

Subjectification of UK and Russian Smart Cities

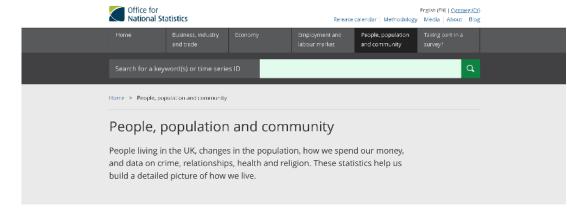
18th – 21st June, 2019

Igonin Aleksandr, Lomonosov Moscow State University

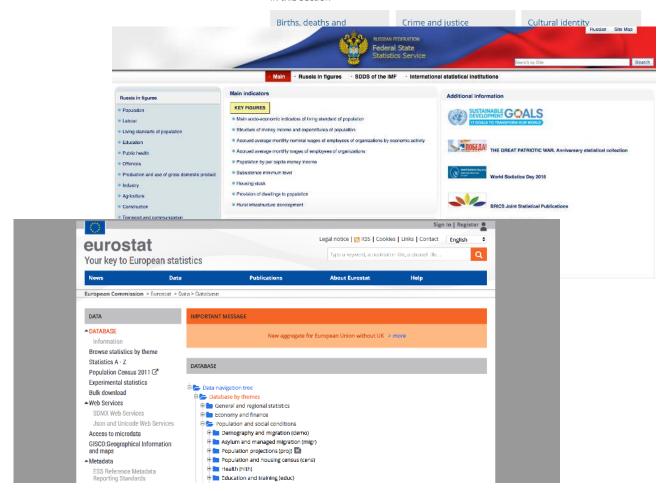


GIS monitoring of the demographic development of Europe and Russia

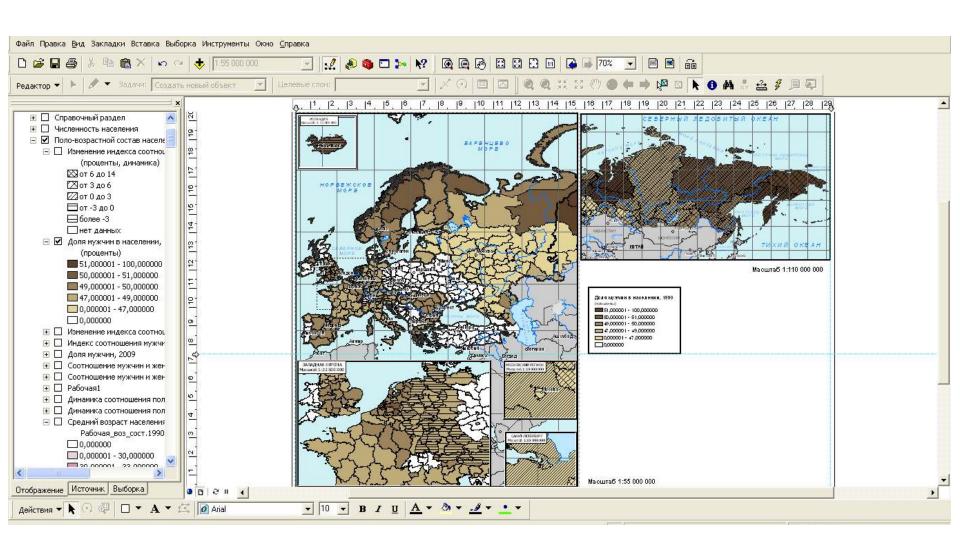
Formation of a common database is one of the key research objectives.
Comparison of data from various sources allows you to perform work with a high level of accuracy.



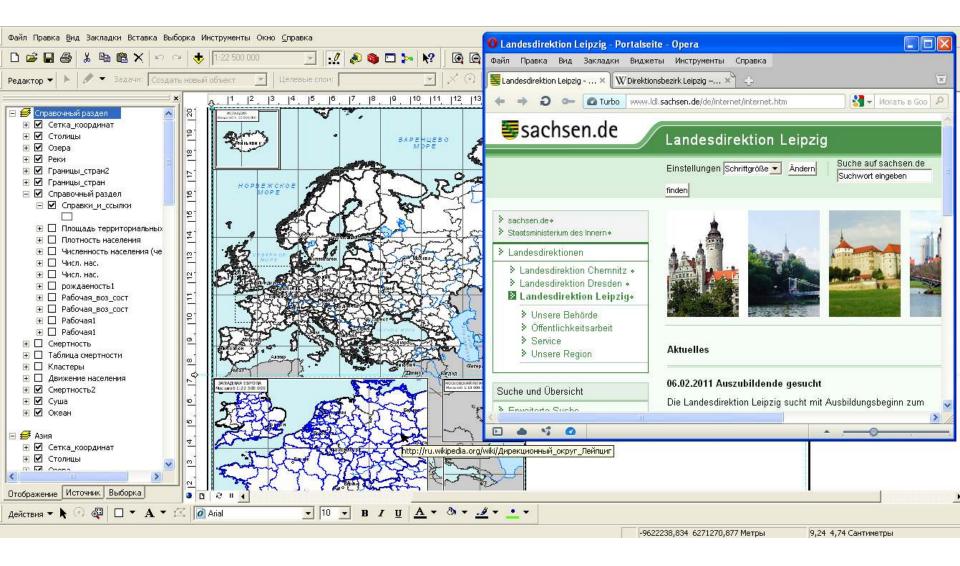
In this section



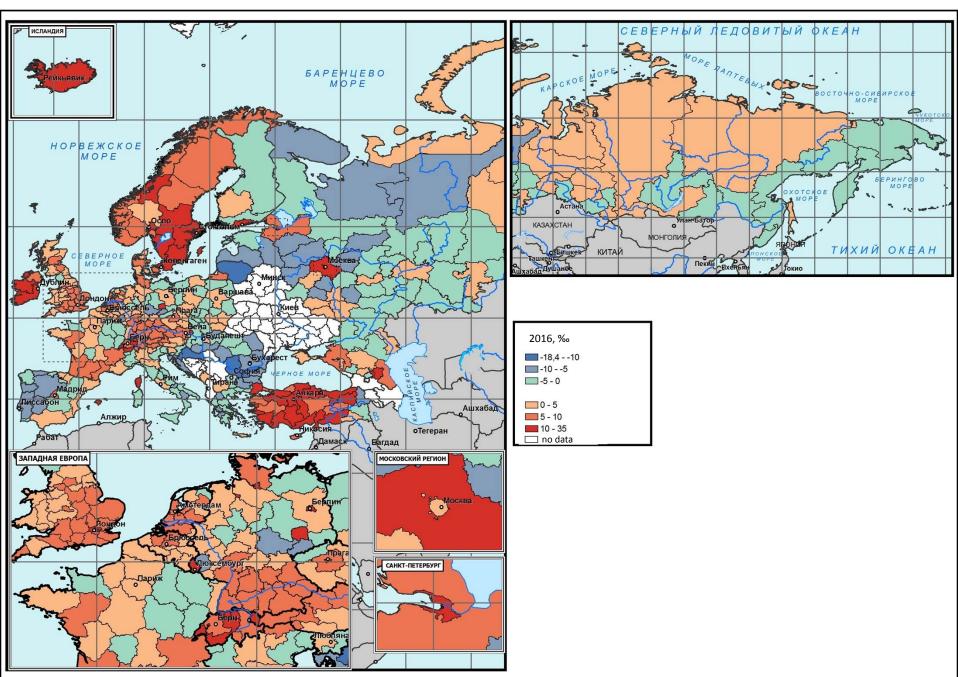
In order to successfully generalize space and standardize, a cartographic visualization system has been developed.



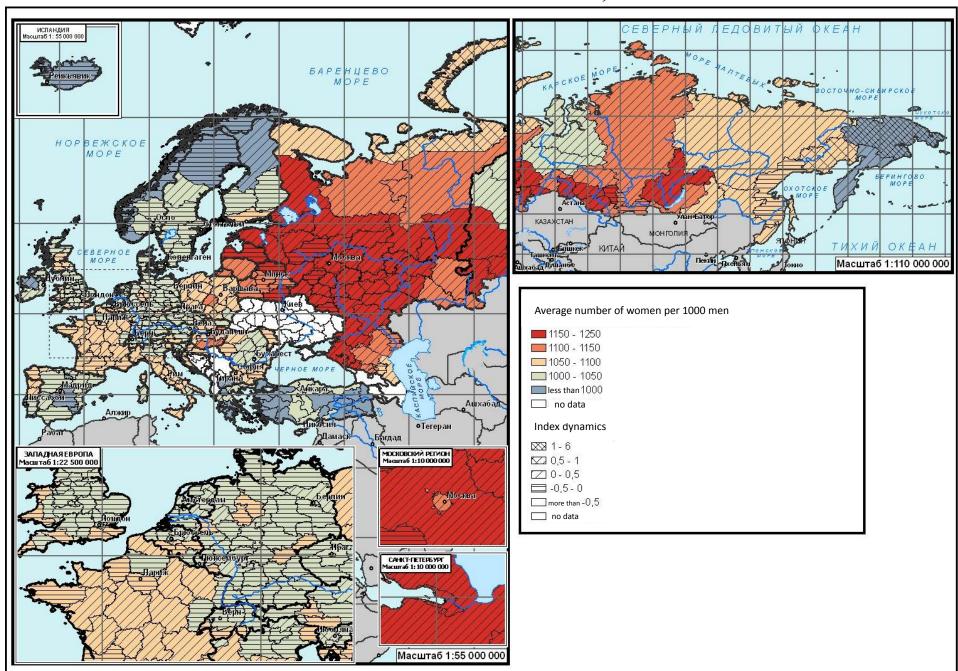
Interface and reference section GIS monitoring of the demographic development of Europe and the Asian part of Russia



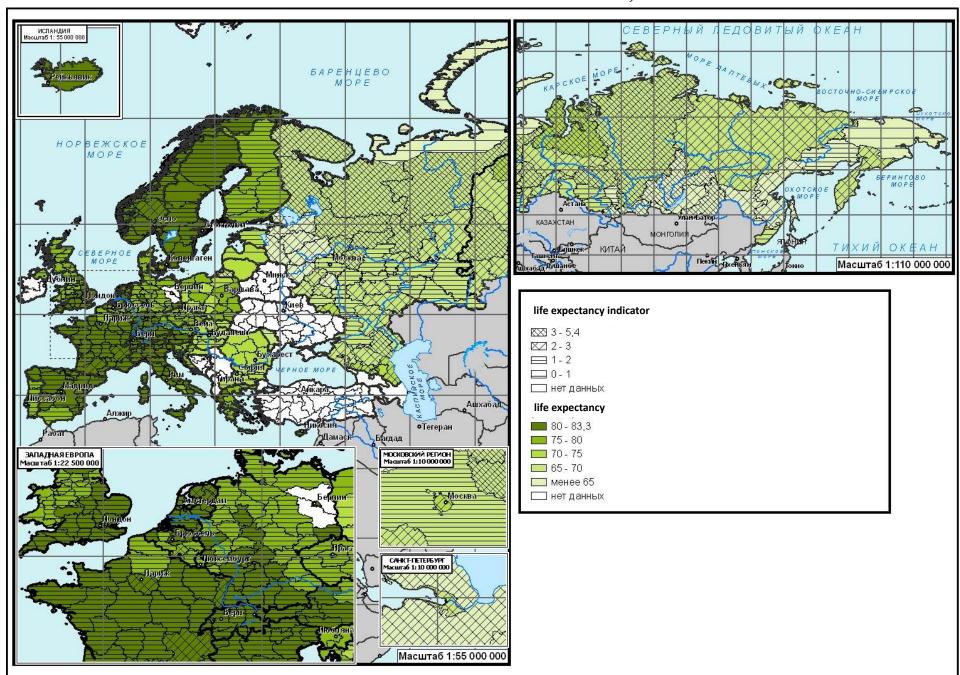
CHANGE OF POPULATION, 2016



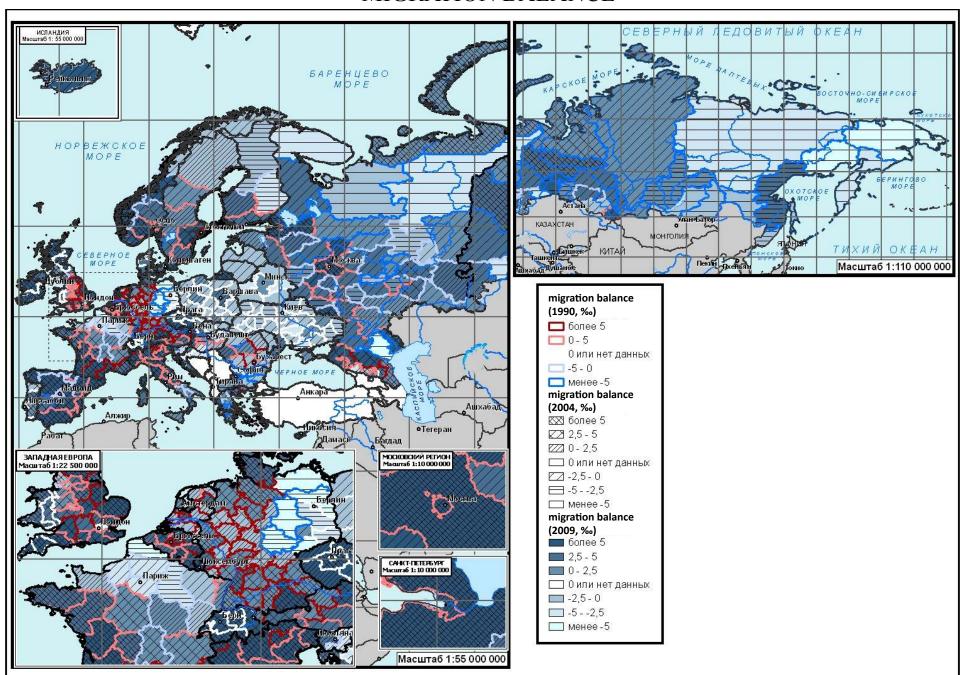
RELATION OF MEN AND WOMEN, 2009



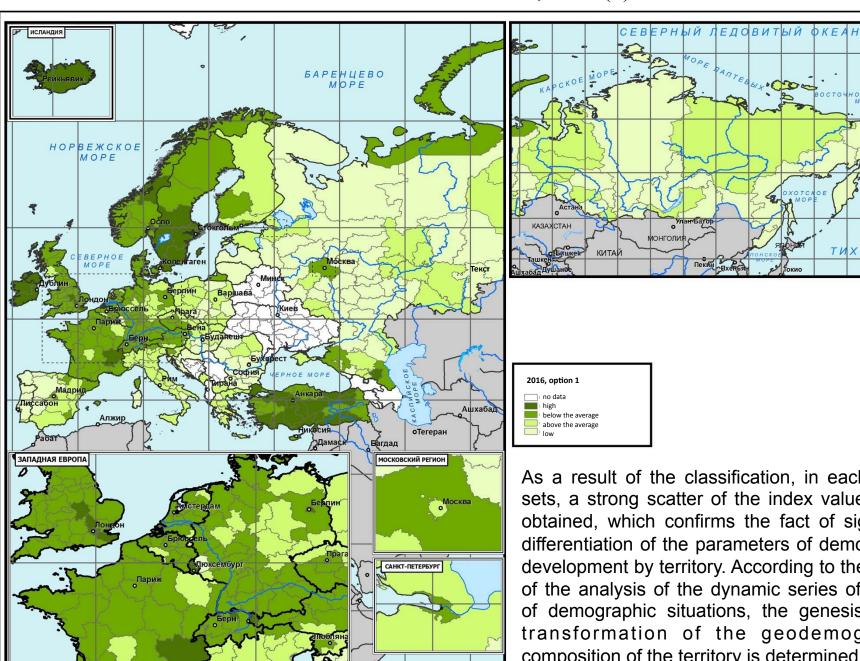
LIFE EXPECTANCY OF POPULATION, 2009



MIGRATION BALANCE



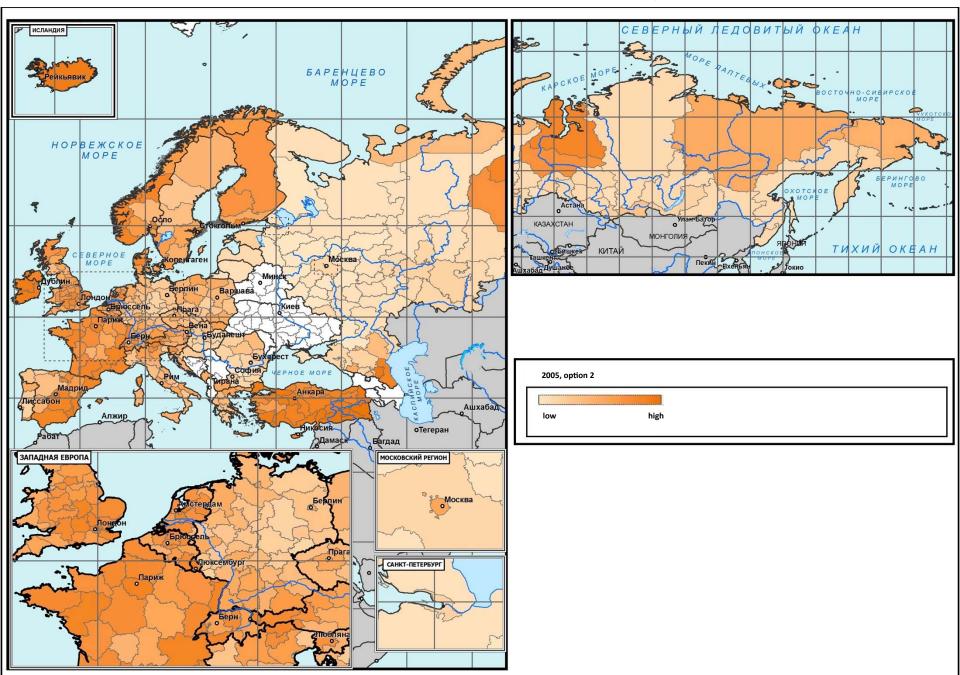
DEMOGRAFIC INDEX, 2016 (1)



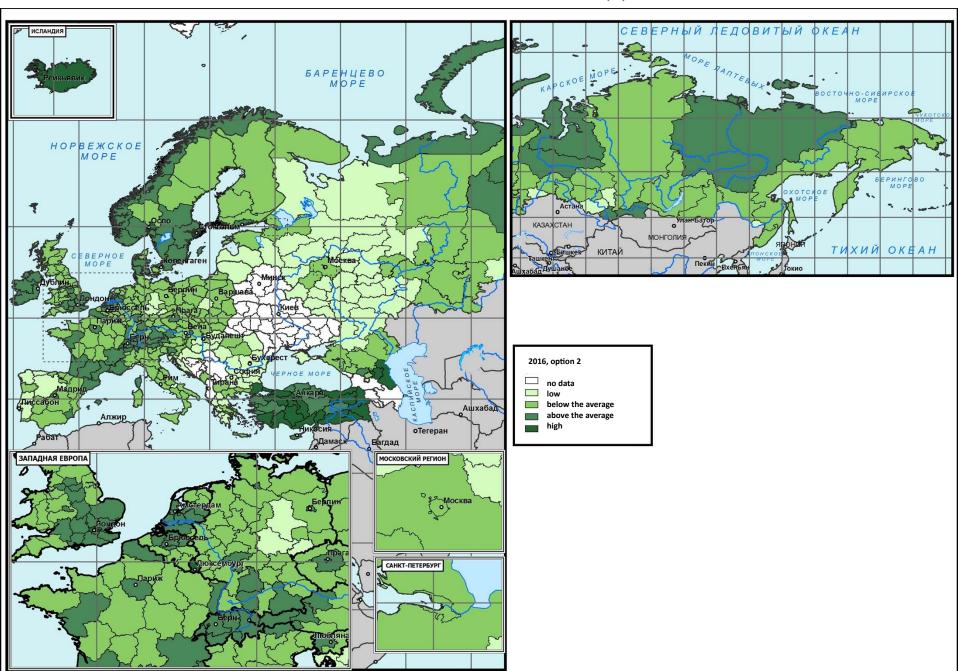
As a result of the classification, in each of the sets, a strong scatter of the index values was obtained, which confirms the fact of significant differentiation of the parameters of demographic development by territory. According to the results of the analysis of the dynamic series of indices of demographic situations, the genesis of the transformation of the geodemographic composition of the territory is determined.

ТИХИЙ ОКЕАН

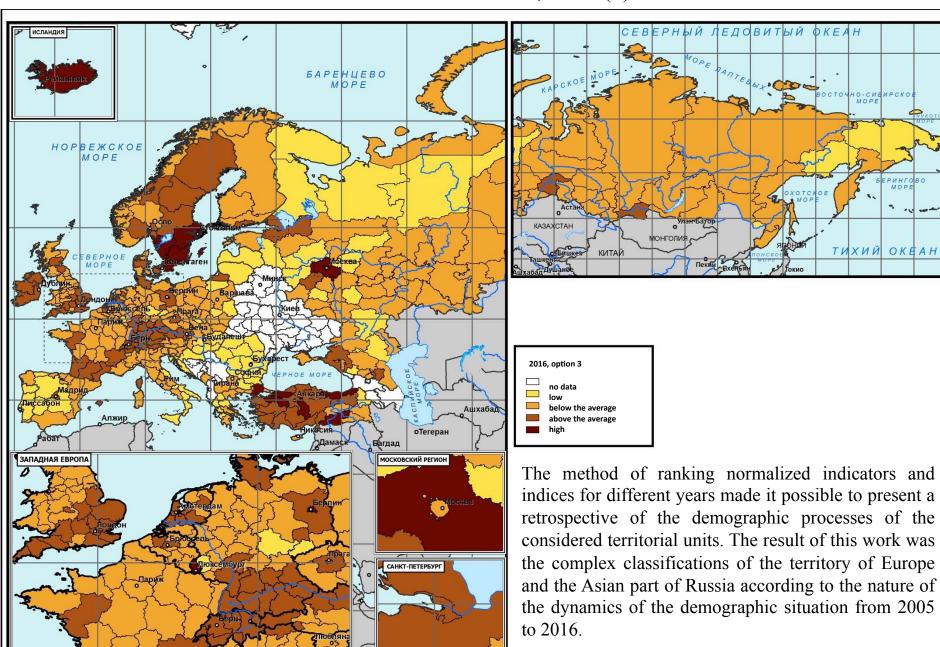
DEMOGRAFIC INDEX, 2005 (2)



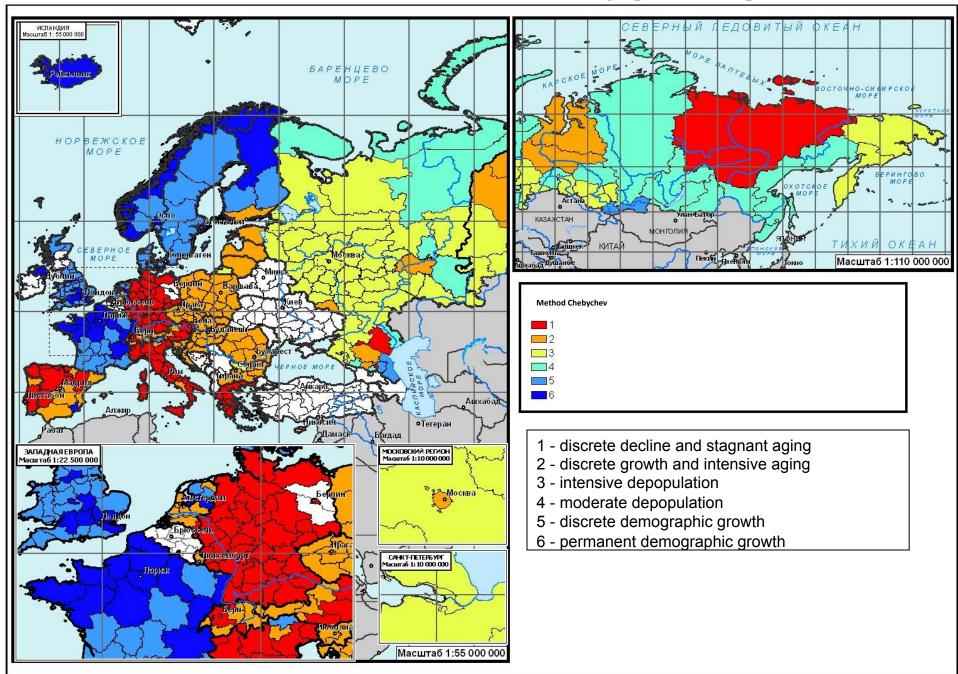
DEMOGRAFIC INDEX, 2016 (2)



DEMOGRAFIC INDEX, 2016 (3)



Cluster model "Basic indicators of demographic development"



The created GIS has shown the effectiveness of its use, in particular for monitoring the demographic development of Europe and the Asian part of Russia, making it possible to analyze the indicators of the demographic development of countries and regions and to obtain a set of geographical conclusions and results.

The method of work in GIS monitoring is applicable for research of geodemographic processes in the cities of Great Britain and Russia. It is geodemographic features of the population that largely determine the development strategy of a smart city.

