

JEL Classification: E01, F63, F64, Q01, Q57

Andrii Verstiak, Candidate of Economic Sciences, Associate Professor,
<https://orcid.org/0000-0002-8090-1233>
Yuriy Fedkovych Chernivtsi National University,
Chernivtsi

Oksana Verstiak, Candidate of Economic Sciences,
Associate Professor,
<https://orcid.org/0000-0002-4222-4964>
Chernivtsi Institute of Trade and Economics of KNUTE,
Chernivtsi

ECOLOGICAL AND ECONOMIC GROWTH: A DISCOURSE OF GLOBAL INITIATIVES AND CONCEPTS

Summary

Ukraine has chosen the path of European integration by signing the Association Agreement between Ukraine and the EU in 2014, thus setting itself on the path to implementing ambitious and complex reforms, the overarching goal of which is to achieve economic growth and to improve the quality of life of citizens. At the same time, the process of convergence is the basis of the European integration model, and economic growth, being the basis of this process, is accompanied by a negative impact on the environment.

The article analyzes the impact of economic growth on the environment. It explores the relationship between economic development and the environment which can be pictured as a casual cycle diagram. The concepts, policies, initiatives and other documents aimed at ensuring environmental and economic development are analyzed. The terminological apparatus of ecological and economic growth has been enlightened. A definition of "green growth" has been introduced by international organizations. Forms of economic development influencing the environment are analyzed. An hourly diagram of the evolution of ecological and economic concepts has been developed.

Practical significance. One of the practical advantages of the work is a proposed diagram illustrating the interdependence of the growth cycles in consumption, economy, resource depletion and the environment. This study proves that sustainable development and "green growth" are various concepts, and the latter does not contain a social component and is based only on environmental and economic components.

Based on a terminological discourse of global initiatives for ecological and economic growth, the authors have promoted a dispute regarding a significant difference in terms of growth and development, requiring further research.

Keywords: sustainable development, integration, ecological and economic growth, economic growth, an environment.

Number of sources – 26; number of tables – 1; number of drawings – 4.

References:

1. Soubbotina, T. (2004). Beyond Economic Growth : An Introduction to Sustainable Development. URL: http://www.worldbank.org/depweb/english/beyond/beyondco/beg_all.pdf (Accessed 08 December 2021 p.).
2. Chervyakov, I.M. (2015). Ekonomichnyy rozvytok, ekonomichne zrostannya i faktory, yaki strymuyut' ekonomichne zrostannya Ukrayiny [Economic development, economic growth and factors that constrain the economic growth of Ukraine]. Investments: practice and experience, vol. 6, pp. 99–102 (in Ukr.).
3. Платформа знань цілей сталого розвитку. United Nations. URL: <https://sustainabledevelopment.un.org/index.php?menu=1629&str=green+growth> (Accessed 08 December 2021 p.) (in Ukr.).
4. Pearce, D., Markandya, A., Barbier, E. (1989). For a Green Economy. Blueprint 1. 208 p.

5. Pearce, D. (1991). *Greening the World Economy. Blueprint 2.* 240 p.
6. Pearce, D. (1994). *Measuring Sustainable Development. Blueprint 3.* 240 p.
7. Atkisson A. *Life Beyond Growth.* (2012) The history and possible future of alternatives to GDP-measured Growth-as-Usual. OECD Global Forum on Measuring Well-Being for Development and Policy Making" New Delhi. URL: <https://sustainabledevelopment.un.org/index.php?page=view&type=400&nr=692&menu=35> (Accessed 08 December 2021 p.).
8. UNEP. (2010) *Green Economy Initiative: Linkages to Sustainable Consumption and Production.* URL: <http://www.unep.fr/scp/Marrakech/pdf/SCPGE%20Workshop%20presentation%20Steven%20Stone.pdf> (Accessed 08 December 2021 p.).
9. Green Economy Coalition (2010). *Green, Fair and Productive: How the 2012 Rio Conference Can Move the World Towards Sustainability.* URL: http://www.greeneconomycoalition.org/sites/default/files/documents/GEC_Rio2012_0510.pdf (Accessed 08 December 2021 p.).
10. International Chamber of Commerce (2012). *Green Economy Roadmap. A Guide for Business, Policymakers and Society,* vol. 213-18/8.
11. Endl, A., Sedlacko, M. (2012). *National Sustainable Development Strategies – What Future Role with Respect to Green Economy?* UNCSD Side Event Policy Brief, European Sustainable Development Network (ESDN), Vienna.
12. Lane, R. (2010). *The Crisis from the Point of View of Evolutionary Economics.* *International Journal of Social Economics,* vol. 37(6), pp. 466–471.
13. European Green Course is not about ecology. URL: <https://www.ukrinform.ua/rubric-world/3176901-evropejskij-zelenij-kurs-ne-pro-ekologiu.html> (Accessed 08 December 2021 p.) (in Ukr.).
14. Representation of Ukraine to the European Union. *European Green Course.* URL: <https://ukraine-eu.mfa.gov.ua/posolstvo/galuzeve-spivrobotnictvo/klimat-yevropejska-zelena-ugoda> (Accessed 08 December 2021 p.) (in Ukr.).
15. Schally, H. (2020) *The European Green Deal: delivering the European Commission's ambitions to decouple resource use from economic growth.* URL: <https://www.oneplanetnetwork.org/european-green-deal-delivering-european-commissions-ambitions-decouple-resource-use-economic-growth> (accessed 08 December 2021 p.).
16. Geissdoerfer, M., Savaget, P., Bocken, N., Hultink, E.J. (2017). *The Circular Economy – A new sustainability paradigm?* *Journal of Cleaner Production,* vol. 143, pp. 757–768.
17. Kneese, A. (1988). *The Economics of Natural Resources.* *Population and Development Review,* vol. 14, pp. 281-309.
18. Giampietro, M. (2019). *On the circular bioeconomy and decoupling: implications for sustainable growth.* *Ecological Economy,* vol. 162, pp 143–156.
19. Weetman C. (2016). *A circular economy handbook for business and supply chains : repair, remake, redesign, rethink.* London, United Kingdom: Kogan Page, pp. 25.
20. Ghisellini, P., Cialani, C., Ulgiati, S. (2016). *A review on circular economy : the expected transition to a balanced interplay of environmental and economic systems.* *J. Clean. Prod,* vol.114, pp. 11–32.
21. Schroeder, P., Anggraeni, K., Weber, U. (2019). *The relevance of circular economy practices to the sustainable development goals.* *J. Ind. Ecol.,* vol. 23 (1), pp. 77–95.
22. Sehnem, S., Jabbour, C.J.C., Pereira, S.C.F., de Sousa Jabbour A.B.L. (2019). *Improving sustainable supply chains performance through operational excellence: circular economy approach.* *Resources, Conservation & Recycling,* vol. 149, pp. 236–248. URL: https://pesquisa-eaesf.fgv.br/sites/gvpesquisa.fgv.br/files/arquivos/improving_sustainable.pdf (Accessed 08 December 2021 p.).
23. Demaria, F., Schneider, F., Sekulova, F., Martinez-Alier, J. (2013). *What is degrowth? From an activist slogan to a social movement.* *Environmental Values,* vol.22 (2), pp. 191–215 (Accessed 08 December 2021 p.).
24. Büchs, M., Koch, M. (2017). *Postgrowth and Wellbeing: Challenges to Sustainable Welfare.* Springer. URL: https://www.researchgate.net/publication/321520493_Postgrowth_and_Wellbeing_Challenges_to_Sustainable_Welfare (Accessed 08 December 2021 p.) (in Ukr.).
25. Birsan, K. *Anti-growth - ecological metabolism?* URL: https://cedos.org.ua/researches/degrowth-an-environmental-metabolism/#politiki_evropejskogo_souzu_dla_realizacii_u_krainah_shidnogo_partnerstva (Accessed 08 December 2021 p.).

26. Cosme, I., Rui, S., O'Neill, D. (2017). Assessing the degrowth discourse: A review and analysis of academic degrowth policy proposals. *Journal for Cleaner Production*, vol. 149, pp. 321-334 (in Ukr.).