

ISSN 2409-9260 (Print)  
ISSN 2415-3869 (Online)

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
ODESSA NATIONAL ECONOMIC UNIVERSITY  
ALL-UKRAINIAN ASSOCIATION OF YOUNG SCIENTISTS

**SCIENTIFIC BULLETIN**  
*of Odessa National Economic University*  
Collection of Scientific Works

**№ 1-2 (302-303), 2023**

Published 10-12 times a year (5-6 issues) • Founded in December 1994

Odessa  
2023

## EDITORIAL BOARD

### *Editor-in-Chief*

**Kovalenko Victoria**, D.Sc. (Economics), Professor, Professor, Department of Banking, Odessa National University of Economics, Ukraine

### *Deputies of Editor-in-Chief*

**Slatvinska Maryna**, Dr. Sc. (Econ.), Prof., Odessa National Economic University, Ukraine,

**Litvinov Oleksandr**, Dr. Sc. (Econ.), Assoc. Prof., Odessa National Economic University, Ukraine,

### *Proofreader editor*

**Kulikova Yelizaveta**, lecturer, specialist of the 1st category, Odessa National Economic University, Ukraine

**Ambrose Marian** Cand. Sc. (Phil.), Assoc. Prof., College of International Business ISM Slovakia in Prešov (Slovakia), **Bozhinova Mariyana**, Dr. Sc. (Econ.), Prof., D.A. Tsenov Academy of Economics, Republic of Bulgaria, **Bukhtiarova Alina**, Cand. Sc. (Econ.), Assoc. Prof., Sumy State University, Ukraine, **Valihura Volodymyr**, Cand. Sc. (Econ.), Assoc. Prof., West Ukrainian National University, Ukraine, **Vasylychshyn Alexandra**, Dr. Sc. (Econ.), Assoc. Prof., West Ukrainian National University, Ukraine, **Goncharenko Olena**, Dr. Sc. (Econ.), Prof., Odessa National Economic University, Ukraine, **Gorovyi Dmytro**, Doctor of Economics, Professor, National Technical University «Kharkiv Polytechnic Institute», Kharkiv, Ukraine, **Grosu Veronica** Dr. Sc. (Econ.), Prof., Stefan cel Mare University of Suceava, (Suceava, Romania), **Hudz Tetiana**, Dr. Sc. (Econ.), Prof., Poltava University of Economics and Trade, Ukraine, **Ermakova Olga**, Dr. Sc. (Econ.), Prof., Institute of Market Problems And Economic-Ecological Research of the NAS of Ukraine, **Zhavoronok Artur** Cand. Sc. (Econ.), Assoc. Prof., Yuriy Fedkovych National University, Ukraine, **Zherdetska Liliia**, Dr. Sc. (Econ.), Assoc. Prof., Odessa National Economic University, Ukraine, **Zarotiadis Grigoris** Cand. Sc. (Econ.), Assoc. Prof. Aristotle University of Thessaloniki, Greece, **Zbritskaya Tatiana** Cand. Sc. (Econ.), Assoc. Prof., Odessa National Economic University, Ukraine, **Zelenka Vladimir**, Cand. Sc. (Econ.), Assoc. Prof., University of economics Prague, Czech Republic, **Ketners Karlis**, Dr. Sc. (Econ.), Prof., BA School of Business and Finance, Republic of Latvia, **Kuzina Ruslana** Dr. Sc. (Econ.), Prof., Odessa National Economic University, Ukraine, **Kuznetsova Inna**, Doctor of Economics, Professor, Head Department of Management, Odessa National Economics University, Ukraine, **Laiko Oleksandr**, Dr. Sc. (Econ.), Senior Scientific Associate, Institute of Market Problems And Economic-Ecological Research of the NAS of Ukraine, **Lokhanova Nataliia**, Dr. Sc. (Econ.), Prof., Odessa National Economic University, Ukraine, **Marks-Bielska Renata**, Cand. Sc. (Econ.), Assoc. Prof., University of Warmia and Mazury in Olsztyn, Poland, **Medzhibovcka Nataliia** Dr. Sc. (Econ.), Prof., Odessa National Economic University, Ukraine, **Melnik Leonid Vasyliovych** Dr. Sc. (Econ.), Assoc. Prof., National University of Water Management and Environmental Sciences, Ukraine, **Mikhalechuk Kamelia-Katalina**, Cand. Sc. (Econ.), Assoc. Prof., Stefan cel Mare University of Suceava (Suceava, Romania), **Murshudli Fakhri Fuad** Ph.D. (Econ.), Doctoral student of the Department of finance and Financial Institutions, Azerbaijan State University of Economics, Azerbaijan, **Nezdoymynov Sergii** Cand. Sc. (Econ.), Assoc. Prof., Odessa National Economic University, Ukraine, **Onyshchenko Svitlana**, Dr. Sc. (Econ.), Prof., National University «Yuri Kondratyuk Poltava Polytechnic», Ukraine, **Panteleeva Nataly** Dr. Sc. (Econ.), Prof., Cherkasy Research and Training Institute of the University of Banking, Ukraine, **Semenova Valentyna**, Dr. Sc. (Econ.), Prof., Odessa National Economic University, Ukraine, **Slobodianyuk Yuliia**, Dr. Sc. (Econ.), Assoc. Prof., Kyiv national economic university named after Vadym Hetman, Ukraine, **Smentyna Nataliia**, Dr. Sc. (Econ.), Prof., Odessa National Economic University, Ukraine, **Tulvinschi Mikhaela** Cand. Sc. (Econ.), Assoc. Prof., Stefan cel Mare University of Suceava (Suceava, Romania), **Ukhanova Inna** Cand. Sc. (Econ.), Assoc. Prof., Odessa National Economic University, Ukraine, **Khomutenko Alla**, Dr. Sc. (Econ.), Assoc. Prof., Odessa National Economic University, Ukraine, **Ciubotariu Marius** Cand. Sc. (Econ.), lecturer, Stefan cel Mare University of Suceava (Suceava, Romania), **Shykina Olga** Cand. Sc. (Econ.), Assoc. Prof., Odessa National Economic University, Ukraine, **Sheludko Sergii**, Cand. Sc. (Econ.), Assoc. Prof., Odessa National Economic University, Ukraine, **Shkolnik Inna** D.Sc. (Economics), Professor, Sumy State University, Ukraine

#### **International Abstracting and Indexing:**

Index Copernicus International (ICV 2021: 75.22).  
Google Scholar (h-index - 10).  
Open Ukrainian Citation Index (OUCI). CrossRef.  
Dimensions.  
Reference database «Ukrainika Naukova».  
Ukrainian abstract journal «Dzherelo».  
Vernadsky National Library of Ukraine.  
Electronic repository of the Odessa National Economic University.

#### **Founder and publisher:**

Odessa National Economic University

#### **Certificate of State Registration of the Print Media:**

Series KV No. 20991-10791PR dated August 18, 2014 (re-registration)  
**Included in the category "B" in the "List of scientific professional publications of Ukraine" in which the results of dissertations for the degree of Doctor of Sciences and Candidate of Sciences can be published** on the basis of the direction of the Ministry of Education and Science of Ukraine from 02.07.2020 № 886

#### **Editorial and publisher address:**

18, Hoholia str., room 110, Odessa, 65082, Odessa National Economic University, Scientific and editorial department,  
tel. (\*38048) 777-89-16  
e-mail: visnik.nauka@oneu.edu.ua  
website: <http://n-visnik.oneu.edu.ua/index.php>

© Odessa National Economic University, 2022