

Dr. Orlov Andrei

Current position(s)

Nizhny Novgorod State Technical University RE Alekseeva

Department of Economics and Humanities, Ph.D. in chemistry, Associate Professor

Participation on projects

Member of the projects Tempus IV - 5th call «INARM - informatics and management - Bologna-style Qualification Frameworks», Erasmus+ Jean Monnet projects “Economic Aspects of the Energy efficiency of EU countries” (ECENEF) 599491-EPP-1-2018-1-RU-EPPJMO-PROJECT.

Author and co-author of 2 monographs and 58 scientific articles and conference proceedings.

Competences:

- Modelling and forecasting of energy efficiency of industries and regions of European Union
- Modelling and forecasting of renewable energy indicators of European Union
- Analysis of renewable energy and energy efficiency of the European Union

EDUCATIONAL BACKGROUND:

Please detail all relevant studies

2000 - Nizhny Novgorod State Technical University. RE Alekseeva

Faculty: Faculty of Social and Economic

Speciality: Economics and Management

1991 - Nizhny Novgorod State Technical University. RE Alekseeva

Ph.D. awarded the academic degree of Candidate of Chemical Sciences

1986 - Nizhny Novgorod State Technical University. RE Alekseeva

Faculty: Chemical-Mechanical

Speciality: Technology of basic organic and petrochemical synthesis

WORK EXPERIENCE:

Please include all recent positions which have a direct bearing on European Union studies

2008-nowadays - Associate Professor of Department of Economics and Humanities, NSTU them. R.E. Alekseeva

2001-2008 - Head of the plant of pilot production JSC "Caprolactam-Dzerzhinsk"

2000-2001 - Head of Office supplies business department of JSC "Caprolactam"

2012-2015 - the study of the EU system of higher education in the framework of the Tempus project INARM

PUBLICATIONS:

Please detail all relevant publications

Books:

1. Orlov A.V., Yurlov F.F. Analysis of the status and prospects of development of fuel and energy complex of Russia. Moscow, Publishing House "pen", 2013. - 290 p. ISBN 978-5-91940-793-5

2. Yurlov F.F., Maramohina E.V., Orlov A.V. Evaluating the effectiveness and risks of innovative activity of industrial enterprises. Moscow, Publishing House "pen", 2014. - 244 p. ISBN 978-5-91940-935-9

Articles:

1. Andrei V. Orlov, Aleksandr V. Sulimov, Sergei F. Sergeev, Anna V. Ovcharova / The Impact of Circular Economy Indicators on the Gross Inland Consumption of the Energy of the European Union // WSEAS Transactions on Environment and Development, ISSN / E-ISSN: 1790-5079 / 2224-3496, Volume 15, 2019, Art. #5, pp. 46-56 (Scopus)

2. A.V. Sulimov, A.V. Orlov, S.F. Sergeev, A.V. Ovcharova / THE CIRCULATION ECONOMY OF THE EUROPEAN UNION – THE ECONOMY OF THE FUTURE // ECONOMICS OF STABLE DEVELOPMENT, REGIONAL SCIENTIFIC JOURNAL, 2018, № 4 (36), pp. 74-80 (peer reviewed journal)

3. A.V. Sulimov, A.V. Ovcharova, A.V. Orlov, S.F. Sergeev / DEVELOPMENT STRATEGY: EUROPEAN WASTE MANAGEMENT EXPERIENCE // ECONOMICS OF STABLE DEVELOPMENT, REGIONAL SCIENTIFIC JOURNAL, 2018, № 4 (36), pp. 268-271 (peer reviewed journal)

4. Andrei V. Orlov, Sergei F. Sergeev / FORECASTING PRODUCTION OF RENEWABLE ENERGY SOURCES IN THE EUROPEAN UNION // EURASIAN UNION OF SCIENTISTS Monthly Scientific Journal, № 12 (57) / 2018 Part 2, pp. 48-50 (peer reviewed journal)

5. Andrei V. Orlov, Sergei F. Sergeev / PROSPECTS FOR THE DEVELOPMENT OF RENEWABLE ENERGY SOURCES IN THE EU // EURASIAN UNION OF SCIENTISTS Monthly Scientific Journal, № 12 (57) / 2018 Part 2, pp. 51-57 (peer reviewed journal)

6. Analysis of energy consumption in the European Union / Orlov A.V., Orlov A.A. // International scientific-practical conference "Actual problems of Economics, Management and Innovation": Collection of materials (Nizhny

- Novgorod, 19.11.2015). Nizhny Novgorod, 2015. pp. 276-279.
7. Perspectives and problems the European's Union energy / Orlov A.V., Sergeev S.F. // International scientific-practical conference "Actual problems of Economics, Management and Innovation": Collection of materials (Nizhny Novgorod, 22.11.2016). Nizhny Novgorod, 2016. pp. 275-276.
8. EU policy in the field of climate and energy / Orlov A.V., Sergeev S.F. // International scientific-practical conference "Actual problems of Economics, Management and Innovation": Collection of materials (Nizhny Novgorod, 22.11.2016). Nizhny Novgorod, 2016. pp. 277-278.
9. PROBLEMS OF THE UNION OF ENERGY AND ITS IMPLICATIONS FOR THE EUROPEAN UNION FOREIGN POLICY / Orlov A.V., Sergeev S.F. // Collection of publications of scientific journal "Chronos" Materials X International scientific-practical conference "Economics and modern management" (Moscow, 03.12.2016). Moscow: The scientific journal "Chronos", 2016, pp. 25-28.
10. ENERGY UNION AS A FACTOR OF ENERGY SECURITY OF THE EUROPEAN UNION / Orlov A.V., Sergeev S.F. // Collection of articles of the International scientific-practical conference "Problems and prospects of development of science in Russia and in the world" (Ufa, 01.12.2016). The 7 parts. Part 2 - Ufa: Aeterna, 2016. - pp. 120-123.
11. EU ENERGY SECURITY AND INTEGRATION OF ENERGY MARKET / Orlov A.V., Sergeev S.F. // Scientific Review "Actual problems and prospects of development of the economy: the Russian and foreign experience". – Moscow: publishing house "Optimus". – 2016. - № 6. - pp. 11-14.
12. Orlov A.V. Analysis of the status and forecast of development of gas exports to Russia. Oil and gas business. 2013, number 3, pp. 426-440.
13. Orlov A.V. Classification of chemical industries in terms fuel capacity by cluster analysis. Bulletin of the Belgorod State Technological University. V.G. Shukhov. 2013, number 2, pp. 126-129.
14. Orlov A.V. Analysis of Russia's oil exports. Proceedings of the higher educational institutions. Sociology. Economy. Policy. 2013, number 3, pp. 48-53.
15. Orlov A.V. Analysis of the status and forecast of development of gas exports to Russia. Electronic Scientific Journal Oil and Gas Business. 2013, number 3, pp. 426-440.
16. Orlov A.V. Classification of chemical industries in terms electric intensity by cluster analysis. Bulletin of the Krasnoyarsk State Agrarian University. 2013, number 4, pp. 9-14.
17. Orlov A.V. The forecast of oil export from Russia. Bulletin of the Krasnoyarsk State Agrarian University. 2013, number 7, pp. 12-18.
18. Orlov A.V. Analysis of factors electric intensity of chemical industry of the Russian Federation. Proceedings of the higher educational institutions. Problems of energy. 2013, № 1-2, pp. 99-104.
19. Orlov A.V. Oleynik N.S. Analiz status and forecast of the Russian chemical industry. Economy and Entrepreneurship. 2014, № 12-4 (53-4), pp. 80-83.
20. Orlov A.V. Analysis of factors electric intensity of metallurgical complex of Russia. Economy and Entrepreneurship. 2014, № 1-1 (42-1), pp. 62-65.
21. Orlov A.V. Oleynik N.S. Analysis and evaluation of innovative activity in the Nizhny Novgorod region. Economy and Entrepreneurship. 2014, number 6 (47), pp. 395-399.
22. Orlov A.V. Classification and modeling industries in terms electric intensity. Bulletin of the Belgorod State Technological University. V.G. Shukhov. 2014, № 6, pp. 150-154.
23. Orlov A.V. Classification of exothermic chemical industries in terms of heat transfer by cluster analysis. Bulletin of the Belgorod State Technological University. V.G. Shukhov. 2014, number 2, pp. 112-115.
24. Orlov A.V. Simulation of industries in terms of heat capacity. Proceedings of the higher educational institutions. Sociology. Economy. Policy. 2014, number 2, pp. 20-24.
25. Orlov A.V. Classification endothermic chemical industries in terms of the heat capacity of the method of cluster analysis. Bulletin of the Krasnoyarsk State Agrarian University. 2014, number 2, pp 40-44.
26. Orlov A.V. Classification and modeling industry in terms of performance fuel capacity. Bulletin of the Krasnoyarsk State Agrarian University. 2014, number 4, pp 39-44.
27. Orlov A.V., Orlov A.A. Evaluation of ecological and economic efficiency of measures to reduce fuel capacity. Economy and Entrepreneurship. 2015, № 3 (56), pp 634-636.