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Центр
фрактального
моделирования
ineternum.ru

Dmitry Sergeevich Zhukov, date of birth – April 10th, 1978, Tambov, Russia

EDUCATION

Specialist, 2000, the G.R. Derzhavin Tambov State University, specialization - «historian».

Candidate of historical sciences (PhD in history), 2003, the G.R. Derzhavin Tambov State University.

The topic of the candidate's dissertation (PhD thesis): "The evolution of the system of governing the South African colonies of the Great Britain in 1870's". Specialization 07.00.03 – "World history". Scientific advisor – doctor of historical sciences, professor N.V. Dronova (A.I. Gertsen Saint Petersburg University).

POSITIONS

2000 – 2007 – assistant, senior lecturer at the Department of world history of the G.R. Derzhavin Tambov State University.

2008 – present time – associate professor of the Department of international relations and political science of the G.R. Derzhavin Tambov State University.

2008 – 2014 – head of the scientific and information section of the Research Division of the G.R. Derzhavin Tambov State University.

2013 – present time – leading researcher of Center for Computer Modeling by Means of Fractal Geometry, leading researcher of Center for the Study of Political Transformation, G.R. Derzhavin Tambov State University.

WORKING EXPERIENCE

15-years experience of research activity in social and political spheres of knowledge.

7- years experience in fundraising and management of the scientific projects activity.

15-years experience of lecturer's activity in the higher education system.

ACADEMIC INTERESTS

Together with S. Lyamin he launched the development of computer models with the application of fractal geometry with the purpose to simulate phenomena and processes in social and political spheres.

I also published writings on political analysis, political forecasting, mathematical modeling of social processes, on empires in the modern and contemporary historical periods, problems of post-industrial society and postmodern culture.

ACADEMIC ORGANIZATIONS

Together with S. Lyamin, he is a founder and a scientific supervisor of the Center for fractal modeling of social and political processes of the G.R. Derzhavin Tambov State University.

PUBLISHING ACTIVITY

Together with S. Lyamin, he is a founder and an editor-in-chief of academic journals:

Ineternum. ISSN 2074-0514. The journal covers methodology of forecasting in social and political disciplines.

Fractal simulation. ISSN 2222-0674. The journal is specialized to the issues of computer modeling.

Staff member of the boards of academic journals:

Pro nunc. Contemporary political processes. ISSN 2222-0747.

ACADEMIC WRITINGS

Author (or co-author) of 127 academic articles.

Top articles: Web of Science, Scopus, RACI-ELIBRARY.RU (high impact factor journals), English:

Zhukov, D. & Lyamin, S. Computer Modeling of Historical Processes by Means of Fractal Geometry // Historical Social Research. No. 133. Vol. 35 (2010) 3. P. 323-350. (Web of Science, Scopus)

Zhukov Dmitry, Valery Kanishchev, Sergey Lyamin. Fractal Modeling of Historical Demographic Processes // Historical Social Research. 2013. No. 2. Vol. 38. P. 271 - 287. (Web of Science, Scopus)

Zhukov D.S., Lyamin S.K. The Modeling of Institutional Modernization by Means of Fractal Geometry // Sage Open. 2016. T. 6. № 2. DOI: 10.1177/2158244016640858 URL: <http://sgo.sagepub.com/content/6/2/2158244016640858> (WoS, Scopus.)

Zhukov D.S., Kanishchev V.V., Lyamin S.K. Application of the theory of self-organized criticality to the investigation of historical processes // Sage Open. 2016. Vol. 6. Issue 4. DOI: 10.1177/2158244016683216 URL: <http://journals.sagepub.com/doi/full/10.1177/2158244016683216> (WoS, Scopus.)

Zhukov D.S., Kanishchev V.V., Lyamin S.K. Fractal modeling of historical dynamics of frontier territories: the heuristic potential // Fractal simulation (English ed.). 2013. No 1. (RACI)

Zhukov D.S., Lyamin S.K. Computer Fractal Modeling and Politological Analysis of the Destruction of Traditional Informal Institutions // Modern Research of Social Problems . 2013. №7. doi: 10.12731/2218-7405-2013-7-12 (RACI)

Zhukov D.S., Kanishchev V.V., Lyamin S.K. Fractal modeling of historical dynamics of frontier territories: the heuristic potential // Fractal Simulation (English ed.). 2013. No 1. (RACI)

Some articles are available in full text on the link <http://ineternum.ru/category/publikacii/>

Author (or co-author) of monographs:

Zhukov D.S., Lyamin S.K. The post-industrial world without the paradoxes of endlessness. M.: ERC DO, 2005. 132 p.

Zhukov D.S. Empire and power: South Africa in 1870's. M.: MIE, 2006. 174 p.

Zhukov D.S., Lyamin S.K. Living models of a world that passed away: a fractal geometry of history. Tambov: TSU Publishing, 2007. 176 p.

Zhukov D.S., Lyamin S.K. Metaphors of fractals in social and political knowledge. Tambov: TSU Publishing, 2007. 132 p.

Zhukov D.S., Kanishchev V.V., Lyamin S.K. Fractal modeling of historical and demographic processes. M. - Tambov: Ineternum; TSU Publishing, 2011. 195 p.

Vladimirov K., Diachkov V.L., Zhukov D.S., Iskhakov S.M., Lyamin S.K., Morozov K.N., Protasov L.G., Protasov O., Pyanykh N.I. Politicians of the Russian province from the era of Nicholas II to Stalin. Tambov, Publishing House of G.R. Derzhavin Tambov State University, 2013. 160 p.

Some monographs are available in full text on the link <http://ineternum.ru/category/publikacii/>

GRANT SUPPORT OF RESEARCH PROJECTS

Supervision of research projects:

The Russian Foundation for Fundamental Research project №14-06-00093-a "Applying theory of self-organized criticality to the study of historical processes", head – D.S. Zhukov, 2014 – 2016.

The Russian Foundation for Fundamental Research project №10-06-00250-a "Computer modeling of modernization processes by means of fractal geometry", head – D.S. Zhukov, 2010 – 2011.

State contract №П930 of May 26th, 2010, a project named «Forced modernization of political institutions: computer modeling, forecasting of outcomes and non-linear effects» (The RF Ministry of education and science. The Federal

academic program "Academic and educational research cadres of innovative Russia" for 2009 - 2013), head – D.S. Zhukov, 2010 – 2012 rr.

State contract 14.B37.21.0552, a project named "Scenarios of destruction of traditional informal institutions: computer simulation and political analysis" (The RF Ministry of education and science. The Federal academic program "Academic and educational research cadres of innovative Russia" for 2009 - 2013), head – D.S. Zhukov, 2012 – 2013.

Participation in research projects as a staff member:

The Russian Foundation for Fundamental Research project No 12-06-31111-mol_a "The study of institutional modernization by means of fractal simulation", head – S.K. Lyamin, 2012 – 2013.

Grant by the Russian Foundation for the Humanities" No 13-33-01215-a2 'Research of collective memory in the contemporary socio-cultural transformation ', 2013-2015, head – O.V. Golovashin.

The President of the Russian Federation grant for young candidates of sciences № MK-5604.2012.6, project «Visualized metaphors as a mean of educational communication in the process of teaching history and social studies», head – S.K. Lyamin.

Project No 14.B37.21.0953 (The RF Ministry of education and science. The Federal academic program "Academic and educational research cadres of innovative Russia"), project "The climate, the natural environment and the agrarian society in the south of Central Russia in XVII-XX centuries." 2012 - 2013 years, head – V.V. Kanishev.

Project No 14.B37.21.0009 (The RF Ministry of education and science. The Federal academic program "Academic and educational research cadres of innovative Russia"), project "Russian frontier XVI-XIX centuries: North-West and South of the Russian state (comparative aspect)", 2012 - 2013, head – V.M. Yuriev.

Project No 14.B37.21.0259 (The RF Ministry of education and science. The Federal academic program "Academic and educational research cadres of innovative Russia"), project "Spatial representation and three-dimensional reconstruction of manors of Central Russia XVIII - early XX centuries", 2012 - 2013 years., head – O.E. Glagoleva.

Project No 14.B37.21.0705 (The RF Ministry of education and science. The Federal academic program "Academic and educational research cadres of innovative Russia"), project "Tradition and Utopia: the temporal characteristics of the modernization process," 2012 - 2013 years, head – O.V. Golovashina.

Project No P562 of May 17th, 2010, «The development of social, cultural and political network relations in Russian cities in the 2nd half of the 19th and early 20 centuries». (The RF Ministry of education and science. The Federal academic program "Academic and educational research cadres of innovative Russia" for 2009 - 2013), 2010 – 2012, head – S.K. Lyamin.

Project No "Historical, linguistic and culturological framework for formation and preservation of national self-consciousness under conditions of intercultural communication" (The RF Ministry of education and science. The ministerial academic program "The development of academic potential in the higher education (2009 - 2010)", State registration № 0120.0 803597)

Project No 2.1.3./2626 "Demographic and ecological problems of the Russian agrarian province in the 20th century: from micro-researches to macro-generalizations" (The RF Ministry of education and science. The ministerial academic program "The development of academic potential in the higher education (2009 - 2010)", State registration 01.2.00 900970).

Project No 14.740.11.0240 of September 15th, 2010 «Mechanisms and actors of decision-making: an applied research (case of Russia's European part cities)" (The RF Ministry of education and science. The Federal academic program "Academic and educational research cadres of innovative Russia" for 2009 - 2013), 2010 – 2012, head – D.G. Seltser.

Project No 14.740.11.0206 of September 15th, 2010 «Environmental history aspects of the history of the Russian agrarian society: the reflection of global issues on the local level» (The RF Ministry of education and science. The Federal academic program "Academic and educational research cadres of innovative Russia" for 2009 - 2013), 2010 – 2012, head – V.VI Kanishchev.

Project No 16.740.11.0703 of June 08, 2011, "The research of non-linear effects of the modernization dynamics of the social and political phenomena» (The RF Ministry of education and science. The Federal academic program "Academic and educational research cadres of innovative Russia" for 2009 - 2013), 2011 – 2013, head – O.V. Golovashina.

Project No № 3.2.1/12146 «The model of modernization in the HEI research environment under the influence of the state science policy: a local dimension of the national strategy», 2011. (The RF Ministry of education and science. The ministerial academic program "The development of academic potential in the higher education (2009 - 2011)").

Project No 6.4600.2011 "Modernization of the university's research infrastructure in a changing social and economic conditions" (governmental assignment to the higher education institutions), 2012 – 2014.

Project No 6.4640.2011 "The development of the multifunctional system of research projects' expert evaluation" (governmental assignment to the higher education institutions), 2012 – 2014.

Project "Theory of language interpretation as a cognitive activity" (grant of the Ministry of Education and Science of the Russian Federation, № 2014/285), 2014 - 2016, Director – N.N. Boldyrev.

Project "Theoretical and methodological development of political and economic concept "Derzhavnost" as the basis for the modernization of Russia" (grant of the Ministry of Education and Science of the Russian Federation, № 2014/285? № 2658), 2014, Director – V.M. Yuryev.

PATENTS AND REGISTRATION CERTIFICATES

Certificate of state registration of the "Modernofractal fractals-creator" computer program by Rospatent. Certificate № 2011619003 of November 18th, 2011. Authors – Zhukov Dmitry Sergeevich, Lyamin Sergei Konstantinovich, Movchko Yulia Igorevna.

Certificate of state registration of the "Fractaloclaster fractals-creator" computer program by Rospatent. Certificate 2013612804, 14.03.2013. Authors – Zhukov Dmitry Sergeevich, Lyamin Sergei Konstantinovich, Movchko Yulia Igorevna.

SOFTWARE DEVELOPMENT

Developer (together with Yu. Movchko and S. Lyamin) fractals-creating programs: Mentalofractal, Demofractal, Imitation, Imperofractal.

QUALIFICATION CERTIFICATE

Certificate of the Russian expert institution, № 08 - 01274. Zhukov Dmitry registered in the Federal Register of experts. Moscow, 31 July 2012.

Certificate from Senergy lab "Business skills for developing scientific and technological collaboration with industry", 27.02.2014.

RUSSIAN ACADEMIC CITATION INDEX INDICATORS (RACI - ELIBRARY.RU)

Citation index 572

H-index 10

SCHOLARS' PUBLIC ORGANIZATIONS

Member of the All-Russian scholars' public organizations:

"History and Computer" Association (HCA)

Russian Association of the Political Science (RAPS)

Russian Society of Political Scientists

Intellectual History Society

Association of Futurologists

PARTICIPATION IN THE ACADEMIC CONFERENCES

Participant of more than 30 academic conferences.

Presentations of the most significant conferences:

"Empire under conditions of the democratic transit: Russian and British experiences". A report on the conference "System characteristics of the political regimes in contemporary Russia and Central and East European countries" (March 24th and 25th, 2005, Saratov, D.S. Zhukov)

"Modeling of historical phenomena and processes by means of fractal geometry". A report on X Conference of the "History and Computer" Association (Moscow, 2006. D.S. Zhukov, S.K. Lyamin.)

"Modeling of historical processes by means of fractal geometry". A report presented at the MSU Department of historical information (Moscow, November 2006. D.S. Zhukov, S.K. Lyamin.)

"Modeling of mental and environmental processes by means of fractal geometry". A report on the "Problems of Russian self-consciousness" interregional conference held by the RAS Institute of philosophy (Tambov, 2007, D.S. Zhukov, S.K. Lyamin.)

"A fractal approach to study evolution of administrative and political system of the British Empire in the 2nd half of the 19th and 20th centuries". A report on the Russian and British conference "Russia and Britain on the way to understanding" (Moscow, April 18th and 19th, 2007, D.S. Zhukov.)

"A fractal model of urban environment modernization in Central Black Soil region". A report on the "Urbanization in Russia in 18th – early 20th centuries" interregional scientific conference (September 17th and 18th, the G.R. Derzhavin Tambov State University. S.K. Lyamin)

"Innovative approaches in historical studies: information technologies, models and methods" international conference. The "History and Computer" Interregional Association. The Moscow region, December 13th – 15th, 2008 r.

"Modeling of dynamics of demographic processes in agrarian regions of the 19th and 20th centuries' Russian province by means of fractal geometry". A report on the Agrarian Symposium (Ryazan, September 21st – 24th, 2010, D.S. Zhukov, V.V. Kanishchev, S.K. Lyamin)

Zhukov D.S., Kanishchev V.V., Lyamin S.K. "Fractal modeling: technology and heuristic productivity". A report on the "History and Computer" Association conference (The Moscow region, October, 22nd -24th, 2010 r.)

Zhukov D.S., Kanishchev V.V., S.K. Lyamin. "Fractal modeling of historical and demographic processes." Report to the plenary session of the conference of the Association "History and Computer" (Moscow, 21-23 September 2012).

Zhukov D.S., Kanishchev V.V., S.K. Lyamin "Fractal simulation of the interaction of the agrarian society and nature: Ekofraktal elements." Report to the sectional meetings of the Association "History and Computer" (Moscow, 21-23 September 2012).

Zhukov D.S., Kanishchev V.V., S.K. Lyamin. "Frontier and fractal: results of computer simulation of the dynamics of the Russian frontier". Report of the international conference "Russian frontier: history and problems. XVI – XX" (Kaliningrad, Baltic Federal University of Immanuel Kant, 24 - 25 October 2013).

Zhukov D.S., Kanishchev V.V., S.K. Lyamin. "Computer modeling of the dynamics of the South Russian frontier, XVII – XIX". Report on Academician I.D. Koval'chenko memorial conference (Moscow, Lomonosov Moscow State University, December 13, 2013).

Zhukov D.S. Simulation tools for the study of socio-political phenomena (Suzdal, I Congress of the Russian Society of Political Scientists, 1 - 3 July 2014).

Zhukov D.S., Kanishchev V.V., S.K. Lyamin. "Heuristic potential of fractal simulation of processes in the southern Russian frontier, XVII - middle XIX». Report of the conference "Borders and borderlands in the South Russian history" (26 - 27 September 2014, Rostov-on-Don).

Zhukov D.S., Kanishchev V.V., S.K. Lyamin. "Simulation of the historical dynamics of the southern Russian frontier, (FrontierFractal), XVII - the first half XIX." Report at the XIV Conference of the Association "History and Computer" (October 3-5, 2014, Moscow, Zvenigorod).

Zhukov D.S., Kanishchev V.V., S.K. Lyamin. "Application of the theory of self-organized criticality to the study of historical processes". The report at the IV International Conference "Computer technology and mathematical methods in historical research" (Kaliningrad, Immanuel Kant Baltic Federal University, Association "History and Computer", 30 October - 1 November 2015).

Zhukov D.S. "Heuristic potential of the theory of self-organized criticality in the investigation of terrorist and extremist activity". Report at the XV Conference of the Association "History and Computer" (October 7-9, 2016, Moscow, Zvenigorod).

Zhukov D.S., Kanishchev V.V., S.K. Lyamin. "The possibility of using the theory of self-organized criticality in the study of the peasant movement in Russia in the second half of the XIX century". Report at the XV Conference of the Association "History and Computer" (October 7-9, 2016, Moscow, Zvenigorod).

Presentations are available on the link: <http://ineternum.ru/category/doklady/>

INTERNET RESOURCES DEVELOPMENT

Developer of the site: ineternum.ru

The site is an Internet platform for the Center for fractal modeling, for the Network center for futurology and forecasting, for personal page of D. Zhukov and S. Lyamin.

EDUCATIONAL ACTIVITY

Lectures at the G.R. Derzhavin Tambov State University on subjects:

"Political analysis and forecasting", "Computer science and information technologies in political science", "Software for Political Studies" (for bachelors),

"Mathematical methods of political processes' modeling" (master's program).

Scientific advisor for more than 20 graduation theses (specialists, bachelors, masters).

I also lecture at the National institute "Higher school of governing" (The Tambov branch)

EDUCATIONAL PUBLICATIONS

Zhukov D.S. Political thought of the 19th centuries. A course of lectures. Tambov: TSU, 2008.

Zhukov D.S. Political analysis and forecasting. A course of lectures. Tambov: TSU, 2010.

Zhukov D.S., Lyamin S.K. "History of political thought. The Long 19th century. A book of readings" (electronic edition registered by "Informregister", No 0320801568 of July 22th, 2008).

Zhukov D.S. Lyamin S.K. Introduction to the course "Theory and methodology of history". Tambov, TSU Publishing House, 2012.

Zhukov D.S., Lyamin S.K. Master classes on the history of world culture. Tambov, TSU Publishing House, 2013.

Zhukov D.S., Lyamin S.K. Socio-economic processes in world history. Tambov, TSU Publishing House, 2013.

Zhukov D.S., Lyamin S.K. Historical stages of development of the world culture. Tambov, TSU Publishing House, 2013.

Zhukov D.S., Lyamin S.K. Political processes in world history. Tambov, TSU Publishing House, 2013.

AWARDS

The medal of the Ministry of education for a victory in the All-Russian contest of students' papers, order № 695 of 06.03.2000.

The Derzhavin diploma, Order of the rector of the G.R. Derzhavin Tambov State University № 1713-3 of 10.09.2009.

The official portrait of Gavrila Derzhavin (award of G.R. Derzhavin Tambov State University).

CONTACTS

ineternatum@mail.ru, ineternum@mail.ru

Social networks:

Academia.edu <https://tsutmb.academia.edu/DmitryZhukov>

Personal site: <http://ineternum.ru/dmitrij-sergeevich-zhukov/>

<http://nexpol.blogspot.ru/>

Employer's site (Center for the Study of Political Transformation, G.R. Derzhavin Tambov State University) <http://centrtsu.ru/>
02.12.2016.