

Maryna Klymchuk

Maryna.Klymchuk@umanitoba.ca

Department Supply Chain Management, Asper School of Business, University of
Manitoba, Winnipeg, Manitoba

EDUCATION

- 2017 – 2020 Postdoctoral program in Economics (Department of Theoretical Economics, Accounting and Taxation, Kyiv National University of Construction and Architecture, Kyiv, Ukraine).
Thesis: Scientific and Applied Fundamentals of Energy Saving Management at Construction Enterprises
- 2009 – 2014 PhD in Economics, Department of Theoretical and Applied Economics, Faculty of Management and Marketing, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”, Kyiv, Ukraine.
Thesis: Business Process Management at Alternative Energy Enterprises
- 2007 – 2008 Master's degrees in Finance,
National University of State Tax Service of Ukraine, Finance department,
Thesis: Management of external debt of Ukraine
- 2003–2007 Honours Bachelor of Science, Finance
National University of State Tax Service of Ukraine, Irpin, Ukraine.

TEACHING EXPERIENCE

- 2019 – 2022 Professor of the Department of Organization and Management of Construction of the Kyiv National University of Construction and Architecture, Kyiv, Ukraine.
- 2015 – 2018 Associate Professor of the Department of Organization and Management of Construction of the Kyiv National University of Construction and Architecture, Kyiv, Ukraine.
- 2009 – 2014 Associate Professor of the Department of Theoretical and Applied Economics of the Interregional Academy of Personnel Management, Kyiv, Ukraine.

DEVELOPED COURSES:

Business Process Management, Quality Management, Business Economics, Project Management, Technologies of Artificial Intelligence in Economy, Financial Support for Energy-Efficient Projects, Business Strategy, Sustainable Economic Development.

RESEARCH EXPERIENCE

- April to November 2022 Research assistant, Institute of Economics, Polish Academy of Sciences, Warsaw, Poland
- Research of the perspective of attracting financing for the digitalization of business processes management of project in the context of sustainability and the post-war recovery economy of the Ukraine.
- March 2021 to June 2021 Research assistant, Faculty of Organization and Management of the Silesian University of Technology

- 2020 – 2021 Participated in congress planning for the International scientific and didactic conference “Cognitive technologies”, 6-8 June 2021, Zabrze, Poland ; designed the program document and schedule; organized special events and chaired sessions.
- Research assistant, State Scientific Research Institute for Informatization and Economic Modeling, Kyiv, Ukraine
- Conducted research in digitalization, energy saving and innovation in public and private sectors.
 - Advocated and consulted on emerging issues.

ADMINISTRATIVE EXPERIENCE

- 2018 – 2022 Collaborated with the Office for Research and Vice-Rector for Research to provide local direction and resources for the education, training, and implementation of all regulations as well as sponsor and University policies and procedures (Kyiv National University of Construction and Architecture, Kyiv, Ukraine).

RESEARCH INTERESTS

Supply chain management, business process management, technology of artificial intelligence in economics, financing projects in the context of sustainable development, methodology of energy saving management, attraction investments in digitalization, circular economy, innovation in public and private sectors, investment in sustainable aviation fuel, green bonds.

SPECIALIZED SKILLS:

Strong analytical, observational, and problem-solving skills. A good record of attending conferences and academic events. Excellent research, writing, and interpersonal skills. Excellent teaching skills, creative teaching skills, excellent presentation skills and most importantly writing skills.

EDITORIAL AND REVIEWER EXPERIENCE

- Reviewer: Scientific journal Innovation and Sustainability, Fall 2021.
- Reviewer: Scientific Papers of Silesian University of Technology. Organization and Management, 2020.

PROFESSIONAL DEVELOPMENT – INSTRUCTOR TRAINING

- 2021 Research and teaching internship at the Faculty of Organization and Management of the Silesian University of Technology «Cognitive technologies», certificate №1.dz.ROZ2/41/20/21.
- 2019 – 2021 Participation in the international and science project «Cognitive technologies and artificial intelligence» (2019 - 2021) with the support of: European Funds the Republic of Poland, the European Union (European Social Fund).
- Sept.2018 International postgraduate practical internship «New and innovative teaching methods» in the University of Economics in Krakow, Poland, Krakow, certificate № 2025/MSAP/2018.
- 2018 Program of Advanced Training Course in «Management and Economics», Institute for International Cooperation Development, Poland, Poznan, certificate № № 0100107.

MEMBERSHIPS

- 2021–present Member of the Public Council for Urban Development, architecture, construction and housing policy at the Committee of the Verkhovna Rada of Ukraine on Issues organizations of state power, local self-government, regional development and urban planning.
- 2020–present Expert of the Ministry of Education and Science of Ukraine (evaluation of scientific projects of young scientists).

CONFERENCES ORGANIZATION AND COMMITTEE WORK

- Chair, Economics session: International Scientific-Practical Conference of young scientists "Build-Master-Class", Kyiv National University of Construction and Architecture, Kyiv, Ukraine, 2017-2022.
- Conference Organizer, International scientific and technical conference "Effective technologies in construction", Kyiv National University of Construction and Architecture, Kyiv, Ukraine, 2017-2022.

PUBLICATIONS

Monographs

- Klymchuk M., Tkachenko V. (2021) Cognitive Technologies as a Determinant of the Economic Transformation Process and Energy Efficiency of the Economy: Monograph. Kyiv, Foliant publishing house. – 201 p.
- Klymchuk M., Guzhva I. (2021) Digitalization, Energy Saving and Innovation in Public and Private Sectors.: Monograph. – Kyiv, Foliant publishing house. - 200 pages.

Refereed Journal Articles

- 1.Klymchuk M. (2021) Recursive and convergence methodology of the investment management of the enterprise digitalization processes. Management Systems in Production Engineering, <https://www.scopus.com/record/display.uri?eid=2-s2.0-85099497947&origin=resultlist>
- 2.Klymchuk M.(2019) The Economic-Mathematical Development of Buildings Construction Model Optimization on the Basis of Digital Economy. Management Systems in Production Engineering, 27(2), pp. 119–123. <http://dx.doi.org/10.1515/mspe-2019-0020>
- 3.Klymchuk M.(2019) Forecasting analytic model of construction energy cluster development in Ukraine. <http://dx.doi.org/10.29119/1641-3466.2019.140.31>
- 4.Klymchuk M. (2022) Economic and Management adaptation of Industrial Enterprises in The Post-War Period on The Basis of Digital Transformation. [https://doi.org/10.52058/2786-5274-2022-6\(8\)-306-318](https://doi.org/10.52058/2786-5274-2022-6(8)-306-318)
- 5.Klymchuk M. (2021) Compensatory Financing of Energy-Efficient Projects in Construction: Modification of «TAX INCREMENT FINANCING». Economic bulletin of National technical university of Ukraine «Kyiv polytechnic institute». DOI: <https://doi.org/10.20535/2307-5651.19.2021.240445>
- 6.Klymchuk M. (2022) Methodology for Managing Investment Processes of Digitalization of the Economy. DOI: <https://doi.org/10.31649/ins.2022.1.20.33>
- 7.Klymchuk M. (2020) Concept of Innovative Marketing in Management of Enterprise. Jour of Adv Research in Dynamical & Control Systems. DOI: 10.5373/JARDCS/V12SP7/20202116
- 8.Klymchuk M. (2020) Theoretical and methodological basis of cognitive economics formation. Abstracts of V International Scientific and Practical Conference. Oslo, Norway.
- 9.Klymchuk M. (2020) International experience of implementation of cognitive technologies of the higher education system Abstracts of VI International Scientific and Practical Conference. Milan, Italy. DOI: 10.46299/ISG.2020.II.VI