



**INTERNATIONAL SCIENTIFIC-
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**TOPICAL ISSUES OF SCIENCE,
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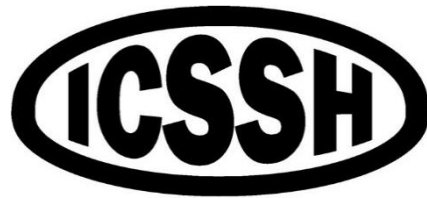
Book of abstracts



May 10, 2024

**Tampere,
Finland**





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URBANIZATION PROCESSES IN UKRAINE IN THE 20TH CENTURY: HISTORICAL AND GEOGRAPHICAL ANALYSIS

Significant changes in the number of urban settlements and urban population occurred during the 20th century. At its beginning, there is a slow increase in the city's inhabitants due to the great losses of people on the fronts of the First World War and civil wars, as a result of repressions and famines. The urban population census of 1926 recorded a slight decrease in the number of urban settlements, this happened due to the streamlining of the criteria for the allocation of towns, for them, in addition to the population size of more than 500 people, a condition was established that no more than half of the self-employed population should be employed in agriculture. Thus, 47 settlements lost the status of cities. At the same time, the category of urban-type settlements was introduced. Since 1924, cities were considered settlements with at least 10,000 inhabitants, and small towns - at least 3,000 inhabitants, if most of them were not employed in agriculture. As a result, many villages turned into towns.

Already in 1926, there were 80 cities and 322 settlements within the Ukrainian SSR, and their number was constantly increasing. 30-40 years of the XX century. characterized by high rates of urbanization, which was a consequence of the industrialization process in the country. At first, residents of villages suffering from the famine (1932-1933) fled to the cities, and later the rural population left for new industrial buildings that required a huge number of workers [2].

Already in 1928, the urban population of Ukraine was more than 6.0 million people, and its share increased by 34.5% (the share of the total population increased by 10%). In 1932, the share of urban residents was 22.7%, the highest was in Donbas - 54% and in Dnipro - 26.5%. A characteristic feature of urbanization in the pre-war period was the emergence of new cities and towns. Only in 1933-1938, 65 settlements received the status of a city, many urban settlements that were territorially close were united into new cities [2].

During the Second World War, there was a significant decrease in the population of cities, as well as the destruction of urban infrastructure throughout the territory of Ukraine. Repopulation of cities occurred both due to natural growth and as a result of

intensive migration of rural residents to cities in the post-war period. This time (50-60s of the 20th century) is characterized by the highest rates of urbanization during the entire period of development of cities in Ukraine. Already in 1959, the network of urban settlements consisted of 332 cities and 744 urban-type villages, and the share of urban residents in the country's population was 45.7% [2]. In 1939-1959, the increase in urban residents 294 was 41.3%. At the same time, both large, medium and small cities grew. But the majority of urban settlements was already occupied by a group of small towns (87%), where 1/3 of the city's inhabitants lived. An important feature of urbanization in the 1980s and 1990s. there is the formation of agglomerations - forms of interconnected urban settlement. Such forms were formed as a result of the merger of territorially close urban settlements. They cover the big city (the agglomeration core) and the cities that gravitate towards it (satellite cities). Satellite cities are designed to relieve the city by transferring enterprises and institutions from the main city to them, to provide the core of the agglomeration with labor force, to develop close commercial, financial, cultural, and recreational ties with such a core. The main feature of this stage of urbanization is the expansion of the territory of the suburbs, which is the result of the urbanization of the countryside (suburbanization). A suburb is an area immediately adjacent to a city, where the urban lifestyle spreads, where the urban population rests, and the rural population works in the city. The suburb passes into the so-called district, or the zone of influence of a large city (its size is determined by the level of transport development and the size of the socio-economic base of the core). 19 agglomerations were formed in Ukraine, the largest of which are Kyiv, Donetsk, Dnipro, Odesa, Kharkiv, etc. As a result of the intensive development of large cities and related problems (transport, food, environmental, etc.) in the 1980s, there was a need to regulate their development, instead, the development of small cities became a priority.

Stages of the development of Ukrainian cities at the end of the 20th century. change to the stage of evolutionary development, and later to degradation.

The decrease in the population of large cities at the end of the 20th century, in addition to general reasons, occurred in some way due to the resettlement of city residents to rural areas (mainly pensioners who had previously left the villages to work in cities). This became a sign of deurbanization, which generally did not last long and was strengthened at the expense of wealthy residents of large cities. A characteristic feature of deurbanization is the expansion of suburban zones due to the “elite” development of their territory, which occurs against the background of significant degradation of the countryside. In addition to summer cottage settlement areas, which were formed mainly in the 90s of the 20th century, the so-called cottage towns, which are distinguished by the development of infrastructure, a combination of a high level of improvement of buildings with natural landscapes.

References

1. Dotsenko A., 1972. Geohrafichni osoblyvosti protsesu urbanizatsii v Ukraini (XIX-XX st.) [Geographical features of the process of urbanization in Ukraine (XIX-XX centuries).] in: Ukrainskyi istoryko-geohrafichnyi zbirnyk. Vyp.2. Kyiv: Naukova dumka. 46-70 (in Ukrainian).
2. Zastavetska, L., Zastavetskyi, T., Zablotskyi, B., & Dudarchuk, K. (2019). Social and geographical aspects of development of urbanizational process in Ukraine. *Journal of Geology, Geography and Geoecology*, 27(3), 529-536. <https://doi.org/https://doi.org/10.15421/111877>