



1. name and date of birth:

Mykola Polovyi (Микола Польовий), 03-21-1972. Place of birth: Obninsk, Kaluga region, USSR

Nationality: Ukrainian Civil status: married

Profile at Academia.edu: ttps://independent.academia.edu/FieldNick

ORCID ID: orcid.org/0000-0001-7283-3528

Profile at Google Scholar:

https://scholar.google.com.ua/citations?user=thUuyk0AAAAJ&hl=en

Personal website: http://myko.name e-mail: m.poliovyi@donnu.edu.ua 1@myko.name

2. degrees, dates and places, major subject, topic of dissertations:

D.Sc. (doctoral) in Political Science, 10-07-2011 (awarded 01-19-2012): Prepared and defended at National University "Odessa Law Academy" (Odessa, Ukraine).

Major subject: development of simulation models of contemporary political process in Ukraine and forecast of political stability grade in Ukraine till 2031 on the base of synergetic dynamics; simulation of civil protest activity in local temporal and spatial scales; adaptation of new methods of modelling (among them – artificial neuronets and chaos theories) to research sociopolitical processes.

Topic: "Modern methods of political processes simulation: theory and practice of application"

PhD (candidate) in History, 02-26-1997: Prepared at Odessa I.I.Mechnikov State (now – National) University (Ukraine). Defended at Dnepropetrovsk State (now – Dnipro National) University (Ukraine).

Major subject: quantitative research of agrarian market formation in the Russian Empire in the XVIII – the beginning of the XX century with the accent on questions methods of mathematical statistics in historical researches. Applied correlation, dispersion, regression analysis and logical-mathematical simulation.

Topic: "Mathematical methods in the research of the integral indexes of social-economic development (on the example of grain price dynamics in Russian empire in the Second Half of the Eighteenth Century – the Beginning of the Twentieth Century)"

Specialist (Master) in Information management of systems and technologies, 06-26-2001: Odessa Hydrometeorological Institute (Ukraine).

Major subject: Programming of user-friendly shell for Geographical Information Systems to manage specialized multi-layers and common purpose maps.

Topic: "Interfacing informational searching shell for GIS MapInfo's electronic maps".

Specialist (Master) with honors in History, 06-22-1994: Historical faculty of Odessa I.I.Mechnikov State (now – National) University (Ukraine).

Major subject: Mathematical statistics methods in research of historical-economic factors of grain prices in Russian Empire in the XVIII – the beginning of XX century.

Topic: "Application of mathematical statistics to study pricing and formation of agrarian market in the Russian empire in the XVIII – the beginning of XX".

3. adjunct professorships (docentship), universities, years of appointment:

Professor at the department of political science and public administration at Vasyl' Stus Donetsk National University, Vinnitsa, Ukraine 09-01-2016.

Professor at the department of social theories at National University "Odessa Law Academy", Odessa, Ukraine (Title of Professor was granted by Ministry of education and science of Ukraine in 2013).

Associate Professor (Docent) at the department of social theories at Odessa National Law Academy, Odessa, Ukraine (Title of Docent was granted by Ministry of education and science of Ukraine in 2002);

4. present employment relationship with starting and ending dates:

Full-time professor at the department of political science and public administration at Vasyl' Stus Donetsk National University, Vinnitsa, Ukraine 09-01-2016 – to this day.

5. Practical teaching experience:

5.1. teaching posts (titles and duration in years):

Professor at the department of political science and public administration at Vasyl' Stus Donetsk National University. From 09-01-2016 to this day.

Professor at the department of social theories at National University "Odessa Law Academy". From 09-01-2012 to 08-31-2016.

Associate professor at the department of social theories at Odessa state law academy (From 2011 – National University "Odessa Law Academy"). From 01-01-1998 to 09-01-2012.

Assistant professor at the department of social theories at Odessa I.I.Mechnikov State (now – National) University. From 09-01-1995 to 12-31-1997.

- part-time lecturing:

Professor at the Odessa I.I.Mechnikov State University (Ukraine). From 09-01-2016 to 07-01-2017. (Teaching courses: Applied social and communication technologies, Sociology of mass communications).

Professor at the South Ukrainian Jewish University (Odessa, Ukraine). From 09-01-2012 to this day. (Teaching courses: Political Science, Sociology).

Associate professor at the department of humanitarian disciplines at International Humanitarian University (Odessa, Ukraine). From 09-01-2005 to 06-30-2012. (Teaching courses: History of Ukraine in the world history context, History of World and Ukrainian culture, International relations).

5.2. courses taught:

Institution	Start and end date	Number of hours per week	Subject, course title	
Vasyl' Stus Donetsk National University	2017	2(36/year)	Analysis of state policy (1st Master year students political sciences)	
	2017	2(36/year)	Theory and practice of scientific language (2 nd PhD year students political sciences)	
	2017	4(72/year)	Management of scientific researches in political science (2 nd PhD year students political sciences)	
(Vinnitsa)	2016	3(50/year)	Modelling of social-political processes (2 ⁿ Master year students political sciences)	
	2016	2(36/year)	Methodology of scientific researches (2 nd Master year students)	
	2016	3(50/year)	Political demography and statistics (fourth	

			Bachelor year political sciences)
	2016	2(36/year)	Political quantification (2 nd year students
			political sciences)
	2016-2017	3(50/year)	Applied social and communication
Odessa			technologies (1st Master year journalism
I.I.Mechnikov State			students)
University	2016-2017	3(50/year)	Sociology of mass communications (4 th
			year journalism students)
	1998 - 2002	4(50/year)	Computer Science (1 st year Law students)
	1998 - 2010	4(54/year)	History of Ukraine in the world history
			context (1st year Law students)
	1998 - 2016	4(50/year)	Political Science (3 rd year Law students)
	1998 - 2011	4(54/year)	History of World and Ukrainian culture (1st
Odessa state law			year Law students)
academy (From 2011	2011 - 2013	2(36/year)	Theories of modernization (2 nd year
 National University 			students political sciences)
"Odessa Law	2011 - 2016	4 (124/year	and Methodology of political researches and
Academy")			political analysis (2 nd and 3 rd year students
			political sciences)
	2013 - 2016	2(36/year)	Social-political forecasting (1st Master year
			students political sciences)
	2012 - 2016	2(36/year)	Political demography and statistics (fourth
			Bachelor year political sciences)
	2005 - 2012	4(54/year)	History of Ukraine in the world history
International	2007 2012	1/60/	context (1 st year students)
			History of World and Ukrainian culture (1st
University	2007 2012	4(50/	year students)
	2005 - 2012	4(50/year)	International relations (3 rd year Law
C 4 III ' '	2012	2(2(/	students)
South Ukrainian	2012	2(36/year)	Sociology (3 rd year students)
Jewish University	2012	4(50/year)	Political Science (3 rd year students)
	1995 - 1997	2(30/year)	Religious Thought (4 th year Law students)
Odessa	1995 - 1997	4(54/year)	(co-History of Ukraine in the world history
I.I.Mechnikov State	1005 1007	lecturer)	context (1 st year Law students)
University	1995 - 1997	4(50/year)	Political Science (3 rd year Law students)
	1995 - 1997	4(50/year)	Computer Science (1st year Law students)

6. Supervision and leadership experience:

- practical experience obtained from supervising students preparing their thesis, supervising postgraduate students and researchers (supervised thesis, doctoral dissertations, special tasks within doctoral studies):

I supervised by more than 30 master degree students.

I supervised three successful PhD students. As the result of supervising PhD students prepared next doctoral theses:

Gadzhyieva D. V. International factors of creation and activity of institutions of political transition. – Supervised during 2011-2014. Defended in 2014 for the degree of PhD in Political Science at National University «Odessa Law Academy».

Polukhina A. V. Nonviolent political actions in global development. – Supervised during 2012-2014. Defended in 2014 for the degree of PhD in Political Science at National University «Odessa Law Academy».

Dzubenko Ju.M. Phenomenon of regressive political transition in contemporary political process. – Supervised during 2013-2016. Defended in 2016 for the degree of PhD in Political Sciences at South Ukrainian National Pedagogical University named after K. D. Ushinsky.

Each PhD student wrote and published under my supervising about 5-7 scientific articles in peer-reviewed journals on particular problems of their research.

For 20 years of my professional career I supervised more than 50 students for diverse scientific conferences, symposiums and round tables devoted to various problems of contemporary history and politics.

For more than ten years I've been moderating students debating society on contemporary social and political problems.

During 2010-2016 as the deputy chief of the department of social theories I composed and corrected curriculum for bachelors and masters in the fields of Political science and Sociology.

Since 01-01-2016 to 08-31-2016 I was a guarantor of educational PhD training program in political science at National University «Odessa Law Academy».

Since 09-01-2016 to this day I am a guarantor of educational Master's training program in political science at Vasyl' Stus Donetsk National University.

7. scientific expert positions:

Scientific expert at periodic digest in contemporary history, political science and law named "Actualni problem politiki" ("Actual problems of politics" in Ukrainian).

Scientific expert at international scientific journal "Evropský politický a právní diskurz" ("European political and law discourse").

Scientific expert at Foundation to Support Fundamental Researches (Ukraine).

External Examiner at thesis defense committees in history and political science at National University "Odessa Law Academy", Dnepropetrovsk National University, Chernivtsy National University, Kharkiv National Pedagogical University, South-Ukrainian National Pedagogical University named after K.D.Ushynsky. Examined more than 20 D.Sc and PhD theses in history and political science.

8. most important scientific positions of trust and administrative positions:

A member of the doctoral thesis defense committee in political science at South-Ukrainian National Pedagogical University named after K.D.Ushynsky. Since 04-24-2017 till present.

A member of the doctoral thesis defense committee in political science at Vasyl' Stus Donetsk National University, Vinnitsya, Ukraine. Since 03-14-2017 to 10-10-2017. The chair of the committee since 10-10-2017 till present.

A member of the doctoral thesis defense committee in political science at National University "Odessa Law Academy", Odessa, Ukraine. Since 09-01-2012 to 08-31-2016.

A member of the doctoral thesis defense committee in political science at Kharkiv National Pedagogical University, Kharkiv, Ukraine. Since 11-11-2014 to 10-01-2016.

Editor-in-chief of international scientific journal "Evropský politický a právní diskurz" ("European political and law discourse"), registered in Czech Republic (http://eppd13.cz). Since 01-01-2014 till present.

Responsible secretary of international scientific journal "Evropský filozofický a historický diskurz" ("European philosophical and historical discourse"), registered in Czech Republic (http://ephd.cz). Since 01-01-2016 till present.

Responsible secretary of scientific periodic digest in contemporary history, political science and law named "Actualni problem politiki" ("Actual problems of politics" in Ukrainian). Prepared for publication 60 issues of this digest. Since 1997 till present.

A member of expert board of Foundation to Support Fundamental Researches (Ukraine) (http://fsfr.org): Since 08-01-2015 till present.

Deputy Chief of the department of social theories at National University "Odessa Law Academy", Odessa, Ukraine. Since 09-01-2009 to 08-31-2016.

Deputy Dean of the Institute of Advocacy at "Odessa National Law Academy", Odessa, Ukraine: Since 09-01-1999 to 10-15-2005.

9. Research profile:

I've been working on a lot of individual and collective scientific projects:

- conducted research on the topic: "Application of mathematical statistics to study pricing and formation of agrarian market in the Russian empire in the XVIII the beginning of XX": In this project regression, correlation and dispersion analysis, time-series analysis of grain prices movement in Russia from the second half of the Eighteenth Century to the beginning of the Twentieth Century was conducted. In the process of preparing Master degree thesis (1991-1994) at Historical faculty of Odessa I.I.Mechnikov State University. Among other things, I developed and implemented new original methods of time-series analysis of historical-economic dynamics. Receive diploma of Specialist (Master) with honors;
- conducted research on the topic: "Mathematical methods in the research of the integral indexes of social-economic development (on the example of grain price dynamics in Russian empire in the Second Half of the Eighteenth Century the Beginning of the Twentieth Century)". In the process of preparing PhD (candidate) thesis in History, (09.01.1994 02.26.1997). Prepared at Odessa I.I.Mechnikov State University. Defended at Dnepropetrovsk State University (Ukraine). Major subject of project was quantitative research of agrarian market formation in the Russian Empire in the XVIII the beginning of the XX century with the accent on questions methods of mathematical statistics in historical researches. I applied correlation, dispersion, regression analysis and logical-mathematical simulation. I composed logic-mathematical model of Russian grain prices movement in the second half of the eighteenth and prepare computer realization of the model;
- carried out the individual project on a theme "Simulation of the grain prices movement in Russia in the first half of the Nineteenth Century" (September 1996 May 1997 at financial support of the Moscow Public Scientific Fund. Total award was \$1600);
- carried out the individual project on a theme "Simulation of formation and growth of all-Russia grain-commodity market in the second half of the Eighteenth the beginning of the Twentieth Century" (September 1997 May 1998 at financial support of the Moscow Public Scientific Fund. Total award was \$2000);
- developed interface shell on GIS-language MapBasic for regional electron maps management in GIS MapInfo (April 1998 October 2000, As the part of the project of creating the GIS-oriented decision support system in emergency situations for the Regional service of Ukrainian police. Project was commissioned by the Odessa regional department of the Ministry of Internal Affairs of Ukraine. Total funding was \$36000). My part of the project was creating a sample of automated worksite for regional electron maps management in GIS MapInfo and programming interface shell for this sample on GIS-language MapBasic;
- conducted researches on the construction of formal models for the development of theoretical history (1998 2010). (Independent not funded project. The main results published in monography). The main aim was searching for regularities in shift of paradigms of historical cognition. I have created several formal simulation models for development of the theory of history, including the finite-difference models of this process (created within the simulation system Stratum) and models based on the application of ternary logic of parametric general systems theory; developed some variants of logic-mathematical model of the world-historical development conception of N.Danilevski and worked on making general model of world-historical process conceptions' development. Important hypotheses about the character of interconnection between social consciousness and scientific theories were grounded.
- conducted research on the topic: "Modern methods of political processes simulation: theory and practice of application". In the process of preparing D.Sc. (doctoral) thesis in Political Science (2009 –10.07.2011). The thesis was prepared and defended at National University "Odessa Law Academy" (Odessa, Ukraine). Major subject of project was: development of simulation models of contemporary political process in Ukraine and forecast of political stability grade in

Ukraine till 2031 on the base of synergetic dynamics; simulation of civil protest activity in local temporal and spatial scales (J.Davies' model modification); adaptation of new methods of modelling (among them – artificial neuronets and chaos theories) to research socio-political processes;

Currently my academic activities are conducted within the thematic field of the department of political science and public administration at the Vasyl' Stus Donetsk National University "Dynamic aspects of socio-political processes in Ukraine and the world in the second decade of the 21st century". The project conducted under the funding of the Ministry of Education and Science of Ukraine. My part of work is:

- analysis of problems of sources of modern international terrorism; study of international aspects of domestic political conflicts;
- developing the model of international migration flows and gave forecast of the values of these flows until 2050;
 - analysis of transformations of self-identification of international migrants;
 - PhD candidates and master's supervising.

10. Membership in professional bodies:

Since 2018 a member of the Association for Slavic, East European and Eurasian Studies (www.aseees.org).

Since 2015 a member of experts' board of Foundation to Support Fundamental Researches (Ukraine) (http://fsfr.org).

Since 1995 a member of International Association "History and Computing" (CIS branch) (http://www.aik-sng.ru/).

11. Computing skills:

Work professionally with IBM PC-compatible – MS DOS, WINDOWS, MS Office 365, OpenOffice, OCR-programs, PageMaker, InDesign, etc.

Statistical analysis – Statgraphics, Stata, Statistica.

Content-analysis – Atlas.ti, MAXQDA, QDA Miner.

Data tools – Nesstar Publisher, Usinet, NetDraw.

GIS – MapInfo – using and programming.

Web Technology – PHP, HTML, WordPress.

Distant learning – Moodle, GoogleClassroom.

Simulation tools – Stratum, Stella.

Programming in Fortran, Pascal, MapBasic, VisualBasic.

12. Language skills:

Language	Reading	Speaking	Writing		
English	intermediate	intermediate	intermediate		
Ukrainian	fluent	fluent	fluent		
Russian	fluent	fluent	fluent		
Dutch	beginner	beginner	beginner		
Polish	beginner	beginner	beginner		
Slovak	beginner	beginner	beginner		

13. Most important scientific acknowledgements and awards:

The most important scientific acknowledgement for me was conferring of academic status of professor by The Ministry of education and science of Ukraine (November 2013).

Third prizes among the Vasyl' Stus Donetsk National University staff for pedagogical and scientific activities in 2016 and 2017.

14. Outreach activities:

Co-organized the First & the Second Schools of public policy and administration at the base of Vasyl' Stus Donetsk National University (2016-2017 and 2018) and was an expert at this Schools.

Organized and held scientific seminar on the wide range of cultural and social problems for students of National University "Odesa Law Academy" in 2002-2016, thus promoting students' awareness and understanding of science through a specifically created web-site (polevoy.at.ua).

Acted as an expert in popular science TV programs (for example: http://vitatv.com.ua/proekti/na-chasi/na-chasi-2018-02-16/).

15. Invited seminars, workshops and conferences of two last years:

2018:

"Europe and EU in the face of new challenges": XVIII international scientific conference (Slubice, Poland, 1-2 February 2018);

"Development, Democracy and Society in the Contemporary World" (National School of Political and Administrative Studies, Bucharest, Romania, 14-17 June 2018);

The International Association for the Humanities – MAG – 2018 Annual Convention (Lviv, Ukraine, 28-30 June 2018);

IV-th Polish Political Science Congress "State in time of change" (Lublin, Poland, 18-20 September, 2018);

VII International scientific and practical conference "Economy of an Enterprise: Theory and Practice" (Kyiv-Cracow, Ukraine-Poland, October, 11-15, 2018);

"European migrations after 2004. Causes, effects and perspectives" (Gdynia, Poland, October 25-26, 2018);

European Association for Digital Humanities Inaugural conference (Galway, Ireland, 7-9 December, 2018)

2017:

Diasporas: Past and Present (Slupsk, Poland, 1-2 June 2017)

Migration, Adaptation and Memory: 6th International Interdisciplinary Memory Conference (University of Gdańsk, Poland, 21-22 September, 2017).

Teaching semiotics in interdisciplinary contexts: International seminar (Vilnius, Lithuania, 13-14 October, 2017)

List of publications:

Have more than 140 scientific publications in Ukraine, Poland, Czech Republic, Russia and Belarus including two monographs. The monographs and articles are:

1. Scientific books (monographs):

- 1. Polovyi, M. A. 'Politychni procesy: teorija ta praktyka modeljuvannja' [Political processes: theory and practice of simulation], Odesa: Feniks, 2011 (in Ukrainian)
- 2. Polovyi, M. A. 'Prognozirovanie smeny paradigm istoricheskogo poznanija: poisk metoda' [Prognostication of paradigm shift of historical cognition: searching for a method], Odesa: Feniks, 2010 (in Russian)

2. Peer-reviewed scientific articles and book sections:

Journal articles (peer reviewed):

- 3. Polovyi M. 'Modelling of Quantity of International Migrants' Growth in the Central and Eastern Europe by 2040', *Proceedings of the 5th ACADEMOS Conference 2018* "Development, Democracy and Society in the Contemporary World" (Bucharest, Romania, 14-17 June 2018), Bologna, 2018. pp. 278-283.
- 4. Polovyi, M.A. 'Forecasting the dynamics of the potential of international migrations by 2050', *The Polish Migration Review*, 2017, #2, pp.72-84.

- 5. Polovyi, M. A. 'Peculiarities of transitive changes during national liberation struggle of 1917-1921 in Ukraine', *Evropský politický a právní diskurz [European Political and Law Discourse]*, 2016, vol. 3, iss. 2 (Co-author: D. Gadgieva)
- 6. Polovyi M.A. 'Moglivosti ta obmegenja imitaciynogo modeluvanja u vivchenni istoriographii teorii istorii' [Opportunities and limitations of simulation in the study of historiography of the theory of history], *Evropský filozofický a historický diskurz [European philosophical and historical discourse]*. 2016. Vol.2. Iss.4. P.6-12 (in Ukrainian)

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- 8. Polovyi, M. A. 'Neiromerezheve modeliuvannia funktsionuvannia mizhnarodnykh rehionalnykh spilnot na prykladi EU' [Neuronet simulation of functioning of international regional associations on an example of EU], *Aktualni problemy polityky [Actual problems of politics]*, 2015, Iss. 54, pp. 212-221. (in Ukrainian).
- 9. Polovyi, M. A. 'Problemy vrakhuvannia dii hromadianskoho suspilstva pid chas pobudovy prhnoziv zahroz stabilnosti politychnoho protsesu' [Problems of accounting of actions of civil society during the construction of prognoses of threats of stability of political process], *Politikus*, 2015, № 2, pp. 96–100. (in Ukrainian).
- 10. Polovyi, M. A. 'Osnovnye cherty sinergeticheskoj komponenty vnutripoliticheskikh konfliktov v sovremennom globalizovannom mire' [Basic lines of synergetic components of home policy conflicts in the modern globalized world], *Politikus*, 2015, № 1, pp. 117–121. (in Russian).
- 11. Polovyi, M. A. 'Simulation Modeling of Political Instability and Maydan of 2013/2014 in Ukraine', *European Journal of Transformation Studies*, 2014, vol. 2, suppl. 1. Available at: http://europeourhouse.weebly.com/2014-volume-2-suppl-1.html.
- 12. Polovyi, M. A. 'Dzherela suchasnoho politychnoho teroryzmu v demokratychnykh rezhymakh' [Sources of modern political terrorism in democratic regimes], *Ukrainska nauka: mynule, suchasne, maibutnie [Ukrainian science: past, present, future]*, 2014, Iss. 19, ch. 1, pp. 319-327. (in Ukrainian).
- 13. Polovyi, M. A. 'Chynnyk hromadianskoho suspilstva v prohnozuvanni stabilnosti politychnoho protsesu' [A factor of civil society in prognostication of stability of political process], *Hileia: naukovyi visnyk [Hileya: scientific herald]*, 2014, Iss. 87. (in Ukrainian).
- 14. Polovyi, M. A. 'Synerhetychni vlastyvosti politychnoho protsesu doby natsionalnovyzvolnykh zmahan 1917-1921 rr.' [Synergetical properties of political process of time of national liberation competitions 1917-1921], *Aktualni problemy polityky [Actual problems of politics]*, 2014, Iss. 51, pp. 418-428 (in Ukrainian).
- 15. Polovyi, M. A. 'Zastosuvannia metodiv matematychnoi statystyky dlia analizu funktsionuvannia rehionalnykh khlibnykh rynkiv v Rosiiskii imperii u druhii polovyni XVIII na pochatku XX st.' [Application of methods of mathematical statistics for the analysis of functioning of regional grain markets in the Russian empire in the second half of the XVIII at the beginning of the XX], Naukovyi visnyk Mizhnarodnoho humanitarnoho universytetu. Seriia: Istoriia. Filosofiia. Politolohiia [Scientific herald of the International Humanitarian University. Serie: History. Philosophy. Political science], 2014, Iss. 6, pp. 92-100. (in Ukrainian).
- 16. Polovyi, M. A. 'Pro hipotetychnyi zviazok mizh politychnym teroryzmom ta demokratiieiu' [About hypothetical connection between political terrorism and democracy], *Aktualni problemy polityky [Actual problems of politics]*, 2013, Iss. 50, pp. 171-181.(in Ukrainian).
- 17. Polovyi, M. A. 'Sinergeticheskij aspekt politicheskikh konfliktov v sovremennom mire' [Synergetic aspect of contemporary political conflicts], *Aktual'nye problemy social'noj i ehkonomicheskoj psikhologii: metodologija, teorija, praktika [Actual problems of social and economic psychology: methodology, theory, practice]*, Moskva: Ehkon-inform, 2013, pp. 89-97. (Co-author: Polevaya M.V.) (in Russian).
- 18. Polovyi, M. A. 'Bazy danykh yak zasib modeliuvannia staniv demokratychnoho rozvytku' [Databases as mean of modelling of steges of democratic development], *Naukovyi visnyk*

- Mizhnarodnoho humanitarnoho universytetu. Seriia: Istoriia. Filosofiia. Politolohiia [Scientific herald of the International Humanitarian University. Serie: History. Philosophy. Political science], Odesa, 2012, Iss. 4, pp. 109-113. (in Ukrainian).
- 19. Polovyi, M. A. 'Metodychni problemy prohnozuvannia protsesiv demokratychnoho tranzytu' [Methodical problems of prognostication of processes of democratic transit], *Aktualni problemy polityky [Actual problems of politics]*, 2012, Iss. 47, pp. 57-66. (in Ukrainian).
- 20. Polovyi, M. A. 'Zmist synerhetychnoho parametra poriadku, yakyi vyznachaie politychnu dynamiku postradianskykh derzhav na shliakhu do demokratii' [Content of synergetic parameter of order, which determines the political dynamics of post-soviet states on a way to democracy], Naukovi pratsi Natsionalnoho universytetu «Odeska yurydychna akademiia» [Academic papers of the National University "Odessa Academy of Law"], 2012, pp. 314-324. (in Ukrainian).
- 21. Polovyi, M. A. 'Perspektyvy zastosuvannia kompiuternoi kartohrafii v porivnialnykh doslidzhenniakh demokratii' [Prospects of application of computer cartography in comparative researches of democracies], *Aktualni problemy yevropeiskoi intehratsii [Actual problems of European integration]*, 2012, Iss. 9, pp. 21-26. (in Ukrainian).
- 22. Polovyi, M. A. 'Deiaki aspekty vykorystannia shtuchnykh neironnykh merezh dlia modeliuvannia politychnykh protsesiv' [Some aspects of use of artificial neuron networks for simulation of political processes], *Suchasna ukrainska polityka [Contemporary Ukrainian politics*], 2012, Iss. 26, pp. 185-193. (in Ukrainian).
- 23. Polovyi, M. A. 'Demohrafichnyi parametr poriadku v synerhetychnykh modeliakh politychnoi dynamiky' [A demographic parameter of order in synergetic models of political dynamics], in *Politolohichni ta sotsiolohichni studii. T.XI: Teoriia ta istoriia politychnoi nauky: svitovyi ta natsionalnyi dosvid [Studies in political science and sociology. Vol. XI. Theory and history of political science: national experience]*, Chernivtsi, 2012, pp. 135-146. (in Ukrainian).
- 24. Polovyi, M. A. 'Modyfikatsiia modeli Dzh. Devisa dlia imitatsii formuvannia protestnoi aktyvnosti pid chas vyborchoho protsesu' [Modification of model of J.Davies for imitation of forming of protest activity during an electoral process], *Slov'ianskyi visnyk. Seriia «Istorychni ta politychni nauky» [Slavic herald. Serie "Historical and political sciences]*, 2012, Iss. 13, pp. 210-213. (in Ukrainian).
- 25. Polovyi, M. A. 'Imitatsiino-synerhetychne modeliuvannia formuvannia protestnoi aktyvnosti' [Imitation-synergetical design of forming of protest activity], *Aktualni problemy polityky [Actual problems of politics]*, 2012, Iss. 45, pp. 164-176.(in Ukrainian).
- 26. Polovyi, M. A. 'Bazy ta banky danykh u modeliuvanni politychnykh protsesiv' [Databases and banks of data in modelling of political processes], *Osvita rehionu* [Education of the region], 2011, №3, pp. 23-27. (in Ukrainian).
- 27. Polovyi, M. A. 'Neiromerezheva model vyborchoho protsesu' [Neuronet model of electoral process], *Politolohichni ta sotsiolohichni studii [Studies in political science and sociology]*, Chernivtsi: Vydavnychyi dim "Bukrek", 2011, *T. X*, pp. 218-229. (in Ukrainian).
- 28. Polovyi, M. A. 'Teoretychni aspekty zastosuvannia modelei v politychnii nautsi' [Theoretical aspects of application of models in political science], *Naukovyi visnyk ONEU [Scientific herald of the Odesa National Economic University]*, 2011, № 20(145), pp. 69-78. (in Ukrainian).
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4. Audiovisual material, IT software

№	Title	Type	Publisher's imprint and date-line	Co-authors			
1	MapShell v.1.3	IT-	Searching and maps management shell				
		prod	for regional maps in Geographical				
		uct	Information System MapInfo. 2001.				

List of References:

Prof. Roman Bäcker (Head of the theory of politics department at Nicolaus Copernicus University in Torun, Poland)

e-mail: backer@umk.pl Phone: +48 56 611 21 20

Prof. Leonid Borodkin (Head of the historical informatics department at Moscow State University, Head of CIS Branch of International Association "History and Computing", Moscow, Russian Federation)

e-mail: borodkin@hist.msu.ru Phone: +7 495 939-11-65 Prof. Emma Gansova (Professor at the department of philosophy and sociology at Southern Ukrainian National Pedagogical University, Odessa, Ukraine)

e-mail: gansova@i.ua Phone: +380666881572

Prof. UG, dr hab. Arkadiusz Modrzejewski (professor at the Department of Political Science, University of Gdansk, Poland)

e-mail: modrzejewski@ug.edu.pl

Phone: +48 58 523 41 65

Prof. Tetyana Nagornyak (Vice-rector of the Vasyl' Stus Donetsk National University in Vinnitsya, Ukraine)

e-mail: tet_nagorn@ukr.net Phone: +380 509765282

Prof. Arkadyi Oskin (Professor at the department of programming technologies at Polotsk State University, Belarus)

e-mail: a.oskin@psu.by Phone: +375 214 42 1940

Dr. Rafał Raczyński (Head of the Research Department at the of the Emigration Museum (Gdynia); assistant professor at the Department of History and Political Science, Pomeranian University in Slupsk, Poland)

e-mail: r.raczynski@muzeumemigracji.pl

Phone: +48 58 670 41 71

Prof. Yury Svyatets (Head of the department of history of Ukraine at Dnepr National University, Ukraine)

e-mail: devotee@i.ua Phone: +38 056 374 98 64

Prof. Volodimir Vashchenko (Professor at the department of history of Ukraine at Dnepr National University, Ukraine)

e-mail: vovanm@i.ua Phone: +380679866606

Prof. Vladimir Vladimirov (Head of the department of document management, archives and historical informatics at Altai State University, Vice-Head of CIS Branch of International Association "History and Computing", Barnaul, Russian Federation)

e-mail: vlad@hist.asu.ru Phone: +7 3852 291272