

Natal'ya E. Antonova – Doctor of Economics, chief researcher, the laboratory of resource and industrial economy, the Economic Research Institute of the Far-Eastern branch of the Russian Academy of Sciences (153, Tikhookeanskaya Str., Khabarovsk, Russia, 680042). *E-mail:* antonova@ecrin.rumail.ru

Anna B. Bardal – Candidate of Economics, chief researcher, the laboratory of resource and industrial economy, the Economic Research Institute of the Far-Eastern branch of the Russian Academy of Sciences (153, Tikhookeanskaya Str., Khabarovsk, Russia, 680042). *E-mail:* bardal@ecrin.ru

Mutual influence of the forest and transport complexes of the Far East: background, modern problems and possibilities of development¹

In this article the forest and transport complexes of the region from the positions of their mutual influence at each other are considered. The article is directed to identification of the main aspects of mutual influence of two key complexes of the Far East. Historical digression of their joint formation is given, it is shown that a transport factor together with a factor of external demand promoted concentration of the timber industry production in the most developed areas adjoining the close foreign markets, transport ways that led to exhaustion of resources in these areas. The modern directions of movement and check points of the forest goods abroad are considered, the analysis of capacity of transport infrastructure is made, problems of its functioning which first of all treat a weak permeability of frontier with the People's Republic of China within the Far East and asymmetry of development of transport infrastructure of the export direction are revealed. The possible directions of solution of these problems are considered.

Keywords: the Far East of Russia, forest complex, transport complex, transport infrastructure, mutual influence.

References:

1. Antonova N. E. *Lesnaya politika: regional'nye proyavleniya* [Forest policy: regional responses]. Khabarovsk : RIOTIP, 2010.
2. Antonova N. E., Dyomina O. V., Zaharchenko N. G., Lomakina N. V., Suhomirov G. I. *Ocenka roli resursnogo sektora v ekonomike regiona: primer Khabarovskogo kraja* [Estimating the resource sector role in regional economy: the case of Khabarovsk krai] // Regionalistika [Regionalistica]. 2014, vol. 1, no. 2, pp. 42–70.
3. Bardal' A. B. *Sistema punktov propuska cherez gosudarstvennyu granicu: rossijskij Dal'nij Vostok* [The system of checkpoints across the state border: the Russian Far East] // Vlast' i upravlenie na vostoke Rossii [Power and administration in the East of Russia]. 2018, no. 1 (82), pp. 14–22.
4. Granberg A. G. *Ekonomicheskoe prostranstvo Rossii* [Economic Space of Russia] // Ekonomika i upravlenie [Economics and Management]. 2006, no. 2, pp. 11–15.
5. Levina I. V. *Regional'nye problemy razvitiya lesopromyshlennogo kompleksa* [Regional problems of development of forest industry] // Regional'naya ekonomika: teoriya i praktika [Regional Economics: Theory and Practice]. 2009, no. 7, pp. 12–15.
6. Malov V. YU., Melent'ev B. V. *Ocenka znachimosti transportnogo kompleksa Aziatskoj chasti Rossii v ekonomike strany* [Assessment of the importance of a transport complex of the Asian part of Russia in

¹ The article is prepared with financial support of the Russian Federal Property Fund, project No. 18-010-00312 "A research of influence of the forest and transport complexes against the background of institutional changes".

national economy] // Region: ekonomika i sociologiya [Region: Economics and Sociology]. 2007, no. 4, pp. 59–73.

7. Macheret D. A. *Rol' zheleznodorozhnogo transporta v realizacii ustoichivogo razvitiya ekonomiki* [Role of railway transport in realization of sustainable development of economy] // *Ekonomika zheleznyh dorog* [Economics of Railways]. 2017, no. 2, pp. 16–22.

8. Prokapalo O. M., Najden S. N., Motrich E. L., Bardal' A. B. *Rossijskij Dal'nij Vostok: jekonomicheskie trendy* [Russian Far East: Economic Trends]. Khabarovsk : IEI DVO RAN, 2017.

9. Sokolov S. *Pronicaemost' granic kak pokazatel' transportno-geograficheskogo polozheniya* [Permeability of borders as indicator of a transport geographical location] / In: International Forum for Multiple Academic Disciplines: Conference Proceedings. Scientific public organization "Professional science", Dresden, 2017, pp. 31–40.

10. Stepanov A. V., Petrov A. N. *Analiz seti lesovoznyh dorog Respubliki Kareliya* [Analysis of network of forest roads of the Republic of Karelia] // *Uchenye zapiski Petrozavodskogo gosudarstvennogo universiteta* [Proceedings of Petrozavodsk State University] 2014, no. 8–2 (145), pp. 78–81.

11. Sushkov A. S., Burmistrova O. N. *Optimizaciya territorial'nogo raspredeleniya transportnyh potokov v lesnom komplekse* [Optimization of territorial distribution of traffic flows in a forest complex] // *Lesotekhnicheskij zhurnal* [Forestry Engineering Journal]. 2013, no. 2(10), pp. 117–122.

12. Fedichkina E. A., Larkin A. S. *Analiz ehksporta drevesnoj produkci s Dal'nego Vostoka Rossii v 2015 g.* [The analysis of export of wood production from the Far East of Russia in 2015]. Vladivostok: Apel'sin, 2016.

13. Shejngauz A.S. *Prostranstvenno-vremennye izmeneniya intensivnosti promyshlennogo osvoeniya resursov drevesiny v lesah Dal'nego Vostoka Rossii s serediny XIX veka do nashih dnej* [Spatial-Temporal Variations of the Intensity of Timber Resources Development in the Russian Far East from the Mid - 19th Century up to Now] // *Prostranstvennaya Ekonomika* [Spatial Economics]. 2006, no. 3, pp. 74–91.

Reference to the article

Antonova N. E., Bardal A. B. Mutual influence of the forest and transport complexes of the Far East: background, modern problems and possibilities of development // Power and Administration in the East of Russia. 2018. No. 3 (84). Pp. 26–35. DOI 10.22394/1818-4049-2018-84-3-26-35