

## Curriculum Vitae Leonid Melnyk

<b>Title</b>	Prof. Dr.	<b>First name</b>	Leonid
<b>Surname</b>	Melnyk		<i>Mandatory</i> <input checked="" type="checkbox"/> Male <input type="checkbox"/> Female
<b>Department</b>	Department of Economics, Entrepreneurship and Business Administration		
<b>Position/Grade/Category</b>	Professor		
<b>PhD Title</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Accredited to supervise doctoral theses?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Address</b>	R.-Korsakova 2		
<b>Postcode</b>	40007	<b>City</b>	Sumy
<b>Country</b>	Ukraine		
<b>Telephone 1</b>	++ / 380 -99-9477974	<b>Telephone 2</b>	++ /380-689678767
<b>Fax</b>	++ /380 -542-333297	<b>Website</b>	
<b>Email</b>	<a href="mailto:melnyksumy@gmail.com">melnyksumy@gmail.com</a> <a href="mailto:melnyk@econ.fem.sumdu.edu.ua">melnyk@econ.fem.sumdu.edu.ua</a>		

<b>EDUCATIONAL BACKGROUND:</b>
1989 Doctor's Degree in Economics. Moscow Institute of National Economy
1978 Candidate Degree in Economics. Moscow Institute of Steel and Alloys
1971 Honors Degree in Mechanical Engineering, Kharkiv Polytechnic Institute
<b>WORK EXPERIENCE:</b>
2020 – present time: Professor of Department of Economics, Entrepreneurship and Business Administration in Sumy State University
2007- present time: Director of the Institute for Development Economics of Ministry of Education & Science and National Academy of Science of Ukraine (part-time).
1999 – present time: Editor-in-Chief of the International Scientific Journal “Mechanism of Economic Regulation”
1993 –2020 Head of the Department of Economics (since 2011 – Department of Economics, Entrepreneurship and Business Administration). Sumy State University
1990 – 1993 Professor at the Department of Economics. Sumy State Physics and Technology Institute
1986 – 1990 Associate Professor at the Department of Economics. Sumy Branch of Kharkiv Polytechnic Institute
1985 – 1986 Researcher at the Department of Earth Sciences. Nagoya University, Japan
1978 – 1985 Teacher, Associate Professor at the Department of Economics, Sumy Branch of Kharkiv Polytechnic Institute
1977 – 1978 Post-Graduate. Moscow Institute of Steel and Alloys
1972 – 1977 Engineer, Senior Researcher at the Department of Economics. Sumy Branch of Kharkiv Polytechnic Institute
<b>PUBLICATIONS:</b>
More than 500 scientific works are published, including 45 books and more than 300 articles. The main works are:
<ul style="list-style-type: none"> <li>• Socio-natural antientropic potential: the role of economy and innovations. In. J. <i>Environmet, Development and Sustainability. A Multi diciplinary Approach to the Theory and Practice of Sustainable Development</i>. Vol. 23, pp. 3520–3542(2021) ISSN 1387-585X, doi 10.1007/s10668-020-00730-0 (SCOPUS and WoS)</li> <li>• Socio-economic and cultural effects of disruptive industrial technologies for sustainable development. <i>Int. J. Global Energy Issues</i>, Vol. 43, Nos. 2/3, 2021, pp. 284-305. ISSN 0954-7118, <a href="https://doi.org/10.1504/IJGEI.2021.115150">https://doi.org/10.1504/IJGEI.2021.115150</a> (SCOPUS and WoS)</li> <li>• Information factors in economic systems and business during transition to digital economy. In a monograph: <i>Selected aspects of digital society development: monograph</i> / T. Nestorenko; A. Ostenda (eds) – Katowice (Poland): Publishing House of University of Technology, 2021. 268 p. (in co-authoring – pp. 173-178). ISBN 978-83-960717-1-2</li> <li>• Current socio-economic trends: the EU experience and practice of the Ukraine in the light of industrial revolutions”: Monograph. Sumy (Ukraine): Sumy State University Publisher. 2021. 338 p. (in Ukrainian). ISBN 978-966-657-852-8</li> <li>• Socio-economic effects of implementation of current industrial revolution and solidary economy formation. In a monograph: <i>Current industrial revolutions and improvement of mechanisms for sustainable socio-economic development (the EU experience and practice of the Ukraine)</i> / L. Melnyk and O. Matsenko (eds). Sumy: University Book. 2021. P. 20-28 (in Ukrainian) ISBN 978-83-960717-0-5</li> <li>• Digitalization as a leading disruptive technology of Industry 4.0. In a textbook: <i>Current trends of economic development : the EU experience and practice of the Ukraine</i> / L. Melnyk (ed.). Sumy: University Book, 2021, 291-300 (in co-authoring) (in Ukrainian). ISBN 978-966-680-995-0</li> <li>• Digitalization as a driving disruptive technology and the mainstream for development of economy and business. In a monograph: <i>Current industrial revolutions and improvement of mechanisms for sustainable socio-economic development (the EU experience and practice of the Ukraine)</i> / L. Melnyk, O. Matsenko (eds). Sumy: University Book, 2021, 387-391 (in co-authoring) (in Ukrainian). ISBN 978-966-680-996-7</li> <li>• Social and economic trends of sustainable development in the conditions of digital economy. In a monograph: <i>Role of</i></li> </ul>

science and education for sustainable development / M. Wierzbiz-Strońska, I. Ostopolets (eds). Katowice: Publishing House of University of Technology, 2021, 31-39. (in co-authoring), (in English). ISBN 978-83-960717-05

- Disruptive technologies for green economy formation in conditions of the fourth industrial revolution: the EU experience. In a monograph: *Socio-economic and management concept*. Boston (USA): Primedia eLaunch, 2021. 388-393. (in co-authoring). ISBN 978-1-63684-341-4
- Disruptive technologies as the basis for socio-economic progress. In a textbook: *Disruptive technologies in economy and business (the EU experience and practice of the Ukraine in the light of Industries 3.0, 4.0, 5.0)* / L. Melnyk, B. Kovalyov (eds). Sumy: Sumy State University Publisher. 2020. P. 8-28 (in co-authoring) (in Ukrainian) ISBN 978-966-657-792-7
- The system of indicators for alternative energy development in the context of the green economy. In J. *Global Environmental Issues*, 2020. Vol. 19. Nos 1/2/3, P. (in co-authoring). (SCOPUS).
- Disruptive technologies as the basis for industrial revolutions. In a book: *Industrial revolutions as the basis for sustainable economy forming: the EU experience and Ukraine practice*. Riga, Latvia: LAP Lambert Academic Publication, 2020, 82-119. (in co-authoring). ISBN 978-620-02-81628-1
- Disruptive technologies in economy and business (EU experience and practice of the Ukraine in the light of the Industries 3.0, 4.0 and 5.0). The textbook / L.G. Melnyk, B.L. Kovalov (eds.). Ukraine. Sumy: Publishing house of Sumy State University. 2020. 146 p. (in co-authoring), (in Ukrainian) ISBN: 978-966-657-792-7
- The effect of industrial revolutions on the transformation of social and economic systems. In J.: *Problems and Perspectives in Management*, 2019. N 17(4). 381-391(SCOPUS)
- Economic and social challenges of disruptive technologies in conditions of Industries 4.0 and 5.0: the EU Experience. *J. Mechanism of Economic Regulation*, 2019, 4, 32-42. (in co-authoring).
- Disruptive Technologies in the Light of Socio-economic Revolutions: the EU and World Experience. *J. Mechanism of Economic Regulation*, 2019, 3, 97–110 (in Ukrainian).
- Sustainable development strategies in conditions of the 4th Industrial revolution: the EU experience. In a Book: *Reducing Inequalities Towards Sustainable Development Goals: Multilevel Approach* / M.P. Bhandari, H. Shvindina (eds). Denmark: Rivers Publishers, 2019, 283-298. (in co-authoring).
- The effect of industrial revolutions on the transformation of social and economic systems. *J. Problems and Perspectives in Management*, 2019, 17(4), 381-391. (in co-authoring).
- Shaping the Information Society: Social and Humanitarian Aspects. In a monograph: *Digital economy and digital society* / T. Nestorenko and M. Wierzbiz-Strońska (eds). Katowice (Poland): Katowice School of Technology, 2019, 71-77. (in co-authoring), (in Ukrainian). ISBN: 978-83-960717-0-5
- Green energy as a leading line of green economy: the EU experience. In a monograph: *“Energy efficiency and energy conservation: economic, technical, technological and environmental aspects”*, Ukraine (Poltava): Poltava State Agrarian University, 2019, 85-91. (in co-authoring), (in Ukrainian).
- Birth of the sustainable economy: the EU experience of the Ukraine in the light of the Industries 3.0 and 4.0. Monograph. Sumy: University Book. 2018. 432 p. (in Russian) ISBN 978-966-680-842-7
- EU Economic and Legislative Policies for Industries 3.0 and 4.0 Promotion. *J. Mechanism of Economic Regulation*, 2018, 4, 31-41. (in co-authoring).
- Green economy: a textbook. – Sumy: University Book. 2018. 464. ISBN 978-966-680-841-0 (in Ukrainian).
- Socio-cultural, socio-economic and technological transformations for sustainable development on local level. *J. Mechanism of Economic Regulation*, 2016, 2(72), 32-38. (in co-authoring).
- Theory of Systems Development: monograph. Saarbrücken: Palmarium Academic Publishing, 2016. 528 p. ISBN: 978-3-659-60498-0 (in Russian).
- Socio-cultural, socio-economic and technological transformations for sustainable development on local level. *J. Mechanism of Economic Regulation*, 2016, 2(72), 32-38. 42 (in co-authoring).
- EU practices and sustainable development in Ukraine. The study guide. Ukraine. Sumy. 2015, 204 p. (in co-authoring), (in Russian)
- Methodology for sustainable development of local communities. In a book. *Local Development with participation of community: project of EU and of UNDP*. Ukraine. Sumy, 2013. 215-231. (in co-authoring), (in Ukrainian).
- Economics of Development. The Textbook. Ukraine. Sumy, 2013. 784 p. (in Russian).
- The EU experience for economic systems adaptation to resource fluctuations through green industries innovations/ *J. Actual Problems of Economics*, 2013. (13). 36–42 (in co-authoring). (Scopus).
- Ukraine and European Union: Preconditions and Vectors of Social and Economic Integration. The Textbook Ukraine. Sumy, 2012. 253 p. (in co-authoring), (in Ukrainian).
- The European Experience of Economic and Legal Instruments Implementation for Ensuring Sustainable Development. *J. Mechanism of Economic Regulation*. 2012, 1 (55). 13-24. (in co-authoring), (in Russian).
- EU Experience in Building Innovative Strategies for Sustainable Development. In the book *Marketing and management innovation*, 2012. 1. 190-200. (in co-authoring), (in Russian).
- Strategy of Sustainable development. The textbook. Ukraine. Kherson. 2012, 446 p. (in co-authoring),(in Ukrainian)
- Cross-countries analysis of EKC. In a book: *Sustainable development and energy security of the world and Ukrainian regions*. Kiev (Ukraine): Tampodex XXI, 2012. 140-145. ISBN: 978-966176-8-9

- Economic, Social and Ecological Horizons in the New Era of Science in the World. *J. Mechanism of Economic Regulation*, 2011. 4. 15–19. (in co-authoring).
- Socio-Economic Issues of Coming Civilization. In the book: *Economic Civilization in Global Dimension*, 2011, 729-755 (in Russian).
- Social and Economic Problems of Information Society. The monograph (editor), vol.2. Sumy (Ukraine): University Book, 2010. 896 p. (in Russian).
- Economic Basics for Solving Ecological Conflicts in Context of Sustainable Development. In a book: *Ecological Conflicts in Modern System of Environmental Management*. Sumy (Ukraine): University Book, 2010. 266–295 (In Russian).
- Reengineering of Modern Business-Processes on the Basis of Ecological Friendly Cluster Patterns of Enterprises Development. In a book: *Economic Grounding Reengineering of Business-Processes of Manufacturing Enterprises*. Sumy (Ukraine): University Book, 2010. 268–282 (in Ukrainian).
- Sustainable Development: Theory, Methodology, Practice. The textbook (editor). Sumy (Ukraine): University Book, 2009. 1200p. (in Russian).
- The Trans-boundary Cooperation and Ecological Conflicts. In J.: *EurAsian Integration: Economics, Law, Politics*. Russia, 2009. 5. 66–71 (in co-authoring ), (in Russian).
- Trend of Enterprises Transformation in Transition to the Information Society. In a book: *Enterprise Management: Theory and Practice*. Poland. Cracow, 2007. 179–184.
- Social and Economic Potential of Sustainable Development. The Textbook (editor). Sumy (Ukraine): University Book, 2007. 1116 p. (in English and Russian).
- Basics of Sustainable Development. The textbook. Ukraine. Sumy, 2006. 368 p. (in Ukrainian).
- Economics and Information. Encyclopedic Dictionary. Ukraine. Sumy, 2005. 384 p. (in Russian).
- Economics of Sustainable Development. In a book: *Environment – Economy – Education*. Germany. Konstanz, 2005. 85–89 (in English).
- Methodology of Development. The monograph. Sumy (Ukraine): University Book, 2005. 602 p. (in Russian).
- Mysteries of Development. Popular book. Sumy (Ukraine), 2005. 378 p. (in Russian).
- Environmental Economics. The textbook (editor). Kyiv (Ukraine): Naukova Dumka, 1998. 496 p. (in English and Russian).
- Environment and Health. The textbook (editor). Kyiv (Ukraine): Naukova Dumka, 1998. 304 p. (in English and Russian).

#### **PAPERS**

More than 200 papers presented at scientific conferences, including more than 70 ones abroad: Australia, Austria, Belgium, Belarus, Brazil, Costa Rica, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Ghana, Greece, Hungary, Italy, Japan, Jordan, Latvia, Lithuania, the Netherlands, New Zealand, Norway, Poland, Portugal, Russia, Spain, Sweden, Tunisia, Turkey, the United Kingdom, the USA.

#### **ADDITIONAL INFORMATION:**

Please include any other relevant information including awards, titles, honorary positions etc.

##### **Awards**

2021 Best academician of Sumy state University in nomination “International grants and scientific activity”  
 2018 Honorary award for services to the Sumy region  
 2015 Prize named after Anton Makarenko for Educational success  
 2013 Medal named after V. Vernadskiy of International Nongovernmental Ecological Fund named after Vernadskiy.  
 2013 Honorary Professor of South-West University. Kursk. Russia.  
 2011 Honorary researcher of Xi’an University of Finance and Economics. Xi’an. China.  
 2009 Award of the Academy of Natural Sciences of Russia  
 2009 Including Into the List “Who Is Who In Environmental Economics”, Free Economic Society.  
 2005 Award of Canadian Association Named after Anna and Petro Patyk  
 2005 The Person of the Year in Sumy-city  
 2005 – 2009 The Best Lecturer Award of Sumy State University  
 2004 Honorary award of the Ukrainian Parliament (Verhovna Rada)  
 1981 Lenin’s Komsomol Honor Prize in the Field of Science and Technology for Young Scientists of the USSR  
 1980, 1982 Medals of Exhibition of National Economy of the USSR, Ecology Section  
 1980 Academician Proskura’s Prize Honor for Young Scientists of Ukraine in the Field of Sciences

##### **Membership**

Since 1990 The International Society for Ecological Economics (ISEE)  
 Since 1995 The academician of the International Academy of Informatization  
 Since 1996 The European Association for the Advancement of Social Sciences.  
 Since 1999 International Journal “Mechanism of Economic Regulation”, editor-in-chief

##### **Language skills**

Mother tongues: Ukrainian, Russian  
 English B2

German A1

**Professional teaching training:**

Australia. Sydney. University of NSW (2019)  
Lithuania. Kaunas. Kaunas University of Technology (2016-2017).  
Russia. Moscow. Russian Economic University (2010).  
Belgium. Free University of Brussels (1998,2001,2008).  
U.S.A. Colorado University in Colorado Springs (1992, 1996).  
U.S.S.R. Moscow Institute of Management (1977-1978, 1983-1984).

**Professional Scientific Training:**

University of NSW. Australia. Sydney (2020).  
Massey University. New Zealand. Auckland (2018).  
University Waikato. New Zealand. Hamilton (2009, 2012).  
Maastricht University, the Netherland, (2010, 2012).  
Free University of Brussels, Belgium, (2001, 2007).  
Environmental Management Training Programme, in the Framework of the TACIS Freiburg – Kyiv, (1996).  
United States Environmental Protection Agency. Special Training Programme in Environmental Policy, Kyiv, (1994).  
Federal Environmental Agency of Germany. Germany, Berlin. (1991).  
Japan, Nagoya University. Japan. Nagoya. (1985-1986, 1990)

**Leadership of Research and Educational Projects**

More the 200 research and educational projects on international, national and local levels are implemented under leadership of L. Melnyk, including 30 international projects (financed by EU programme (Jean Monnet, TACIS, TEMPUS), World Bank, NATO, British Council, Flanders Government, ICLEI, etc.). The selected ones are:

The Jean Monnet CHAIR “Legislative, economic and social transition of the EU to a sustainable society within Industry 4.0 and 5.0”, 2020–2023. (Financed by the EU)

The Jean Monnet Module “Using the Best Practices for Sustainable Economy Formation in Ukraine (UBEUP)”, 2014-2016. (Financed by the EU)

Ukrainian-Lithuanian Project "Development of institutional and economic basis for sustainable development and green economy forming at regional level", 2016-2017. (Financed by the State Fund for Fundamental Studies of Ukraine and Lithuania).

Ukraine–Belarus project Institutional mechanisms of integrated management for transition to sustainable development in Ukraine and Belarus 2013 – 2014. (Financed by the State Funds for Fundamental Studies of Ukraine and Belarus).

Ukraine–Belarus project Development of Methodological and Instrumental Bases for Evaluation of Environmental Costs for Forming the Ecological-Economic Policy Aimed at Sustainable Development. 2009 – 2010. (Financed by the State Funds for Fundamental Studies of Ukraine and Belarus).

Ukraine–Belarus project Fundamental Basics of Ensuring Sustainable Development in Transition to Information Society. 2008 – 2010 (Financed by the State Funds for Fundamental Studies of Ukraine and Belarus).

Ukraine–Belarus project Methodological Basics of European Education Transformation for Providing the Sustainable Development. 2007 – 2008. (financed by the Governments of Ukraine and Belarus).

Capacity Building for New University Discipline “Social and Economic Reinforcement of Sustainable Development”. 2006 – 2007 (financed by the Flemish Government).

Development and Introduction of the New Discipline “Basics of Sustainable Development” for University Education”. 2006 (financed by the British Council).

Evaluation of Ecological Costs Related to Production of National Income in Ukraine. 2003 – 2004 (financed by the Ministry of Environmental Safety of Ukraine).

Development of Sustainable Human “Development Indicators for Local Communities”. 2001 (financed by NATO).

Human Dimensions of Global Environmental Change Research in Central and Eastern Europe and Newly Independent States (Case study of Ukraine) (financed by the International Human Dimensions Programme on Global Environmental Change) (1999)

Environmental Management Training for City Manager through Distance Education in the Russian Federation and the Ukraine (financed by European Commission, TACIS Programme through the International Council for Local Environmental initiatives - ICLEI) (1995-1996)

Economic Mechanism of Country Programme for Phase – out of Ozone Depleting Substances in the Ukraine (financed by the World Bank through COWI-Consult (1994-1995))

Case Study of Environmental Expenditures and Investment in the Ukraine (financed by the World Bank through COWI-Consult (1994-1995))

**Lecturing Abroad**

Riga Technical University. Latvia. Riga 2021  
University of NSW. Australia. Sydney (2020).

Massey University. New Zealand. Auckland. (2018).  
Kaunas University of Technology. Lithuania. Kaunas (2016-2017).  
The University of Economics in Prague. Czech Republic. Prague. (2013).  
State Academy of Management. Belarus. Minsk. (2013).  
South-West University. Russia. Kursk 2009-2012  
Russian Economic University. Moscow. Russia. 1992, 2009, 2011  
Free University of Brussels. Belgium. Brussels. 1997, 1998, 2000, 2005, 2008.  
Rostock University. Germany. Rostock. 1997.  
Nagoya University. Japan. Nagoya. 1985-1986, 1990.  
International Centre for Enterprise Development. Ghana. Accra. 1998.  
Ilmenau University. Germany. Ilmenau. 1999, 2001.  
Colorado University in Colorado Spring. U.S.A. 1992, 1996.

**International Public Activity**

The expert from the Ukraine in EU Scientific Committee for Horizon 2020.