization and a splash of ethnic and interstate conflicts which characterized with various intensity, quality and coverage. We study the current tools of geo-economics and make recommendations for its improvement. The research shows under what conditions and economic regimes sanctions are more likely to be effective, so that it allows to predict the success of restrictions implied by a country.
- 1.4. **Tetyana Kravchenko, Olena Pimenova. Innovative-investment projects as a direction of formation of the strategy of sustainable development.** The essence and meaning of "sustainable agriculture" is studied. The basic directions of introduction of innovative-investment projects are determined. Methodical approach to the system of evaluation of forms of economy in agrarian sector in conditions of sustainable development is viewed.
- 1.5. **Victoria Melnyk. Formation of the concept of sustainable development in the context of global development of mankind.** Discusses the formation of the concept of sustainable development, its evolution and formation in modern form, which is associated with globalization. It is noted that sustainability is a complex process that involves cooperation at all levels (national, scientific, local). The concept of sustainable development is a complex concept that tries to give answers to the most pressing issues of the day. These problems can be implemented using two classes of system mechanisms- adaptation and carinal. The concept of sustainable development is qualitative progressive transformations of production systems, economic relations and social device.
- 1.6. **Anna Pankeieva, Nataliya Moroz. Transformation of suburban zone under the influence of agglomeration processes.** The problems of formation and development of agglomerations becomes one of the most actively discussed questions of spatial development of territories. Particular interest is given to the processes which take place in a suburban zone. Scientific research confirms that the majority of large municipal agglomerations experience the stage of suburbanization. The process of suburbanization has been examined in the paper and the prerequisites of its development

have been characterized. The reasons and negative phenomena of suburbanization in the world practice have been defined. The specificity of the suburbanization process which is characteristic for the cities of Ukraine has been determined.

1.7. Liliia Sytar. Transformation of approaches to managing of state social security. This paper deals with the approaches and visions of national scientists on the definition of "social security". On the basis of the analysis, the author's vision of social security is as such a state of economic development of the state in which each person is socially protected, with a decent standard of living, access to quality education and health, and therefore has the opportunity to grow spiritually and professionally. A study of the existing methodology for determining the level of social security as a component of economic security was done. Ways of improving the assessment of social security in the regions of Ukraine are offered.

1.8. Galina Shovkoplyas, Anna Sklyarova. Innovation management paradigm as a factor of social and economic systems. The characteristic aspects of the new paradigms of management are discussed. The complication management relations, humanization management, focus on the continuity of organizational changes, innovation, the all-round development of creative abilities of workers, knowledge and information as the main resource of the organization are among these aspects.

1.9. Serhiy Shkarlet, Viktoriya Marhasova, Oleksandra Sakun. Conception of providing of the economic sustainability to the economic security threats of system-synergistic type. System-synergistic approach examines economic sustainability and economic security as totality of interrelated and interdependent constituents that provide the balanced development by establishment of optimal quantitative betweenness by the elements of the system and forming of proof structural connections between them. Realization of model of steady development of Ukraine is possible at a complex management the socio-economic systems, an aim of that is providing of the proof state of national economy. Economic growing of Ukraine is the constituent of socio-economic development of the state, that, in turn, both a process that includes the stages as increases and falling, quantitative and quality changes is examined in an economy. In this context, clear actuality of development of conception of providing of the economic sustainability to the economic security threats of system-synergistic type as complex of fundamental ideas, principles, rules that expose its system-dialectical essence and intercommunications.

Part 2. Transformation of approaches to the management of socio-economic systems

2.1. Kazimierz Łukawiecki, Małgorzata Kowalska, Mateusz Lejczak. The development of e-government in Poland. Necessary factors in the development of electronic administration are information and communication technologies and the fact that use of the IT tools in current administration activity, especially the Internet. In addition, the essential feature of e-government becomes its widespread availability, which is identified with unlimited timeframe. The object of this publication is to present concrete examples of how development of electronic administration in Poland takes place. Resigned from the definition of e-government and e-services, and a detailed analysis of their performance and utilization. On the other hand highlighted was the legal form – how it is important in the development of e-government and on the implementation of tasks within the framework of e-government with the involvement of funds from the European Union.

- 2.2. Olena Bochko. The impact of marketing 3.0 for transformational changes of the economy.** There was revealed that marketing indirectly effects on state through society, businesses, markets and more. The role of Marketing 3.0, which is not only the definition of new customer requirements, but also anticipate their needs and spiritual satisfaction, forming healthy future society was grounded. Marketing 3.0 has the ability to affect change in a market economy, the essence of which is the expansion of enterprises, improve communication between sellers and buyers, meet spiritual needs.
- 2.3. Hanna Dorozinska, Volodymyr Maslov. Scientific, technical and economic aspects of water treatment in conditions of transformation of socio-economic systems.** In the transition of society to a new phase of evolutionary development, where information and knowledge are produced in a single information space, there is a need to improve the scientific, technical and economic approaches to natural resources. The actual problem for humanity is cleaning water, because every year is increasing the level of contamination of the environment and are reduced the resources necessary to live. Many methods for reducing concentration of danger contaminants in drinking water developed. One of these methods is the method additional purification of water by freezing. In this work the efficiency of water treatment was investigated and ways that allow rational use of resource water potential was proposed.
- 2.4. Nataliia Kulyk, Tetiana Sokolenko. Strategic potential as a dominant of economic security and sustainable development of socio-economic systems.** The article presents the investigation of the aspects of functioning the enterprise from the point of view of the integration concept. The enterprise is viewed upon as a relatively stable, integral and delimited from the environment independent socio-economic system. The important dominant of the sustainable development of the socio-economic system is the strategic potential of the enterprise. The authors determine the conditions, which the organization must have to respond adequately to the challenge of the environment, and prove that they make the preconditions for the economic security of the enterprise. The basic principles of the structure of the system of the economic security and a set of indicators of the economic security of the enterprise are presented.
- 2.5. Dmitry Lazarenko, Pavlo Pavlovsky. Information as resource management of socio-economic systems.** In the article the role of information resources in the formation of social and economic relations was examined. Methods of making management decisions based on quantitative assessment of situations were considered. The necessity of the method of situational simulations was discussed. The matrix informational and methodological support of the challenges management was built.
- 2.6. Oleksii Lyulyov. Modelling of economic systems functioning stability.** The article deals with theoretical analysis of the scientific approaches concerning definition of the concept “stability”, which exist in the scientific literature. There are five different approaches to interpret the concept “enterprise stability”, as an open economic system. On this base, the author’s definition of the enterprise stability is formed. In order to find principal peculiarities in processes and to estimate impact parameters on economic system state, the Lotka-Volterra model is observed, that allows to describe main factors, influencing the investment processes in economic systems to reveal essential regularities in business struggle in economic system, and also to model interconnection at the market through the suggested model parameters.
- 2.7. Olga Olynyk. Features of the present socio-economic system of Ukraine.** The study paid no attention to meet the targets in the European type of nation-building has not yet formed a powerful national socio-economic system with its consideration national fundamentals and opportunities. It should, after all, is necessary to introduce a model of direct taxation, immediately implement a complete state monopoly on the production and sale of alcoholic and tobacco products, as well as the entertainment business

activities, stop the destruction of social values and ideals, processes of cultural and moral degradation of society.

- 2.8. *Kateryna Pugachevska. Tendencies of import into Ukraine from the European Union.*** The article deals with the dynamics and structure of import merchandize flows into Ukraine from European Union. The division of import supplies into intermediary, final consumption and gross capital formation is estimated. The indicator of import content of exports as the major indicator of the international industry fragmentation is evaluated. The level of import dependence of Ukrainian economy is estimated. The key issues in the sphere of import from EU are determined.
- 2.9. *Myroslava Chekh. Import substitution in Ukraine: main features and arguments for implementation.*** In the article, some aspects of the necessity and feasibility of import substitution strategy in Ukraine are analyzed. The experience of support for this strategy by Latin America and Southeast Asia is considered. Using data generated from the International Monetary Fund (IMS) database, in empirical analyses, this article argues that the macroeconomic policy of import-substitution industrialization contributed to the current economic developments in Ukraine. Using VAR/VEC estimates, it is established negative impact of imports on economic growth in contrast to retail trade and industrial production. Proposals for a limited import-substitution strategy are justified, with focus on sectoral priorities in domestic market development.
- 2.10. *Olexandra Mandych, Inna Naumenko, Inna Mikolenko. Features of competitive strategies of agricultural enterprises of Ukraine.*** In the article the system of competitive strategies of enterprises, in particular, special attention is paid to strategies gain a competitive advantage as the overall competitive strategy. Peculiarities of formation and use of certain defined strategies for modern conditions of agricultural enterprises in Ukraine. A comprehensive strategy for the formation of a competitive capacity and competitiveness of agricultural enterprises by functional components.

Part 3. Social and humanitarian aspects of transformational processes in contemporary society

- 3.1. *Konstantin Bozhko. Non-destructive testing in nanotechnology as a factor of stable development.*** The use of nanotechnology in the stable development concept involves no harm to the socio-economic system of the next generation. To do this, at the same time with nanotechnology need to adopt accompanying methods and controls. As a non-destructive testing methods for nanotechnology proposed gas discharge visualization of surface defects in the corona. This method can be applied to metals and semiconductors.
- 3.2. *Valentina Voronkova, Vitalina Nikitenko, Marina Maksimenyuk. The object of human dimension as an anthropological paradigm of European philosophy.*** The subject of research is the perception of human dimension as the anthropological aspect of humanistic management, based on the interrelations between man, government, society. The paper describes the evolution of views on man in the context of anthropological foundations of humanistic management; it is noted that the development trends of the philosophical and anthropological knowledge of humanistic management are based on human perception in the projection of anthropological dimensions of man, which is fundamental in European philosophy.
- 3.3. *Nataliy Hrushchyska. Trends competitiveness of the economy in terms of the fourth industrial revolution.*** The publication revealed the issue of changing the international competitiveness of the national economy in the context of the fourth industrial revolution. Birth of new prospects due to revaluation of international cooperation, specialization, reform and finding new sources of tools and to provide new impetus to

the global economy from the perspective of the fourth industrial revolution. Positions countries – hegemony reduced, and by 2030 is expected to form new world centres – dominant world economy.

- 3.4. Mykola Kyrychenko. Informatization as a factor of optimization ideology of information society and its sustainable development support.** The essence of the ideology of the information society as a factor of sustainable development and its role in the process of informatization are analyzed. The ideology of information society provides for the creation of mechanisms of intellectual economy which is based on knowledge, and aims to curb the threatening processes. The concept of the information society ideology is based on the noosphere paradigm and facilitates impact of information and communication process in the economy, politics, culture and social sphere. Noosphere principles of information society contribute to sustainable development of the modern Ukrainian society.
- 3.5. Ivan Kischak, Andrey Slyusarenko, Alona Ohienko. Geopolitical triangle: EU – Ukraine – Russia.** In modern conditions of Ukrainian statehood and its economic potential development the question of European integration is rather relevant. The necessity for membership in the European Union (EU) depends on a number of qualitative factors, which provide the benefits of economic, social and political order. However, along with the dominance of opinions about the expediency of Ukraine's accession to the European Union, the fact of the complexity of the process does not lose its relevance. It is updated in the light of differences of mentality, economic fundamentals and the list of imperatives from European countries, which, ultimately, are not stimulating in terms its development. So, the problem of European integration is relevant with its advantages and disadvantages that are worth investigating to identify strategic directions of the perspective Ukrainian state institutions development.
- 3.6. Tetiana Kravchenko. Specifics and innovative features of advocacy in local government in Ukraine.** The article researches into the specifics and innovative features of advocacy in dealing with matters of local importance. The work investigates theoretical principles of advocacy. It studies peculiarities of this form of interaction between civil society and institutions of local government. Strategies of implementing advocacy are analyzed. The article explores the specifics of advocacy in the local public life identifying the areas where cooperation between the community and local government bodies in matters of local importance needs to be improved. There are proposals formulated as to the ways of enhancing public involvement through practical integration of advocacy.
- 3.7. Alexander Sosnin. Challenges and threats facing education in the 21 century.** It is known fact that a person can resist any challenges and hazards exclusively thanks to the faith and education and that is why the leading countries of the world are trying to give an opportunity to get a quality education to the main mass of its population. The second important factor for successful sustainable development of peoples is national elite – political, scientific, and managing. Today in terms of the very deep crisis our nation has this deeply realize and understand, that a successful future is possible only for those countries that are able to educate the youth and provide young people for a high-quality education. It is with increased requirements for organization and development of algorithms for the education the major risks and opportunities that come to Ukraine in the XXI century are connected.
- 3.8. Svitlana Fedulova. Systems approach in the management processes of the functioning and development of territories.** The possibility and the need for a systems approach in the management processes of functioning and development of the territories has been analyzed in the article. It is recognized that these processes are dynamic and probabilistic and are nonlinear. We describe the general scheme of the system of interaction of regional socio-economic systems different orders using the

identity equality by Y. Chernyak & Y. Ashby. Such achievements will reveal new regularities of the development of modern unsteady socio-economic system of Ukraine and to shape the principles and approaches to management of processes of functioning and development of territories.

3.9. Boris Shevchenko, Tatiana Nepokupna. The transformation of public administration based on partnership of government, business and society. In this paper we consider the reproductive potential of the partnership between government, business and society in the context of the transformation of the national economy in terms of globalization. Analysis was made of socio-economic problems of the economic system of Ukraine. The urgency of modernization of public administration on the model of "activating state" according to the theory of «new public management», the need to introduction concept «partner state» were argued. In the article marked directions in the interpretation of the partnership of government, business and society.

3.10. Volodymyr Shevchuk. Permanence of Economic Thinking and Management: Principles of Sustainable Controllability. The global community has been attempting to change the existing trajectory of civilizations evolution for several decades. It is caused by threat of world coming from human activities. The most acceptable concepts and actions are theory of sustainable development that can help achieve the goal. Implementation of sustainable development needs innovative worldview and natural conditions that Ukraine has now. Implementation of scientific ideas in the world level can appropriate to speak about the potential of Ukrainian significant contribution from Ukraine in creation of rescue thinking models and anti-entropic management as an innovative strategic framework for sustainable development.

Part 4. Trends in social capital and labour relations in modern society

4.1. Nadiya Azmuk. Higher education in Ukraine in the context of labour potential of the informative society. In this article the author accents attention on the changes which the market of higher education have under the influence of the digital technologies. The author grounds that the main problem of the modern Ukrainian market of educational services is a discrepancy in the quality of specialists training to the business needs. This tendency is growing with digital break between the teachers and students. A new digital segment of the employers has formed at the Ukrainian market, and these employers are not satisfied with the situation at this market: there demands for the specialists working in the virtual space have not been satisfied. At the same time the Ukrainian business has unsatisfied demand for the new quality specialists which have the work skills in the digital space. The author has grounded that online education is an instrument of competitiveness rising of the young specialists.

4.2. Andrii Karpenko, Inna Koreyba. Labour potential: essence and factors of formation. The concept of "labour potential" has adopted a unified and generalized definition. Another problem is too many unstructured factors in the formation of labour potential. The article provided the author's definition of "labour potential". The analysis of the main factors in the formation of labour potential was given. The number of indicators by which to exercise effective influence on the factors shaping labour capacity – development and foster the middle class population, improving the content and standards of cultural and educational programs, raising social standards, developing effective legislative instruments management, greening and protection of existing natural resources was revealed.

4.3. Natalia Kachan. Theoretical base of national human capital. The purpose of research is to identify the characteristics and conditions and factors of national human capital in

modern conditions, determining the origins and stages of its formation and use, the construction of the mechanism of formation and development of national human capital in terms of innovative economy. It has been determined trends that are to be seen as conditions of the development of national science and practice in the development and evaluation of human capital. It has been systematized the conditions and factors that contribute to the formation of human capital in national innovation economy. It has been determined the origins and formation stages of its national human capital investment objects in each stage. On the basis of summarizing it has been built mechanism of formation and development of national human capital. It has been further developed the theoretical base of national human capital in the determination of the factors affecting it and the origins of which it is formed. The mechanism of formation and development of national human capital in terms of innovative economy has been improved. The attention was paid to the need to develop national capital at all stages of development and growth of a person with the creation of the effective state investment since birth.

- 4.4. Zoryana Makohin. The impact of migration processes on social and economic development of Ukraine.** The article is devoted to research of the labour migration impact on the economy of Ukraine. *Countries experience* in regulation of labour migration resources and economic *results* of migration processes are examined in the paper. Also the current situation and the dynamics of labour migration in Ukraine is analyzed and the impact of labour migration on the main macroeconomic indicators of Ukraine is empirically researched. In addition, the ways for improving migration policy in Ukraine and attracting of migrant's transfers in Ukrainian economy are concentrated in the article.
- 4.5. Olena Martynenko, Svitlana Garna, Anastasiya Martynenko. The modern state of unemployment in Ukraine.** The article considers the essence of the unemployment problem that exists in the economy of Ukraine. The problems of youth unemployment are considered. The causes and consequences of unemployment in the country are analyzed. It is determined that the main cause of unemployment is the imbalance in demand and supply of labour. On the basis of research we propose the activities for solving of this problem.
- 4.6. Anastasiia Ozarovska. Transformation of approaches to quality management in the Ukrainian education system.** The article deals with the main aspects of the quality management in the state universities under the conditions of emerging pan-European educational space. It was proved the necessity of innovation in the quality management system of higher education based on the European integration ideas and further need to reform higher education system. It were clarified the basic trends of Ukrainian higher education according to the common European educational space. The author found out the problem areas of higher education in Ukraine. The main priorities in the management system of higher education in European integration were uncovered. The necessity of introduction of innovative technologies and global management of European higher education was argued.
- 4.7. Oksana Stupak. Social organizations in the system of management of higher educational establishments.** Use of various recourses during management of educational and extracurricular sphere makes possible to create competitive educational space of higher educational establishments. Among eventual significant social organizations of youth in higher educational establishments there are student's self-government authorities, labour union organization of students. At the same time greater value for cultural, educational, spiritual development of youth obtain social organizations, youth centres, informal groups, in which the youth of the city, region, including students, take part. Just integration of youth with social activity helps to make wider the range of possibilities of their self-actualization and self-development.

- 4.8. Inna Shevchenko. Improvement of the approaches to management of the labour potential development.** The article identifies major problems of development of the labor potential in Ukraine. The implementation of the deductive and integral approaches to the analysis of the labor potential development through the allocation of its demographic component, intellectual component, innovative component, professional-qualification component and business component is proposed. The feasibility of using of the matrix and program-target methods for managing the development of the labor potential is indicated.
- 4.9. Liudmyla Shevchenko. Innovative model of socio-economic development: transformations of the university education.** The substance of the latest innovative model of socio-economic development is investigated. The special attention is given to the basic stages of transformation of university education, namely: innovative university, Research University, entrepreneurial university, university as an intellectual entrepreneur. The international experience of research and entrepreneurial universities is analyzed. The perspectives of transformation of the university education and the necessity of Foresight studies of higher education in Ukraine are characterized.

Part 5. Education and its role in changing societies

- 5.1. Jerzy Dziuk. Old ideas of management on the example of "Lviv – Warsaw School".** This article is about the origin of group of Polish philosophers called Lviv – Warsaw School. It emphasized contribution of the school's founder, professor Kazimierz Twardowski, its' establishment, students' creative achievements who were the founders of Polish Philosophical Association. Newly formed philosophical direction was attracting a big crowd of followers because it presented the most difficult issues in easy and clear way. The author pointed time of history which was tragically in consequences. It did not save excellently growing Lviv – Warsaw School, which caused destruction of creating trend of scientific elite.
- 5.2. Elena Arsenteva, Viktoriia Hnidenko, Liubov Kotova, Galina Tatarenko. Quest technology in educational activities (hands-on experience of the Law faculty Volodymyr Dahl East Ukrainian National University).** Tournament-quest – one of the most effective active components of continuous education of the XXI century, including modern humanities education. The article describes the main aspects of modern educational technology Tournament-quest as a new type of practical-oriented approach to education. This form of education can be directed to the formation of appropriate educational competencies in students. Tournament-quest is a unique form of education activity that combines different types of motor, cognitive, research, productive, communicative and creative activity. This article describes a scenario developed by the teachers of the Faculty of Law and the practice its realization.
- 5.3. Alla Borysiuk, Liubov Liubina. Professionally significant qualities as a constituent of future doctors' professional competence.** The article is devoted to the theoretical and methodological analysis of the professional competence of the future doctor in the conditions of educational and professional activities in higher medical educational establishments. The types of professionally significant qualities of the future doctor are determined as an important part of professional competence.
- 5.4. Zinaida Gipters. Professional adaptation process economic education: past and present.** The features of professional adaptation in the process of economic education are discussed. The author draws attention to the state of the economical education for children and adults in Western Ukraine regions XIX – early XX century. An objective analysis of teaching experience in the past is designed to improve the state of the

economical education, vocational guidance and individual adaptation to the modern world.

- 5.5. *Kateryna Kotelenets. Transformation mission of the frontline University in terms of socio-political danger.*** The article provides comparative characteristics of classical and frontline University. It was observed that in a hybrid war in Eastern Ukraine university vector changes its mission, it expands and transforms. The society in terms of socio-political hazards requires universities find themselves in the line of demarcation, cooperation with the Armed Forces of Ukraine and security for students and teachers, substitute educational ideology and more.
- 5.6. *Volodymyr Proskunin, Uliana Proskunina, Hanna Shevchenko. The characteristics of functioning of educational districts in Ukraine.*** The paper is written by the team of authors within their series of publications on educational districts, the reasons and prerequisites of their formation, their role and share within the national education system, problems and perspectives of development of the analyzed model. The review describes the characteristics of functioning of educational districts on the territory of Ukraine. The historical prerequisites and factors that enabled effective functioning of the mentioned model in education environment have been studied.
- 5.7. *Eugeniya Radzishevskaya, Vladimir Knigavko, Elena Vysotska, Andrey Solodovnikov. Adaptation of the course "Medical Informatics" to modernity.*** The most important social task of the state is to ensure the rights of citizens to obtain affordable, timely and quality health care. The progress of medical information technologies has a significant impact in development of fundamentally new directions for the organization of medical aid to the population. It gives reason, particularly, to adapt the course "Medical Informatics" in higher medical schools to modern conditions. Meanwhile, the problem of medical information standardization becomes rather topical.
- 5.8. *Olga Ralko. Methodological approaches to management of the quality of education at school.*** The article describes the main methodological approaches to management of the quality of education, generalization of their features to create and introduce the management of education quality, examines features of intraschool management, reveals causes of difficulties connected with using these approaches in teaching schoolchildren process.
- 5.9. *Oksana Sarnavska, Tetyana Yakovyshyna. The transformation of the concept of "educational cooperation" as a systemic phenomenon.*** On the basis of analysis of philosophical, psychological and pedagogical sources essence of the concepts of "cooperation" and "educational cooperation" summarized their essential characteristics as systemic effects socialization process. Also it is the need to consider such diverse interpretations that only reaffirm the complexity and inconsistency of the abovementioned problems. It is noted that unites all these definitions understanding of education (in the broadest sense) both process and result of interaction in the pedagogical area.
- 5.10. *Nataliya Tymoshenko, Iryna Radelytska. Analysis of the experience of experts in social fundraising activity.*** Based on the scientific sources on this subject and study the practical experience of foreign non-government organizations that concerning with fundraising activity we conducted a study and questionnaire survey for professionals among non-government organizations. During this research, we analyzed the experience of professionals of NGOs in the field of fundraising and discovered the challenges they faced in their work. This study showed that professionals need an integrated social learning, studying advanced foreign experience and testing the best innovations in Ukraine.