

CURRICULUM VITAE

1. Full name and date

- ROZHKOVA, Leonid Nikolaevitch
- Man
- Married, 2 children
- November 03, 2022

2. Cited by : Google elibrary

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|-------------|-----|-----|
| • Citations | 638 | 537 |
| • h-index | 11 | 9 |
| • i10-index | 12 | 9 |

3. Education and degrees awarded

- Forestry engineer, Belarusian Forest Technical Institute, Minsk, 1962.
- Candidate of agricultural science, BSTU, Minsk, 1971
- Doctor of agricultural science, BSTU, Minsk, 2001
- Docent of forestry, BSTU, Minsk, 1997
- Professor of forestry, BSTU, Minsk, 2002

4. Current position

- Professor of forestry department, Belarusian Technological University (BSTU), 1967-until present

5. Previous work experience

- Forest inventory engineer, head of forest inventory part, Belarus State Forestry Inventory Enterprise “Belgosles”, 1962-1967
- Scientist, assistant, docent, professor, Belarusian state technological university, 1967-until present

6. Administrative merits

- Dean of forestry faculty, BSTU, 1983-1991
- Head of forestry department, BSTU, 1991-2007

7. Research funding as well as leadership and supervision

- Editorial board, Task manager and Task Force member of Belarus Forestry Strategic Plan on period 2015 (1997) and Strategic Plan of forestry branch development on period 2015-2030(2015).
- Scientific head of State scientific-technical program “Forests of Belarus”, 1997-1998, 2006-2012
- Member of the expert Council of the Higher attestation Commission of Belarus, 2005-2011
- Chairman of the scientific-methodical Council of Educational-methodical Association on education in the field of environmental sciences and forestry, 2003-2017

- Head of the Belarusian party of the Swedish-Belarusian project "Training and workshop on sustainable management of forests". . Project participants : BSTU, Smorgon experimental forestry, Forestry Board in Kristianstad(Sweden),1998.
- Supervisor of more than 250 graduation projects BSTU, 6 masters of forest science at BSTU and 4 candidates of Sciences BSTU (Rigal L. V., Laboha K. V.,Yushkevich, M. V.,Eroshkina I.F.).
- A total of 326 publications, including, 8 textbooks, 6 books, 15 pamphlets, 11 technical normative legal acts for forestry, 110 scientific articles.

8. Awards, prizes and honours

- Medal "For labor achievements" of the Republic of Belarus",2001
 - “Order of Honor”, The Republic of Belarus, 2010
 - Honored worker of education of the Republic of Belarus,2018
 - Excellent worker of education of the Republic of Belarus, 1995
 - Honored Forester of the Republic of Belarus,2015
 - Academician of the International Academy of ecology
- Member of the scientific and technical Council of the Ministry of forestry of the Republic of Belarus and other departments
- Member of the Board BSTU and forestry faculty

9. Main scientific publications List of publications:

Textbooks:

Rozhkov L. N. Ecology with the basics of meteorology. Textbook. - Minsk: BSTU, 1995. - 341p (In Belarusian)

Rozhkov L. N., Laboha K. V. Silvics and forestry. Textbook. - Minsk: BSTU, 2009. - 248p (In Belarusian)

Rozhkov L. N. Silvics and forestry. Diploma textbook. - Minsk: BSTU, 2005. - 178p (In Belarusian)

Rozhkov L. N., Klimchik, G. Y., Shiman D. V. Ecology with the basics of meteorology. Laboratory textbook - Minsk : BSTU, 2007. - 178p (In Belarusian)

Rozhkov, L. N., Eroshkina, I. F. Fundamentals of forestry and forest harvesting. Textbook - Minsk: BSTU, 2015. - 137p (In Belarusian)

The technology of selective logging and natural regeneration of the forest : Uch.-method. allowance / L. N. Rozhkov [et al.]/ L. N. Rozhkov, I. G. Eroshkina, A.S. Krysh, D. G. Malashevich, P. A. Protas. - Minsk: BSTU, 2018.- 180 p. (In Belarusian)

Monographs:

Ecologically Oriented Forestry Development in Belarus in the Context of Climate Change. I.V. Voitau, V.G. Shatravko, N.N. Yurevich, A.V. Lednitski, A.V. Neverov, V.V. Nosnikov, L.N. Rozhkov. Edited by: I.V. Voitau, V.G. Shatravko: – Minsk: BSTU, 2019. – 182 p.

Rozhkov LN Fundamentals of the theory and practice of recreational forest. Monograph.- Mn:BSTU, 2001. - 292 p (In Russian).

Rozhkov LN Environmentally oriented forestry. Monograph.- Mn: BSTU, 2005.- 182 p (In Russian).

Forest Carbon Resources of Belarus / L.N. Rozhkov [et al.] / under the general editorship of L.N. Rozhkov, I.V. Voitau, A.A. Kulik. - Minsk : BSTU, 2018. - 218 p.

Technical regulations:

Rozhkov LN, Steinbock AG The main provisions for the forest inventory and forestry in the resort and recreational areas of the Byelorussian SSR. - Mn .: Lesproekt, 1978. - 100 p (In Russian)

Rozhkov LN Instructions for the organization and conduct of non-clear cutting in the forests of the Republic of Belarus. - Mn., 1998.- 68 p(In Russian).

Rozhkov LN Steinbock AG, Hadarovich AI Method of sustainable ecologically oriented forestry to the formation of indigenous stands on soil-based typological [Scientific and technical information in the forestry sector. Vol. 10.Mn, 2003] - pp.5-32(In Russian).

Rozhkov LN, Dashkevich EA, Kuzmenkov MV, Yanushko AD Regulation on forest management and forest management in the wetland forests. It approved and put into effect by Order of the Ministry of Forestry of the Republic of Belarus, №302 from 05.12.2007 (In Russian).

Rozhkov LN, Kuzmenkov MV, Poplavskaja LF Recommendations on the organization and conduct of forestry in forests with targeted social and environmental functions. Approved and put into effect by Order of the Ministry of Forestry of the Republic of Belarus, №20 from 28.01.2010(In Russian)

Rozhkov LN, Kuzmenkov MV, Krasovsky VL, Abramovich MY Methods of assessing the total and the annual carbon sequestration by forests of the Republic of Belarus. Approved. and put into action by the order of the Ministry of Forestry, №81 of March 28, 2011.-Minsk: BSTU, 2011. (In Russian).

Rozhkov LN, Eroshkina IF, Shatravko AV Guidelines for the preservation of positive balance "Photo-emission" of carbon dioxide by forests of Belarus and use lesouglerodnogo resource in the organization and management of forestry. Approved. and enter. in effect the order of the Ministry of Forestry Republic of Belarus, № 99 from 11.06.2014, (In Russian).

Rozhkov LN Methods of aesthetic appreciation of landscapes lesnoye hozyaystvo.[Forestry 1978, №12]. - pp. 23-26 (In Russian).

Science articles:

Rozhkov LN, BD Zhilkin, VP Grigoriev. Investigation of the effect of lupine on the nitrogen and mineral food eaten agrochimia. [Agrochemicals, №11, 1970]. - p. 14-20. (In Russian).

Rozhkov LN, NT Yushkevich Features of forestry in the system using a non-clear felling. *Trudy BGTU* [BSTU Works, vol. VI, Ser. "Forestry", 1998]. - p. 10-15. (In Russian).

Rozhkov LN Methodological approaches to the management of recreational forest monitoring. *Trudy BGTU*. [Proceedings of the BSTU, Vol. VI, ser. 1 "Forestry", 1998].- pp.29-33. (In Russian).

Rozhkov LN Long-gradual cutting as an effective measure of productivity enhancing wood softwood stands / LN Rozhkov, AF Puzovik, OV Karankevich. *Trudy BGTU*. [Proceedings BSTU. Ser. I, of forest. Hawse-in. - Vol. XVI, 2008].- p. 107-111(In Russian).

Rozhkov LN, Shatravko AV. The carbon balance of forest bogs of Belarus *Trudy BGTU* [Proceedings BSTU. Forestry, 2012, Vol. 1].-pp.111-114 (In Russian).

Rozhkov LN Evaluation of carbon pool and dynamics of carbon flow in the forests of Belarus .*Problemy lesovedeniya i lesovodstva.Sbornic nauchnykh trudov Instituta lesa*. [Problems of Forest and Forestry: Coll. scientific. tr. IL NAS. Vol. 72. - Gomel: Institute of Forest of NAS B, 2012].- pp. 130-141 (In Russian).

Rozhkov L.N. A new look at the division of forests in Belarus. *Ustoychivoye lesopol'zovanye*. [Sustainable Forest Management, 2016, №1],- pp.16-22 (In Russian).

Rozhkov L.N., Eroshkina I.F. Reproduction of the pine formation of Belarus in with the aim of to preserve the mikropopulyations diversity at the edafoklimatops level. *Problemy lesovedeniya i lesovodstva. Sbornic nauchnykh trudov Instituta lesa*. [Problems of Forest and Forestry: Coll. scientific. IL NAS works. Vol. 75. Gomel: Institute of Forest of NAS of Belarus, 2015].- p.126-138 (In Russian).

Rozhkov L.N. Old-growth pine forests: how to save.*Sbornic hauchnykh trudov: Aktual 'nyye problem lesnogo kompleksa*. [Actual problems of forest complex. Coll. scientific. tr., Vol. 41],- Bryansk,2015,- pp.71-76 (In Russian).

Rozhkov L.N. Modern trends in forest management in Belarus. *Ustoychivoye lesopol'zovanye*. [Sustainable Forest Management, 2016, №3],- pp.16-23 (In Russian).

Marsh forests of Belarus in the light of the Paris agreement Rozhkov L.N.. In the collection: *Materials 5th International Water Forum "Water Resources and Climate"* In 2 Volumes Volume 1. 2017. P. 228-233.

Forecast of absorption of atmospheric carbon based on the dynamics of forest management and the forestry Fund of Belarus Rozhkov, L. N., Yeroshkina, I. F. Proceedings of BSTU. Series 1: Forestry, environmental management and processing of renewable resources. 2017. № 2 (198). P. 102-108.

Old-growth pine forests of the Belovezhskaya pushcha: status and prospects for conservation. Rozhkov, L. N. The works of BGTU. Series 1: Forestry, environmental management and processing of renewable resources. 2017. No. 1 (192). P. 14-17.

Forest renewal potential of the Belarusian population of *Picea abies* under current conditions. Rozhkov, L. N., Butkovic V. V. Proceedings of BSTU. Series 1: Forestry, environmental management and processing of renewable resources. 2017. No. 1 (192). P. 18-22.

Not clear cutting and forest regeneration - a single technological process Rozhkov, L. N., Eroshkina, I. F., Klis S. A., Malashevich D. G., Mukhurov L. I. Proceedings of BSTU. Series 1: Forestry, environmental management and processing of renewable resources. 2017. № 2 (198). P. 93-101.

Methodological approaches to the evaluation of the content carbon (absorption / emission) using different ways of felling and forest renewal, removal / not removal of debris. Rozhkov L.N. Proceedings of BSTU. Series 1: Forestry, environmental management and processing of renewable resources. 2019. № 1 (216). P. 17-23.

Carbon balance at the stage of young stands formation in the relation to the method oh the final felling. Rozhkov L.N., Shatravko V.G. Proceedings of BSTU. Series 1: Forestry, environmental management and processing of renewable resources. 2019. № 2 (222). P. 66-73.

The influence of traditional forestry activity on nutrient elements content and flows in *Pineta – Piceeta oxalidosa – pleuroziosa – pteridioza – myrtillosa stands*. Rozhkov L.N., Shatravko V.G. Proceedings of BSTU. Series 1: Forestry, environmental management and processing of renewable resources. 2019. № 2 (222). P. 58-65.

The influence of phytocenotic structure on the renewal of *Picea abies* under the protection of the addictive and spelling plants of Belarus. Rozhkov L.N., Butskavets U.V. Proceedings of BSTU. Series 1: Forestry, environmental management and processing of renewable resources. 2019. № 1 (216). P. 24-30.

Rozhkov, L.N. Dynamics of the formation of pine forests (*Pineta Silvestriae*) of the Republic of Belarus / L.N. Rozhkov, I.F. Eroshkina, V.G. Shatravko // Proceedings of BSTU. Ser. 1, Forestry, environmental management and processing. renewable resources. - Minsk: BSTU, 2022. - No. 2 (258). - pp. 37-48.

Rozhkov, L.N. Domestic and foreign experience in the reproduction of pine formation / L.N. Rozhkov, I.F. Eroshkina // Proceedings of BSTU. Ser. 1, Forestry, environmental management and processing. renewable resources. - Minsk: BSTU, 2022. - No. 1 (252). - P. 43-52.

Recommendations for improving the reproduction and cultivation of the pine forest of Belarus: approved and put into effect by order of the Ministry of Forestry of the Republic of Belarus, 2023. - No. 69 / L.N. Rozhkov, A.V. Tarkan, I.F. Eroshkina [and others]. - Minsk: BSTU, RUE “Belgosles”, 2023. - 20 p.

Rozhkov, L.N. Main species // Forestry and hunting. - 2023: No. 4. - P. 9-16; No. 5. - pp. 14-21.

