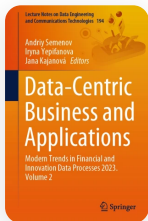


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Assessment of the Efficiency of Decentralization Transformations in the Rural Areas of Ukrainian Western Polissia: Current Trends and Challenges Under the Conditions of Martial Law

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Data-Centric Business and Applications



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Abstract

The purpose of the study is to identify modern trends and regional features and assess the effectiveness of decentralization transformations in rural areas of the Western Polissia of Ukraine. The object of the study is the process of identifying regional features and determining the degree of influence of the factors on the effectiveness of the above-mentioned transformations in the United Territorial Communities (UTCs) of the Volyn, Zhytomyr, Rivne, and Chernihiv regions, the analysis of existing challenges in the conditions of martial law. According to the results of the conducted multifactorial correlation-regression analysis, it was established that the general profitability of territorial communities is influenced by the profitability of community lands, local taxes and fees, fiscal return of the territory; expenses of the general fund, expenses for maintenance of the management apparatus from the calculation; capital expenditures and the amount of subsidies (official transfers, basic subsidy). It was found that in recent years, the system of local budgets, as one of the most important tools of the organizational and economic mechanism of ensuring sustainable rural development in UTCs, has undergone fundamental transformations from its participants and due to the change of financial sources of local self-government bodies of various levels. It was established that the result of the decentralization reform in the rural areas of Western Polissia was an increase in the interest of local self-government bodies in increasing revenues to local budgets, finding reserves to fill them, and improving the efficiency of tax and fee administration.

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References

1. Number of Administrative and Territorial Units by Regions of Ukraine. Accessed 25 Jan 2023 from https://www.ukrstat.gov.ua/operativ/operativ2016/ds/ator/ator2017_u.htm
2. Savchuk, P.P., Sokolova, A.O., Polishchuk, M.O., Gonta, N.A.: Modern realities and assessment of decentralization transformations in rural areas: regional aspect. In: Development trends of the world agriculture in the XXI-st century: the view of the modern scientific community, pp. 234–257. Baltija Publishing, Riga, Latvia (2022). <https://doi.org/10.30525/978-9934-26-203-6-10>.
3. Tymoshenko, M.M.: The Strategy of Sustainable Development of Rural Areas of Ukraine and the Economic Mechanism of its Implementation: Monograph. Publisher O.O. Yevenok, Zhytomyr (2018)
4. Khomiuk, N.: Decentralization as a factor diversification of development of rural territories. Econ. J. Lesya Ukrainka Eastern Euro. Natl. Univ. 1(17), 85–91 (2019). <https://doi.org/10.29038/2411-4014-2019-01-85-91>

[Google Scholar](#)

5. Resolution of the Verkhovna Rada of Ukraine No. 807-IX dated 17.07.2020 “On the Formation and Liquidation of Districts”. Accessed from <https://zakon.rada.gov.ua/laws/show/807-20#Text>

 6. Decentralization: Official state website of Ukraine. Accessed 10 Feb 2023 from https://decentralization.gov.ua/newrayons?area_id=&sort_by_otg_count=&sort_by_villages_count=&sort_by_square=&sort_by_population=

 7. Monitoring of the Reform of Local Self-government and Territorial Organization of Authority (2022). Ministry of Development communities and territories of Ukraine. Accessed from <https://decentralization.gov.ua/uploads/library/file/800/10.01.2022.pdf>

 8. Titenko, Z.: Budgetary decentralization as a factor for the rural development of rural areas of Ukraine. Agrosvit 7, 87–91 (2020). <https://doi.org/10.32702/2306-6792.2020.7.87>
- [Article](#) [Google Scholar](#)
9. Peculiarities of the Budget Process Under Martial Law. Accessed 17 Feb 2023 from <https://decentralization.gov.ua/news/14654>

10. Parliament Adopted Amendments to the Budget Code Regarding Local Budgets Under Martial Law (9.07.22). Association of Cities of Ukraine. Accessed from <https://auc.org.ua/novyna/parlament-pryynyav-zminy-do-byudzhetnogo-kodeksu-shchodo-miscevyh-byudzhetiv-v-umovah-diyi>
11. Riabokon, V.P.: Decentralization is the way to rural development in Ukraine. Econ. Agro-Ind. Complex: Int. Sci. Prod. J. 1, 6–17 (2020). <https://doi.org/10.32317/2221-1055.202001006>
12. Khomiuk, N., Hrytsiuk, P.: Analysis of the united territorial communities` economic activities effectiveness in the regions of Ukraine. Sci. Notes Ostroh Acad. Natl. Univ. Econ. Ser. 14(42), 45–53 (2019). [https://doi.org/10.25264/2311-5149-2019-14\(42\)-45-53](https://doi.org/10.25264/2311-5149-2019-14(42)-45-53)
13. Kachniarz, M.: Bogactwo Gmin–Efekt Gospodarności Czy Renty Geograficznej? Ekonomia 5(17), 81–94 (2011). Wydawnictwo Uniwersytetu Ekonomicznego we Wrocławiu. https://dbc.wroc.pl/Content/25999/PDF/Kachniarz_Bogactwo_gmin_efekt_gospodarnosci_czy_renty.pdf
14. Sokolova, A.O., Honta, N.A.: Correlation-Regression Analysis of the Impact of Decentralization Transformations on the Development of Rural Areas. Priority directions of economic development: Scientific Discussions: materials of the All-Ukrainian scientific and practical conference on May 22. Zhytomyr: Polis National University, 17–22 (2020).

15. Municipality budgets in Ukraine: dashboard (2021). Accessed from <https://decentralization.gov.ua/news/14281?page=3>

16. Semenov, A., Baraban, S., Semenova, O., Voznyak, O., Vydmysh, A., Yaroshenko, L.: Statistical express control of the peak values of the differential-thermal analysis of solid materials. *SSP* 291, 28–41 (2019). <https://doi.org/10.4028/www.scientific.net/SSP.291.28>

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17. Engelhardt-Nowitzki, C., Kryvinska, N., Strauss, C.: Strategic demands on information services in uncertain businesses: a layer-based framework from a value network perspective. In: 2011 International Conference on Emerging Intelligent Data and Web Technologies (2011). <https://doi.org/10.1109/EIDWT.2011.28>

18. Stoshikj, M., Kryvinska, N., Strauss, C.: Service systems and service innovation: two pillars of service science. *Procedia Comput. Sci.* 83, 212–220 (2016). <https://doi.org/10.1016/j.procs.2016.04.118>

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19. Kryvinska, N., Kaczor, S., Strauss, C., Gregus, M.: Servitization strategies and product-service-systems. In: 2014 IEEE World Congress on Services (2014). <https://doi.org/10.1109/SERVICES.2014.52>
20. Borshchevskyi, V., Matvieiev, Ye., Kuropas, I., Mykyta, O.: Territorial Communities Under Martial Law: How to Ensure Effective Management in the Context of Post-war Development Priorities. Public space (2022). Accessed from <https://www.prostir.ua/?news=terytorialni-hromady-v-umovah-vojennoho-stanu-yak-zabezpechyty-efektyvne-upravlinnya-v-konteksti-priorytetiv-povojennoho-rozvytku>
21. Borshchevskyi, V., Mahas, V., Tsimbalista, N.: Development Potential and prospects for revitalization of rural areas in the conditions of modern reforms: scientific and analytical report. Lviv: State Institution “Institute of Regional Research named after M.I. Dolishniy of the National Academy of Sciences of Ukraine”, p. 44 (2017). Accessed from <http://ird.gov.ua/irdp/p20170202.pdf>
22. Rosner, A., Stanny, M.: Socio-economic development of rural areas in poland. Warsaw: EFRWP, IRWiR PAN (2017). Accessed from https://www.irwirpan.waw.pl/dir_upload/site/files/Lukasz/MROW_en_2017.pdf
23. Pavlovych-Seneta, J.P.: Administrative and legal prerequisites for the economic development of united territorial communities under martial Law. Anal. Comp. Jurisprud. 2, 222–226 (2022). <https://doi.org/10.24144/2788-6018.2022.02.42>

24. Patyka, N.I., Bulavka, O.H.: Strategic guidelines and priority directions for sustainable development of rural communities and territories in Ukraine in the context of power decentralization. *Econ. Agro-Ind. Complex: Int. Sci. Prod. J.* 8, 91–102 (2021). <http://eapk.org.ua/en/contents/2021/08/91>

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