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## ASSESSMENT OF POTENTIAL FOR ECONOMIC GROWTH AND DEVELOPMENT OF REGIONS OF SIBERIAN FEDERAL DISTRICT

The article considers the issues of measuring and using the potential of development of regional economies of the Siberian Federal District in order to identify existing specific patterns, trends and peculiarities of socio-economic condition and development of the subjects of the Russian Federation included in the Siberian Federal District. The analysis of the available potential and efficiency of their use allows to give an objective assessment of the potential of development of these regions, to identify the best ways of their further development. The assessment of the level of efficiency of the regional economy and identification of reserves of regional economies of the Siberian Federal District is based on determining the level of potential for socio-economic development of the regions and determining the calculated characteristics of gross regional product on the basis of economic and mathematical modeling. The normalized characteristics of key indicators show significant relative differences between regions. All capacity elements have a significant impact on the gross regional product. The study made it possible to arrange (by characteristics of close communication) the most significant factors (affecting the gross regional product) in a strictly ranked order. Development reserves of regional economies of the Siberian Federal District on deviations between actual and estimated (potential) characteristics of gross regional product have been revealed.

**Keywords:** development potential, structural factor, regional economy, gross regional product, natural resource potential, export, tax revenues, efficiency.

### References

1. Kuznets S. Sovremennyy ekonomicheskiy rost: rezul'taty issledovaniy i razmyshleniy. Nobelevskaya lektsiya [Modern economic growth: results of research and reflection. Nobel Lecture] // Nobelevskiye laureaty po ekonomike: vzglyad iz Rossii [Nobel laureates in economics: a view from Russia] / Ed. Yu. V. Yakovets. St. Petersburg: Gumanistika Publ., 2003. 105 p. (In Russ.).
2. Geras'kin M. I., Porubova P. V. Differentsial'naya model' makroekonomicheskogo rosta s endogennoy tsiklichnost'yu [Differential model of macroeconomic growth with endogenic cyclicity] // Aktual'nyye problemy ekonomiki i prava. *Actual Problems of Economics and Law*. 2017. No. 3 (43). P. 43–55. (In Russ.).
3. Schumpeter Y. Teoriya ekonomicheskogo razvitiya [Theory of economic development]. Moscow: Progress Publ., 2005. 455 p. (In Russ.).
4. Babayev B. D., Dubrovskiy S. P. Ekonomicheskiy rost: rasshirennaya traktovka. Kachestvo ekonomicheskogo rosta [Economic growth extended treatment. Quality of economic growth] // *Ekonomika obrazovaniya. Economics of Education*. 2015. No. 1. P. 33–38. (In Russ.).
5. Sergeev P. V., Kolmykova T. S. O neobodimiyh usloviyah rosta ekonomiki regionov [On the necessary conditions for economic growth in the regions] // *Vestnik Kurskoy*

*gosudarstvennoy sel'skohozyaystvennoy akademii. Vestnik of Kursk State Agricultural Academy*. 2017. No. 5. P. 46–51. (In Russ.).

6. Babkov G. A., Muratova L. I., Ponomarenko S. A. Metodika ekonomicheskikh issledovaniy i raschetov v regional'noy i servisnoy ekonomike [Methodology of economic research and calculations in regional and service economy]. Shahty, 2009. 584 p. ISBN 978-5-93834-461-7. (In Russ.).

7. Regiony Rossii. Sotsial'no-ekonomicheskiye pokazateli [Regions of Russia. Socio-economic indicators]. Moscow: Rosstat Publ., 2018. 1164 p. ISBN 978-5-89476-458-0. (In Russ.).

8. Chelovek i innovatsii. Doklad o chelovecheskom razvitiy Rossiskoy Federatsii za 2018 god [Man and innovation. Human Development Report of the Russian Federation 2018] / Eds.: S. N. Bobylev, L. M. Grigor'yev. Moscow, 2018. 172 p. (In Russ.).

9. Gosudarstvennyy doklad o sostoyanii energosberezheniya i povyshenii energeticheskoy effektivnosti v Rossiyskoy Federatsii v 2017 godu [State Report on the State of Energy Saving and Energy Efficiency Improvement in the Russian Federation in 2017]. Moscow: Minekonomrazvitiya Publ., 2018. P. 108–110. (In Russ.).

10. Sredniy, medianny i modal'nyy uroven' denezhnykh dokhodov naseleniya v tselom po Rossii i po sub'yektam Rossiyskoy Federatsii za 2017 god [Average, median and modal level of monetary income of the population as a whole for Russia and for the constituent entities of the Russian Federation for

2017]. URL: [http://www.gks.ru/free\\_doc/new\\_site/population/bednost/tab1/1-2-6\\_2017.doc](http://www.gks.ru/free_doc/new_site/population/bednost/tab1/1-2-6_2017.doc) (accessed: 05.09.2019). (In Russ.).

11. Rossiya v tsifrakh. 2018. [Russia in numbers. 2018]. Moscow: Rosstat Publ., 2018. 522 p. (In Russ.).

12. Rossiyskiy statisticheskiy ezhegodnik [Russian statistical year-book]. Moscow: Rosstat Publ., 2018. 696 p. (In Russ.).

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