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University of Massachusetts Amherst
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Education

Doctor of Sciences, National Academy of Sciences of Ukraine, December 2011

Dissertation: *National Wealth of Ukraine as a Potential of the Economic Development*

Ph.D. in Economics, National Academy of Sciences of Ukraine, April 2004

Dissertation: *Establishing and Functioning of Special Economic Zones in Ukraine*

M.S. in Economics, Dniprodzerzhynsk State Technical University, June 2000

B.S. in Economics, Dniprodzerzhynsk State Technical University, July 1999

Positions Held:

Visiting Lecturer, Department of Economics, University of Massachusetts Amherst, since 2022

Senior Researcher, unofficial Head of the Department of Economic Growth and Structural Changes, Institute for Economics and Forecasting, National Academy of Sciences of Ukraine (2008-22)

Professor, Department of Finance, Kyiv National Economic University, Ukraine (2014-19)

Associate Professor, Department of Finance, Department of Business Finance, Kyiv National Economic University, Ukraine (2005-11)

Junior, Scientific, Senior Researcher, Department of regional problems of capital reproduction, Council for Ukraine's Productive Forces Studies, National Academy of Sciences of Ukraine (2000-08)

Courses Taught:

European Economic History (in English, undergraduate students)

Public Finance (in English, undergraduate students)

Economic Policy (in Ukrainian, graduate students)

Finance (in English, undergraduate students)

Finance (in Ukrainian, undergraduate students)

Languages

English (B2); Ukrainian (native speaker); Russian (C2); Polish (A2).

Fields of Interests

National Wealth and its Components, Human Potential, Human Capital, Public Finance, European Economic History, Inclusive Development, Structural Reforms, Sustainable Development, SNA Balance Sheets

Publications

Books

In Ukrainian

1. *Proportions and Prospects of National Wealth Formation in Ukraine* (2010). Kyiv: Institute for Economics and Forecasting of NAS of Ukraine, 372 p. <http://ief.org.ua/docs/mg/73.pdf>

(Author's methodological approaches to the assessment of national wealth (human capital, fixed capital, natural resources, net financial assets) were developed and on this basis the assessment of the national wealth of Ukraine was carried out and the directions for improving the monitoring of the formation and use of NW as a potential for economic development were substantiated. In particular, the author proposed a comprehensive approach to the assessment of human capital based on the discounting of the labor contribution to GDP, adjusted through coefficients for four blocks of indicators: educational and scientific, perception of individual well-being and well-being, access of the population to information technologies and demographic. The operation of a significant number of goods or values in the form of "quasi-wealth" is substantiated, which have a special role in the process of reproduction of national wealth and partial compliance with its criterion features: the ability to accumulate, restore, reproduce, alienate; long-term use; the ability to become a subject of market circulation, due to which they do not create a special form of wealth (mainly it is inherent in individual components of social, environmental, financial and human capital), which can be cumulatively calculated in the structure of other components of national wealth.)

2. *Special Economic Zones in Ukraine: Theory and Practice* (2004). Kyiv: Naukova Dumka, 250 p.

(Author's methodological approach to the evaluation of the results of the activity of special economic zones in Ukraine were developed, which take into account the relationship between the effectiveness of the functioning of the SEZ and the socio-economic development of the regions and allow to determine the integrated specific weight of the impact of their activity on regional development. Using this approach, a real assessment of the effectiveness of SEZ activity was carried out. Proposals for improving the economic and legal foundations of the functioning of special economic zones, in particular, the unification of the procedure for monitoring free economic zones, priority development territories and technology parks, were substantiated.)

Journal Articles (peer-reviewed)

In English

3. "Intellectual Property Products as Intangible Components of the National Wealth of Ukraine." (2013) *Economic Annals—XXI*. 11-12(1): 9-22. <http://www.scopus.com/inward/record.uri?eid=2-s2.0-84900395058&partnerID=MN8TOARS>.

(The ways of improving of intellectual property products representation as of the part of the intangible national wealth in general and of Ukraine in particular based on international comparative analysis of their formation and methodology of economic evaluation were substantiated.)

In Ukrainian

4. "Ukraine in the dimensions of inclusiveness and institutional development." (2022) *Economy of Ukraine*. 5: 38–58. http://economyukr.org.ua/?page_id=723&lang=uk&aid=539

(The means of preserving the predominantly extractive structure of the Ukrainian economy were outlined. It is substantiated that the problem of inequality was becoming more and more acute and was growing from economic (in terms of income and wealth) issue into a matter of education, health care, etc. Ukraine's place in the coordinate system of traditional and inclusive economic growth was determined, and a high untapped potential for inclusive development of the country was revealed. It was quite possible to restructure Ukraine's economic and social processes, even at the same level of GDP, in such a way as to ensure significantly higher rates of structural changes promoting inclusiveness.)

5. with Olena Herasimova (2020). "Infrastructure development as a structural reform in Ukraine: investment aspects, international experience and audit." *Economy of Ukraine*. 8: 24–39. http://economyukr.org.ua/docs/EU_20_08_024_uk.pdf
(Against the background of the general low quality of both hard and soft infrastructure facilities, infrastructure disparities were revealed, which relate, first of all, to the inconsistency of placement of most companies of medium and high-tech sectors created in Ukraine in recent years in the western part of the country, which is happening due to Ukraine's ongoing integration into the European economic area, and educational and energy infrastructures, historically concentrated in the east of the country. It was identified that there were gaps in the work of both investment promotion agencies and public authorities, which inhibit the inflow of investments.)
6. with Svitlana Shchegel (2019). "Inclusiveness of the development of the regions of Ukraine: assessment, ratings and prospects." *Regional economy*. 4 (94): 36–52. https://re.gov.ua/re201904/re201904_036_BobukhIM.ShchegelSM.pdf
Approaches to assessing the level of Ukrainian regions' inclusive development in the context of sustainable development goals were presented. The methodology was modified on the ground of the Inclusive Development Index (by World Economic Forum). Inclusive Regional Development index of Ukraine was developed and presented in the article makes it possible to assess the regional characteristics of the seven key socio-economic areas: Economy, Business, Education, Health, Security & Defense, Environment, Social Capital. Based on assessments, the key problem areas were identified. Directions of state structural policies were suggested to achieve the goals of inclusive development based on regional characteristics.)
7. with Svitlana Shchegel and Olena Herasimova (2019). "Gender inclusion in the economy: imbalances in wages." *Bulletin of the National Acad. of Sciences of Ukraine*. 8: 51-66. <http://www.visnyk-nanu.org.ua/sites/default/files/files/Visn.2019/8/6.Bobukh.pdf>
(For the purpose of scientific analysis and formation of holistic understanding of inclusiveness as the key priority of creating the basis for a new quality of economic growth in Ukraine, the authors explored the peculiarities of inclusive economic development, as well as the possibilities of its achievement in countries with different levels of socioeconomic development. The key directions of economic growth were defined in accordance with the Global Sustainable Development Goals; the stages of SDG implementation were revealed within the framework of the United Nations Development Program in Ukraine as a prerequisite for the achievement of the goals of inclusive development. The goal of sustainable development, which has the greatest potential for the formation of inclusive society in Ukraine, was substantiated. The expediency of expanding the list of key indicators under Goal 5 with the following indicators: the share of women in areas of activity with high export potential; fraction of women — students of IT specialties; the share of women — entrants to IT specialties was justified.)
8. with Olena Herasimova (2016). "Creation of scientific and educational services market as a determinant of investment processes activation in Ukraine." *Bulletin of Odessa National University. Economy*. Vol. 21. Issue 2: 18-25. http://visnyk-onu.od.ua/journal/2016_21_2/04.pdf
(The directions of creation in Ukraine the developed market of scientific and educational services according to European principles as determinants of investment processes activation are highlighted. The structural parameters of budget financing of scientific and educational sphere in OECD countries, which should define the vector of its development in Ukraine, are revealed. The key barriers are identified and the main directions of transformation of scientific and educational sphere and the economy and society are justified to create the necessary conditions for transition of the Ukrainian economy to a new quality of economic growth.)
9. "The Productivity of Resources – Components of the National Wealth – as a Basic Determinant of Sustainable Development." (2014) *Economics of the development*, 2 (70): 15–24. file:///C:/Users/Iryna/Downloads/ecro_2014_2_5.pdf
(The necessity and basis for measuring the productivity of resources in a broad sense in terms of components of national wealth, including human and natural resource potential, fixed capital, financial capital elements that influence the amount of wealth, social potential and environmental capital, considering the division of national wealth into the capital and the untapped potential, to improve the formation efficiency and implementation of sustainable development strategies are substantiated. The peculiarities of the productivity and profitability of resources in the world are highlighted. Ways to increase the resource efficiency of the Ukrainian economy are suggested.)
10. "Trends in Parameters of Human Development Formation of Ukraine in the International Context." (2014) *Actual Problems of Economics*. 3: 334–341. <http://www.scopus.com/inward/record.url?eid=2-s2.0-84929999327&partnerID=MN8TOARS>.
(Based on the author's methodical approaches to human potential, the tendencies of its formation in Ukraine and the world are highlighted. It is argued that, despite some improvement in recent years, the total level of human development in the country remains the lowest among the countries under study. The ways to improve the processes of human development in Ukraine are suggested.)
11. "Savings as a Source of Growth of the National Wealth." (2014) *Economist*, 6: 7-12. file:///C:/Users/Iryna/Downloads/econ_2014_6_7-1.pdf
(The peculiarities of savings formation, including adjusted net savings as endogenous sources of growth of national wealth in Ukraine and worldwide, are highlighted. The role of national wealth as an integral indicator of sustainable development is justified. It is suggested to display the process of saving and accumulation on all types of capital that are part of national wealth: human capital, natural resources, fixed, social, environmental capital and financial capital elements that affect the amount of national wealth.)
12. "Human Potential in Ukraine: Formation, Analytical Comparisons and Directions for Improvement." (2013) *Demography and social economy*, 2 (20): 62–73. file:///C:/Users/Iryna/Downloads/dse_2013_2_9.pdf
The article presents evaluating characteristics of Human Potential reproduction in Ukraine based on critical (threshold) indicators. According to the results of computation of the characteristics of human development reproduction in Ukraine, most indices of human development in the country are beyond the critical values. It can trigger structural changes in the economic system in the near future. Reasonable steps to ensure successful changes of the economic system and the transition to a new quality of human development in Ukraine are justified. It is substantiated, that among other measures, the mechanism of real estate taxation of Ukrainian population should be changed to be based on taxation models developed by developed countries, which assign taxation based on the value of real estate instead of the living space. Accordingly, the transparent, efficient, and reliable system of value assessment of real estate on a national scale needs to be developed and implemented.)
13. "Depreciation Policy in Ukraine: Contemporary State and Perspective Directions of Transformation." (2013) *World of Finance*, 3: 64–74. <file:///C:/Users/Iryna/Downloads/745-1464-1-SM-1.pdf>
(Contradictions in the legislative regulation of depreciation of fixed assets in Ukraine were revealed. The peculiarities of domestic trends in transformations of gross and net accumulation, value of stocks, consumption of fixed capital, savings, level of wear and tear and depreciation of fixed assets were established. Ways to improve the implementation of depreciation policy in Ukraine were justified.)
14. with Vitalii Lutskov (2012). "Determination of the Interdependence of National Wealth Components." *Actual Problems of Economics*, 5: 68-78. http://irbis-nbuv.gov.ua/cgi-bin/irbis_nbuv/cqirbis_64.exe?C21COM=2&I21DBN=UJRN&P21DBN=UJRN&IMAGE_FILE_DOWNLOAD=1&Image_file_name=PDF/ape_2012_5_8.pdf
(The article presents the authors' theoretical and methodological approaches to studying national wealth and outlines the methodological approaches to evaluation of its components; based on the evaluation results the ways to determine the interdependence of the national wealth components were identified. The parameters for constructing the integral indicator for the interdependence of national wealth components were suggested; this would enable further analysis of the national wealth structure dynamics by the directions of investments. This would also allow estimating these dynamics in terms of deviation of the actual results from the maximal ones achieved in previous periods.)
15. "National Wealth, Balance of Payments and International Investment Position: The Mutual Influence of Formation Trends." (2012) *Economist*, 11: 9–15. file:///C:/Users/Iryna/Downloads/econ_2012_11_5.pdf
(In the article the theoretical and practical aspects of the interrelation of National Wealth, Balance of Payments and International Investment Position were founded. The Ukrainian peculiarities of dynamics and structure of the balance of payments, international investment position and financial capital elements that affect the amount of wealth in the international context, based on author's methodological approaches were revealed.)
16. "The Environmental Capital as a Part of the National Wealth: Problems of Definition and Assessment." (2011) *Economist*, 7: 16–18.
(The need to include ecological capital in the composition of national wealth is substantiated and its definition was formulated. The directions for improving methodical approaches to its assessment were substantiated. It was justified that the process of taking into account the natural resource component of national wealth in the framework of the balance sheets of the System of National Accounts should be improved in the future by introducing a new element of national wealth - ecological capital, which should be defined and assessed as the value of natural resource potential minus the value of environmental pollution.)
17. "The national wealth assessment in the context of international experience." (2011) *Economics and forecasting*. 2: 24–39. http://eip.org.ua/docs/EP_11_2_24_uk.pdf

(The directions for improving methodological approaches to the assessment of the national wealth of Ukraine were substantiated. The need to use an empirical matrix of economic assessment of national wealth was argued, taking into account the two-level model, which involves consideration of national capital and untapped (non-capitalized) resources in its composition.)

18. "The Social Potential as the Newest Component of the National Wealth." (2011) *Economist*. 4: 68–74.
(Social potential (including social capital) was studied, which, as a complex economic phenomenon, began to crystallize as a separate type of resource. It has been proven that social capital significantly affects the economic development of countries (in particular, indicators of the volume of GDP, investment climate, etc.) and can accumulate.)
19. "Prospective directions of balances transformation in national system of accounts." (2010) *Actual Problems of Economics*, 5: 243–250
<http://www.scopus.com/inward/record.url?eid=2-s2.0-77952620253&partnerID=MN8TOARS>
(The article grounds the necessity of principles and methods transformation in balances of the system of national accounts which are formed for estimation of national wealth of the countries based on international standards. Key directions and measures for improvement of methodical support are determined, and it is offered to introduce into the practice of the Ukrainian national accounting and for other countries the comprehensive presentation of the economic results of the institutional sectors activity and of the country in general in the stock dimension.)
20. "Economic assessment of fixed capital: international practice and Ukrainian realities." (2010) *Economics and forecasting*, 1: 39–53.
http://eip.org.ua/docs/EP_10_1_39_uk.pdf
(Based on the results of the economic assessment of the fixed capital of Ukraine in the international context, significant disproportions in its accumulation were revealed. The main direction of minimizing these disparities should be the development and implementation of comprehensive measures to increase the amount of investment in fixed capital, which must be accompanied by appropriate investments in human capital, rational use of natural resource potential, and optimization of financial capital formation processes.)
21. "Problems of Regional Distribution of Fixed Capital in Ukraine." (2010) *Economist*, 3: 45–50.
(The article is devoted to identifying the peculiarities of the regional placement of fixed capital in Ukraine and justifying the need to change the vector of regional policy in the direction of using the advantages of asymmetric regional development to increase the country's economic potential.)
22. "Economic Evaluation of Human Potential of Ukraine as an Element of National Wealth." (2009) *Demography and social economy*. 2 (12): 102–113. <http://dspace.nbuv.gov.ua/handle/123456789/9109>
(The results of the economic assessment of the Ukrainian human potential in the context of the world parameters on basis of the author's methodology were presented. The definitions of the categories „human capital” and „human potential” and methodical features of their evaluation were specified. The need to eliminate disproportions in the accumulation of human capital regarding capital (main, financial, natural) and to improve the information base for further research by restructuring and supplementing the SNR indicators was argued. Ways of improving the compilation of auxiliary tables of the existence of national capital and wealth as a whole are substantiated, which requires the development of applied methodical tools for their assessment and identification of the balance of their accumulation.)
23. "Disproportions of human capital accumulation: mutual influence and ways of minimization." (2009) *Economist*, 7: 32–35.
(Directions for minimizing the disproportionality of the accumulation of human capital in Ukraine based on a comprehensive analysis of patterns and trends in their formation were substantiated in the article. It was revealed that the level of education causes a significant long-term influence on the formation of the structure of economic differentiation of the population, forming a "vicious circle" of its various types. The directions of qualitative improvement of the existing situation in the field of education through the optimization of the structure of public expenditures by increasing their share directed to the primary and secondary educational levels were substantiated.)
24. "National Wealth in the System of National Accounts Indicators." (2009) *Proceedings of the National Academy of Sciences of Azerbaijan. A series of economic sciences*, 2: 46–51.
(The author substantiated the need to develop and introduce into the practice of economic and statistical monitoring of the countries of the world a two-level model for compiling auxiliary tables of the system of national accounts, designed to display at the macro level the volume of national wealth as a combination of national capital and untapped potential. The main directions for improving methodological approaches to the assessment of natural resource and human potential as components of national wealth in the system of indicators of national accounts have been developed.)
25. "Evaluation of the Efficiency of Special Economic Zones in the Context of Regional Development." (2002) *Economy of Ukraine*. 11: 42–47.
(The role of special economic zones in regional development as centers of concentration of economic activity and multipliers of economic growth of the entire region was substantiated. The main prerequisites, principles and factors for the location and development of special economic zones were determined based on a comparison of the levels of investment attractiveness of the regions with data on the implementation of the mechanism of special economic zones within them.)

Additional Articles (not peer-reviewed)

In English

26. with David Korpiewski (2013). The International Experience of Non-Financial Produced Assets Evaluation and Ways of its Implementation in Ukraine. *Economist*. 11: 15–20.
27. "Adjusted Net Savings and National Wealth: Peculiarities of the Sustainable Development Measurement." (2014) *Economic Development: Theory, Methodology, Management. II International Scientific Conference* (Budapest-Valencia-Kyiv, November 09–16th, 2014): 9–11.
28. with David Korpiewski (2013). Comparative Characteristics of Human Development Indicators in Ukraine and the United States of America. *Development of National Economies in a Global Instability: Second International Scientific and Practical Conference* (Odessa, May 10–11th, 2013): 9–11.

In Ukrainian

29. "Human capital and inclusive development of Ukraine's economy: educational and scientific factors." (2019) *Bulletin of the National Acad. of Sciences of Ukraine*. 5: 58-61. <http://www.visnyk-nanu.org.ua/sites/default/files/files/Visn.2019/5/15.Bobukh.pdf>
30. with Andriy Grytsenko (2019). "Ukraine in the global economic space and its competitiveness." *Economic Theory*. 3: 101–114. http://etet.org.ua/docs/ET_19_3_101_uk.pdf
31. with Olena Herasimova (2019). "Inclusive and extractive institutions: Ukraine at the crossroads of structural changes." *Economist*. 4: 26–34.
32. "Behavioral Economics and Sustainable Development: Key Aspects of Interconnection." (2016) *Economist*. 6: 4-8. <http://ua-economist.com/13341-povednkova-ekonomka-ta-staliy-rozvitok-klyuchov-aspekti-vzayemozv'yazku.html>
33. "Sustainable development: essence, factors and indicators of measurement." (2015) *Economic theory*. 3: 95-118.
34. with Iryna Baranovska. (2015) "Economic development and growth." *Economic theory*. 2: 99–117.
35. "Efficiency of State Programs of Young Families Support in Ukraine." *Modern Problems of Economy, Management and Marketing: XIX International Scientific and Practical Conference* (Russia, Nizhny Tagil, June 7-8th, 2013): 44–7, 2013.
36. "Trends of Fixed Capital Formation as a Factor of the Industry Development in Ukraine." (2010) *Bulletin of the Institute of Economics and Forecasting of NAS of Ukraine*, p. 77.
37. "Problems and Structural Proportions of the Ukrainian National Wealth Formation." (2010) *Economics: Problems of Theory and Practice*. Issue 262, Vol 10: 2549–2558.
38. "Features of the Disparity of Ukrainian National Wealth Components." (2010) *Scientific Works of Donetsk National Technical University. Series: Economics*. 38-2: 174–181.

39. "Indicators of the Ukrainian Financial Capital Formation in the International Context." (2009) Scientific Works of Donetsk National Technical University. Series: Economic. 37-2: 119–127.
40. "Financial Aspects of Ukrainian National Wealth." (2009) Scientific Works of National University of Tax Administration of Ukraine, pp. 35–43.
41. "Institutional Problems of National Wealth Formation in Ukraine." (2007) *Scientific Works of Donetsk National Technical University. Series: Economic.* 31-2 (117): 181–9.
42. "Theoretical aspects of identifying the peculiarities of the formation and distribution of national wealth in the regions of Ukraine." (2007) *Academic Notes of the Crimean Engineering and Pedagogical University.* Vol. 10. Economic sciences: 44–48.
43. "Principles of Economic Valuation of Natural Resources in the Context of the Rent Theory and Labor Theory of Value." (2007) *Environmental Economics and the Environment*, pp. 5–12.
44. "Principles and Methods of Research of Information Potential as a Part of the Ukrainian National Wealth." (2006) *Productive Forces and Regional Economy.* Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies. Part 1: 185–91.
45. "Institutional Research of National Wealth in the Context Ukrainian Transition Economy." (2006) *Scientific Works of Donetsk National Technical University. Series: Economic.* 103-3: 73–8.
46. "The role of national wealth in providing effective regulation of corporate relations in Ukraine." (2006) *Problems of rational use of socio-economic and natural resource potential of the region. Series: "Integration and innovative transformation".* Vol. XII. No. 1: 12–19.
47. "Methodological principles of economic evaluation of natural resources in Ukraine." (2006) *Environmental Economics and Environmental Protection*, pp. 50–56.
48. "Theoretical and Methodological Principles of Economic Evaluation of National Wealth." (2005) *Productive Forces and Regional Economy*, pp. 200–6.
49. "Innovative Development of Productive Forces in Special Economic Zones of Ukraine." (2004) *Productive Forces and Regional Economy*, Part 2: 64–70.
50. "Socio-Economic Prerequisites for the Creation and Location of Special Economic Zones in Ukraine." (2003) *Productive Forces and Regional Economy*, Part 1: 55–60.
51. "Theoretical Base of Creation and Functioning of Special Economic Zones." (2002) *Formation of Market Relations in Ukraine.* 1: 79–80.
52. "Special Economic Zones as a Factor of Regional Development in Ukraine." (2002) *Productive Forces and Regional Economy*, Part 1: 93-102.
53. "Problems of formation and functioning of free economic zones in Ukraine." (2001) *Productive Forces and Regional Economy.* Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies. Part 1: 40–6.
54. "The Strategy of Development of Free Economic Zones in Ukraine and their Role in the Use of Economic Potential of the Country." (2001) *Socio-Economic Aspects of Industrial Policy*, 238–247.

Book chapters

55. "Principles of research on structural changes as the basis of inclusive development of the economy of Ukraine" (2020). In Iryna Bobukh, ed. *Structural changes as the basis of inclusive development of Ukraine's economy.* Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 14-69.
56. "Inclusiveness of the development of the regions of Ukraine: evaluation and prospects" (2020). In Iryna Bobukh, ed. *Structural changes as the basis of inclusive development of Ukraine's economy.* Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 245-65.
57. "Economic resources of human-centered orientation of sustainable development (2012). In Ella Libanova, ed. *Sustainable human development: ensuring justice: National report.* Uman: Publishing and Printing Center "Vizavi", pp. 138-157. http://nbuviap.gov.ua/images/nauk-mon/Staluy_ludskuy_rozvytok.pdf
58. "Structural features of the National Wealth of Ukraine" (2015). In Lidia Shinkaruk, ed. *The Structural Transformation of the Ukrainian Economy: Dynamics, Contradictions and Impact on Economic Development: scientific report.* Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 73-80.
59. "Intellectual property products as intangible elements of the national wealth of Ukraine" (2015). In Lidia Shinkaruk, ed. *The Structural Transformation of the Ukrainian Economy: Dynamics, Contradictions and Impact on Economic Development: scientific report.* Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 80-6.
60. "Contemporary Trends of National Wealth Structuring in Ukraine." (2011) In Lidia Shinkaruk, ed. *Structural Changes and Economic Development in Ukraine,* Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 147-79.

Other Scientific Papers

Research Reports

61. with Yury Kindzerskyi, Olena Snihova, Olena Herasimova, Olha Fashchevska et al. (2022). "Structural transformation of the economy" in *Restoration and reconstruction of the post-war economy of Ukraine: scientific report.* Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 54-114.
62. "Assessment of losses and perspectives of the development of human capital as a component of the national wealth of Ukraine as a result of military aggression." (2022) in Vasyl Yurchyshyn, ed. *Geopolitical and geoeconomic changes shaped by russian aggression and renewal of the place of Ukraine in the world.* Kyiv: Razumkov Center, pp. 75-81. https://razumkov.org.ua/uploads/article/2022_TRANSFORMANS_UKR.pdf
63. "Development of the institutional framework of inclusive economic aspects of countering the pandemic in Ukraine." (2021) in Vasyl Yurchyshyn, ed. *Perspectives for post-coronavirus economic transformations and their impact on the development of countries. the place of Ukraine in the post-crisis world.* Kyiv: Zapovit, pp. 75-82. https://razumkov.org.ua/uploads/article/2021_perspectives_for_economic_transformations.pdf
64. with Olena Herasimova (2021). "Challenges for the healthcare system of Ukraine due to the development of the Covid-19 pandemic." in Vasyl Yurchyshyn, ed. *Factors and Results of the Implementation of Anti-crisis Policy in Selected Countries. Forecast of Ukraine's Economic Development in 2021.* Kyiv: Zapovit. pp. 132–40. https://razumkov.org.ua/uploads/article/2021_ukraine_economic_forecast.pdf

65. "Institutional foundations of human potential realization in Ukraine." (2020) in Vasyl Yurchyshyn, ed. *Economic freedoms for strengthening the socio-economic development of Ukraine in the conditions of global transformations*. Kyiv: Zapovit. pp. 45–53.
66. "Determinants of economic growth: essence and characteristics." (2018) in Iryna Bobukh, ed. *National and global determinants of economic growth of Ukraine: scientific report*. Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 10-67. <http://ief.org.ua/docs/sr/299.pdf> 2.28
67. "National wealth of Ukraine as a basis for economic growth" (2018) in Iryna Bobukh, ed. *National and global determinants of economic growth of Ukraine: scientific report*. Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 100-43. <http://ief.org.ua/docs/sr/299.pdf> 2.28
68. "Prospective directions of actualization of determinants of economic growth." (2018) in Iryna Bobukh, ed. *National and global determinants of economic growth of Ukraine: scientific report*. Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 337–356, 370–389. <http://ief.org.ua/docs/sr/299.pdf> 2.28
69. with Lidia Shynkaruk (2012). "Economic resources of the Man-Oriented Sustainable Development." in: *Sustainable Human Development: Equity: National Report*. Uman: Publishing center "Vis-à-vis", pp. 138–57.
70. "Imbalances of National Wealth Components in Ukraine." (2012) in: *Global Economic Disparity: Features, Trends, Impact on the Economy of Ukraine: Scientific Report*. Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 40–5. http://ief.org.ua/docs/sr/dop_Shynkaruk_2012.pdf 3
71. with Stanislav Kireyev, Lidia Shynkaruk (2009). "Macroeconomic Dynamics in Ukraine." in: *Socio-Economic Situation in Ukraine: Implications for People and the Country: National Report*, pp. 14–24, SPC NBUV, Kyiv, Ukraine, 2009. http://nbuviap.gov.ua/images/nauk-mon/Socialno_ekonomichnuy_stan_Ukrainu.pdf
72. "Free Economic Zones Functioning." (2006) in: *The Scheme-Forecast of the Development and Distribution of Productive Forces of Odessa Region until 2015*. Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, pp. 71, 170.
73. "Human Resources as the most Important Component of National Wealth." (2006) *Economy: Problems of Theory and Practice*. Issue 218, Vol. 1: 39–44, 2006.
74. with Iryna Shulga (2005). "Institutional transformation and business development." in: *The Scheme-Forecast of the Development and Distribution of Productive Forces of Odessa Region until 2015*. Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, pp. 19–20.
75. "The National Wealth as a Factor of Economic Security." (2005) in: *National Security: state, crisis phenomena and how to overcome them*. Kyiv: National Academy of Management – Center for Policy Studies, pp. 87–91
76. with S. Doroguntsov, M. Fashevskiy, V. Trojan, T. Pepa, A. Popov (2005). "Formation of the Territorial Structure of the Economy." in: *The Scheme-Forecast of the Development and Distribution of Productive Forces of Dnipropetrovsk Region until 2015*. Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, pp. 107–12.
77. with Serhii Doroguntsov (2005). "Special Economic Zones." in: *The Scheme-Forecast of the Development and Distribution of Productive Forces of Mykolaiv Region until 2015*. Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, pp. 75–76.
78. with S. Doroguntsov, I. Dul'ska, I. Shulga (2005). "Institutional transformation and business development." in: *The Scheme-Forecast of the Development and Distribution of Productive Forces of Mykolaiv Region until 2015*. Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, pp. 22–23.
79. with V. Yatskov, L. Levkovskaya (2005). "Scientific Potential." in: *The Scheme-Forecast of the Development and Distribution of Productive Forces of Donetsk Region until 2015*. Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, pp. 17–20.
80. with Serhii Doroguntsov (2005). "Special Economic Zones Functioning." in: *The Scheme-Forecast of the Development and Distribution of Productive Forces of Zhytomyr Region until 2015*. Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, pp. 36, 153.
81. with Serhii Doroguntsov (2005). "Functioning of Special Economic Zones and Special Investment Regime." in: *The Scheme-Forecast of the development and distribution of productive forces of Zaccarpattia Region until 2015*. Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, pp. 93–94, 188.
82. with S. Doroguntsov, V. Yatskov, A. Fedorishcheva, O. Hatsa, L. Levkovskaya, O. Bazarna (2004) "Scientific and Technological Potential." in: *Strategic Directions and Prospects of Ukrainian Productive Forces Development*. Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, pp. 15–20.

Professional Presentations and Conference Papers

In English

83. "National Wealth as a basis for financial development in Ukraine." *Scientific Seminar "Modernization of the Public Sector in Ukraine: Opportunities, Challenges and Limitations of Fiscal Decentralization"* (Kyiv: Agrar Media, April 11–14th, 2016), pp. 30–34.

In Ukrainian

84. "Institutional trust as a social value of inclusive economic development." IV Congress of the Sociological Association of Ukraine "Transformation of social institutions in the information society" (Kharkiv: Sociological Association of Ukraine, October 28-29th, 2021): 402-405. <https://sau.in.ua/app/uploads/2021/12/tezy-iv-kongresu-sau.pdf>
85. with Olena Herasimova "COVID-19 as a threat to the inclusive development of the economy and entrepreneurship." *IV International scientific conference "Economic prospects of entrepreneurship: vectors of evolution and prospects of entrepreneurship in the conditions of modern challenge"* (Irpın: State Fiscal Service University of Ukraine, October 8-9th, 2020), Part 2: 159-161.
86. "Human Potential as a Component of The National Wealth of Ukraine" *Hearings in the Parliament of Ukraine "Balanced Development of Human Capital in Ukraine: the Tasks of Education and Scienc"* (Kyiv: Parliament of Ukraine, April 10, 2019). Committee on Science and Education. (Series "Parliamentary Hearings"). Kyiv: Parliament Publishing House, 2019. 1: 35-37, 302-362.
87. "GNI vs GDP: Interrelationship and Contradictions." *The Round Table "The role of economic science in social development: To the 100th anniversary of the NAS of Ukraine"* (Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, November 22, 2018): 43-47. <http://ief.org.ua/docs/scc/8.pdf>
88. "Conceptual principles of real estate taxation and assessment of fixed assets in the conditions of European integration." *II Scientific and Practical Seminar "Fiscal policy in the conditions of macroeconomic stabilization"* (Irpın: Research Institute of Fiscal Policy of the University of the Federal State of Ukraine, May 22-31, 2017).

89. "Economic integration between Ukraine and the EU within the framework of the Horizon 2020 program." *Scientific conference "Ukraine and the EU: possibilities and perspectives of cooperation"* (Mariupol, DonSUM, May 18-19, 2017), pp. 105–109.
90. "Determinants of economic growth: modern and classical approaches to research." *International scientific and practical conference "Problems of increasing the efficiency of the economy and management in modern conditions"* (Odesa, International Humanitarian University, December 19th, 2016).
91. "Fair distribution of national wealth as a prerequisite for the prosperity of Ukraine." *Scientific-methodological seminar "Wealth of the nation: essence, sources, state mechanisms of multiplication and effective use"* (Kyiv, NASM, July 9th, 2016).
92. "Prospects of transformations of the scientific and educational sphere in Ukraine." (2015) *The 3rd International Scientific and Practical Conference "Actual Problems and Prospects of Economic Development in Conditions of Global Instability"* (Kremenchuk, KNU named after M. Ostrogradskyi, December 10-12th, 2015), pp. 35–39.
93. "Financial Aspects of Savings Formation in the Structure of Gross Adjusted Disposable Income in Ukraine." *National Models of Economic Systems: Formation, Management and Transformation: International Scientific and Practical Conference* (Kherson, October 10–11th, 2014), Part 2: 87–91.
94. "The Regional Assymetry of the Fixed Capital Formation: Advantages and Disadvantages." *Problems of Forecasting and State Regulation of Socio-Economic Development: XI International Scientific Conference* (Belarus, Minsk, October 14–15th, 2010). Vol. 4: 226–228.
95. "The Concept of Economic Assessment of Human Capital as a Base of the Information Society Formation." *E-gospodarka - E-społeczenstwo w Europie Środkowej i Wschodniej* (Poland, Lublin, May 11–13th, 2009): 428–31.
96. "International Macrostructural Trends of the Formation of Fixed Capital as a Part of the National Wealth." *Problems of Forecasting and State Regulation of Socio-Economic Development: X International Scientific Conference* (Belarus, Minsk, October 15–16th, 2009), Vol. 2: 40–41.
97. "Stock Market Capitalization as an Indicator of Use Efficiency of Ukrainian National Wealth." *Economic and social development of Ukraine in the XXI century: national identity and globalization trends: VI International Scientific Conference of Young Scientists* (Ternopil, February 26–27th, 2009): 129–31.
98. "Methodology for Economic Evaluation of National Wealth as an Indicator of Socio-Economic Development of the Territory." *Features of Fiscal Regulation of Regional Social and Economic Development: International Scientific and Practical Conference* (Chernivtsi, October 8–9th, 2007), 69–71.
99. "The National Wealth as the Basis of Competitive Regional Economy Formation." *Perspectives of Incipience of Competitive Regional Economy: VI Plenum of the of Ukrainian Economists Union* (Kyiv, September 21–22nd, 2007): 272–5.
100. "Regulation of National Wealth Formation as a Factor of Regional Economic Development in Ukraine." *Problems and Perspectives of the Market Economy: International Scientific Conference* (Kremenchuk, May 11–13th, 2007): 19–21.
101. "Problems of Innovative Regional Development in the Context of the National Wealth Economic Assessment." *Region-2007: optimal development strategy: International Scientific Conference* (Kharkiv, April 17–18th, 2007): 25–8.
102. "Economic Evaluation of Natural Resources in the Context of Rent Theory." *Actual Problems of Rental Policy Formation in Contemporary Conditions: International Scientific and Practical Conference* (Kyiv, May 17th, 2007), Part 2: 151–9.
103. "Methodology of Regional Aspects of Ukrainian National Wealth Localization Research." *Actual Problems of Regional Socio-Economic Development / III Ukrainian Scientific and Practical Conference* (Simferopol, April 19th, 2007): 48–51.
104. "Assessment of Forest Resources as Ukrainian National Wealth Component." *Problems of the forest resource sphere upgrading in the Context of Spatial Development: Scientific and Practical Conference* (Kyiv, April 20th, 2007): 107–12.
105. "Macroeconomic Regulation of the National Wealth Forming and Using." *Contemporary Scientific Achievements: II International Scientific and Practical Conference* (Dnipropetrovsk, February 01–14th, 2007), Vol. 2: 74–76.
106. "Basic principles of Study of National Wealth as Integral Index of Territory Development." (2007) *Scientific Bulletin of Bukovina State Financial Academy*. Vol. 8. Economics: 173–182.
107. "Problems of Ukrainian National Wealth Saving in the European Integration Process." *Problems of Border Areas Development and their Participation in Integration Processes: III International Scientific and Practical Conference* (Luts'k, October 12–13th, 2006): 53–5.
108. "The Necessity of value assessment of the national wealth of Ukraine." *Actual Problems of Economic Development of Ukraine: Scientific Conference of Young Scientists of Council for Ukraine's Productive Forces Studies of National Academy of Sciences of Ukraine* (Kyiv, November 1st, 2006): 10–12.
109. "State Regulation of Corporate Governance as a Factor of Ukrainian National Wealth Growth." *Corporate Governance in Ukraine: Management, Finance, Audit: International Scientific and Practical Conference* (Rivne, May 4–5th, 2006): 90–5.
110. "Problems of Ukrainian Free Economic Zones Development in the Context of Globalization and Regionalization." *Formation of trade Regimes in Transition Economies in the Context of Globalization of the Economy: IX International Scientific and Practical Conference* (Kyiv, October 25–26th, 2001): 221–223.
111. "Problems and Perspectives of Territories with Special Status in Ukraine." *Problems and Prospects of Ukrainian Economic Development in conditions of market transformation: International Scientific and Practical Conference* (Dnipropetrovsk, May 31st–June 1st, 2001), Vol. 1: 14–16.
112. "Regional Aspects of Free Economic Zones Development in Ukraine." *Theory and Practice of Economic Restructuring: II Ukrainian Scientific and Practical Conference* (Cherkasy, October 23–25th, 2001): 18–20.
113. "Theoretical Aspects of the Expediency of Special Economic Zones Establishing in Ukraine." *Economic Theory: Contemporary Paradigm and its Evolution at the Threshold of XXI Century: International Scientific and Practical Conference* (Kyiv, March 1–2nd, 2000), Part 2: 77–78.
114. with N. Malyar, S. Granovski. "Free Economic Zones and their Role in Solving Problems of Regional Investment Policy." *Regionalization of Economy and Effectuation of Administrative Reform in Ukraine: Ukrainian Scientific and Practical Conference*: (Dniprodzerzhynsk, May 18–19th, 2000), Part 1: 166–168.
115. with N. Efremova, N. Malyar. "Macrostructural Investment Priorities in Ukrainian Economy: Problems and Perspectives." *Third Millennium Economy III International Conference of Young Scientists-Economists* (Donetsk, April 7–9th, 2000), Vol. 1: 41-42.

116. "Structural changes in the economy as a prerequisite for economic growth and development." (2018) in: *Collection of papers for the 20th anniversary of the Institute of Economics and Forecasting*. Kyiv: NAS of Ukraine, Inst. for Economics and Forecasting, pp. 106-120. <http://ief.org.ua/docs/mg/303.pdf>
117. "Implementation of the Association Agreement with the EU will increase the national wealth of Ukraine" (2015) Internet portal "Ukrainian Journal Economist". Oct 22.: <http://ua-ekonomist.com/>
118. *The Legislative and Regulatory Framework of the Special Economic Zones in Ukraine: [collection of laws and regulations]* (2004). Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies. 670 p.
119. *Theoretical and methodological bases of research of Ukrainian National Wealth* (2008). Kyiv: NAS of Ukraine, Council for Ukraine's Productive Forces Studies, 44 p.
120. "Technopark." (2008) in A. Tolstoukhov, ed. *Environmental Encyclopedia*. Kyiv: LLC "Center for Ecological Research, vol. 3: 298–299.

Popular Magazines and Websites:

121. "Smarter than Europe: how to create a market for scientific and educational services in Ukraine." (2015) Internet portal of the "Forbes. Ukraine" magazine. November 23. <http://forbes.net.ua/ua/opinions/1406116-rozumnishi-za-evropu-yak-stvoriti-v-ukrayini-rinok-naukovo-osvitnih-poslug>.
122. with Natalia Shapoval at al. "Which of the parliamentary parties keep their promises." (2015) *Internet portal "Ukrainska Pravda"*. Oct 22. <http://www.pravda.com.ua/>
123. with Natalia Shapoval at al. "Promises rating: which of the future mayors has realistic programs." (2015). *Internet portal "biz.liga.net"*. Oct 23. <http://biz.liga.net/>
124. "What should be the steps of the state to create a market for scientific and educational services?" (2015) Internet portal "Ukrainian Journal Economist". Nov 2.. <http://ua-ekonomist.com/10659-yakimi-povinn-but-i-kroki-derzhavi-po-stvorenniyu-rinku-naukovo-osvitnih-poslug.html>
125. with Natalia Shapoval at al. "Programs of Political Parties: A Document "For the Checkmark" (2015) *Internet portal "voxukraine.org"*. Oct 22. <http://voxukraine.org/>.

Service Contributions

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| 2022 | Volunteer at the International Assistance Headquarters for Ukrainians, Headquarter in Poland (MSDU, www.dopomoha.org.ua/) and Towarzystwo Przyjaciół Ukrainy (TPU, www.tpu.org.pl/pl/); |
| 2020–21 | Advisor in a Working group on Human Potential Section of the Law of Ukraine "On the Principles of State Policy of Sustainable Development" elaboration, Parliament of Ukraine; |
| Since 2019 | Editorial board member of the scientific journal "Economy of Ukraine"; |
| 2019–22 | Expert of the Scientific Council of the Ministry of Education and Science of Ukraine on the examination of competitive works in the information system of the Ministry of Education and Science of Ukraine "Science in Universities" in the Section 17 "Economics"; |
| 2016-22 | Unofficial Head of the Department of Economic Growth and Structural Changes, Institute for Economics and Forecasting, National Academy of Sciences of Ukraine; |
| 2015–19 | Editorial board member of the journal "Nowoczesna edukacja: filozofia, innowacja, doświadczenie", Poland; |
| 2014–22 | Member of the Specialized Academic Council D 26.239.01 (Specialty 08.00.03 Economics and Management of National Economy) with the right to review and conduct defense of thesis for the degree of Doctor of Sciences and PhD in Economics at the Institute for Economics and Forecasting, NAS of Ukraine". |

Head of the research projects: "Inclusive Institutions for the Ukrainian Economy Development" (2020-22), "Structural Changes as the Basis of the Inclusive Development of the Ukrainian Economy" (2017-20), "Inclusivity as a Key Aspect of Creating the Foundations for a New Quality of Ukraine's Economic Growth" (2017-18), "National and global determinants of economic growth of Ukraine" (2014-17), "The National Wealth in the Context of a New Paradigm of Economic Development" (2011).