



## Curriculum vitae

### *Name and date of birth:*

Mykola Polovyi (Микола Польовий), 1972-03-21

Nationality: Ukrainian

### Publons profile:

<https://publons.com/researcher/1632603/mykola-polovyi/>

ResearcherID: N-6016-2017

Profile at Academia.edu: <https://donnu.academia.edu/MykolaPolovyi>

ORCID ID: [orcid.org/0000-0001-7283-3528](https://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

The major scientific sphere is simulation and forecasting of national and political processes by the mean of formal modeling and quantitative methods.

### *Employment:*

- |                              |  |
|------------------------------|--|
| 2023-03-27 –<br>till present | Full-time professor at the Institute of European studies and international relations at Comenius University, Bratislava, Slovakia.   |
| 2016-09-01 –<br>till present | Professor at the department of political science and state management; the head (guarantor) of PhD program in Political Science at Vasyl' Stus Donetsk National University, Vinnitsa, Ukraine. |
| 2012-09-01 –<br>2016-08-31   | Professor at the department of social theories at National University "Odesa Law Academy", Ukraine.  |
| 1998-01-01 –<br>2012-09-01   | Associate professor at the department of social theories at Odesa state law academy (From 2011 – National University "Odesa Law Academy")  |
| 1995-09-01 –<br>1997-12-31   | Assistant professor at the department of social theories at Odesa I.I.Mechnikov State (now – National) University, Ukraine   |

At all jobs the main responsibilities were scientific study in collective and individual projects and teaching (at bachelor, masters and undergraduate levels). Among courses are: "Methodology of political research and political analysis", "Socio-political conflicts", "Simulation of political processes", "Socio-political forecasting", "Political demography and statistics", "Computer science", "Digital technologies in public administration", "Digital hygiene", "Political quantification", "History of World and Ukrainian culture", "History of Ukraine in the world history context".

### *Degrees:*

- |            |   |
|------------|---|
| 2011-10-07 | <b>D.Sc. (doctoral) in Political Science.</b> Prepared and defended at National University "Odessa Law Academy" (Odessa, Ukraine). <i>Major subject:</i> 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 neural networks and chaos theories) to research socio-political processes. |
| 1997-02-26 | <b>PhD (candidate) in History.</b> Prepared at Odessa I.I.Mechnikov State University. Defended at Dnepropetrovsk State University (Ukraine). <i>Major subject:</i> 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.  |

- 2001-06-26 **Specialist (Master) in Information management of systems and technologies:** Odessa Hydrometeorological Institute. *Major subject:* Programming of user-friendly shell for Geographical Information Systems to manage specialized multi-layers and common purpose maps.
- 1994-06-22 **Specialist (Master) with honors in History:** Historical faculty of Odessa I.I.Mechnikov State University. *Major subject:* Mathematical statistics methods in research of historical-economic factors of grain prices movement in Russian Empire in the XVIII – the beginning of XX century.

*Language skills:*

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

*Digital skills:*

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

Good command of:

Statistical analysis – Statgraphics, Stata, Statistica;  
 Content-analysis – Atlas.ti, MAXQDA, QDA Miner, TextAnalyst;  
 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 – Fortran, Pascal, MapBasic, VisualBasic, R, Python.

*Digital expertise:*

2014-01-01 – till present: Head of IT security service at the Publishing houses “Berostav Druzstvo” (Czech Republic) and “Fenix” (Ukraine).

*Membership in professional bodies:*

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

Since 2018 a member of the International Association for the Humanities (<http://www.mag-iah.com/>).

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

Since 1995 a member of International Association for "History and Computer" (<http://www.aik-sng.ru/>).

*Most important scientific expert assignments:*

2020-08-01 – till present: Expert at the Committee of Voters of Ukraine:

- monitoring of media and social media (for instance: [http://cvu.od.ua/ua/library/monitoring-regionalnih-media-pid-chas-vivoriv-2020-promijniy-zvit\\_1232](http://cvu.od.ua/ua/library/monitoring-regionalnih-media-pid-chas-vivoriv-2020-promijniy-zvit_1232))

2019-05-01 – till present: Expert at the Pylyp Orlyk Institute for Democracy (Ukraine):

- monitoring of regional media (<https://idpo.org.ua/experts/kharkiv/3457-mikola-polovij.html>);

2018-09-01 – till present: Expert in the projects on request of the Vinnitsa Regional State Administration (for instance: [http://www.centerdialog.org/2021/02/blog-post\\_8.html?m=1](http://www.centerdialog.org/2021/02/blog-post_8.html?m=1))

- 2017-09-05 -till present: A chair of the doctoral thesis defense committee in political science at Vasyl' Stus Donetsk National University, Vinnitsa (Ukraine).
- 2015-09-01 – till present: A member of the doctoral thesis defense committees in political science at the South-Ukrainian National Pedagogical University named after K. D. Ushynskiy, (Odesa, Ukraine), at the Kharkiv National Pedagogical University, (Kharkiv, Ukraine), at the National University "Odessa Law Academy", (Odessa, Ukraine)
- 2015-08-01 - till present: Scientific expert at Foundation in Support Fundamental Researches (Ukraine):
- scientific expertise of social rights policies and practices in Ukraine in connection with abroad experience;
  - scientific expertise of the projects for human rights research in Ukraine.
- 2016 - till present: Editor-in-chief of the journal "The Bulletin of Vasyl' Stus Donetsk National University. Political science" (Ukraine); Vice-editor-in-chief of the journal "Political life" (Ukraine).
- 2014 - till present: Editor-in-chief of the journal "European political and law discourse" (Czech Republic)
- 2013 – till present: Reviewer and/or a member of editorial boards at scientific journals: Polish-Georgian: "European Journal of Transformation Studies"(Web of Science); Czech: "European philosophical and historical discourse", and Ukrainian: "Politicus ".
- 1997-08-01 – till present: Head of scientific department at the South-Ukrainian Center of Gender Problems, (Odesa, Ukraine):
- consultations of NGO's leaders in the problems of human rights;
  - editing and publishing of the Digest of scientific papers "Actual problems of politics";
  - conducting study of social and human rights in Odesa region.

#### *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, (09/1994 - 26/02/1997). 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 – 07/10/2011). 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 and internal aspects of domestic political conflicts;

- analysis of problems of national security in information space – standards and policies;

- developing the model of state communications, adequate to cyber-related demands;

- 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 and displaced persons;

- D.Sc., PhD candidates and master's supervising.

Results of my studies were represented in more than 150 publications and at different international conferences (list of selected publications is attached).

#### *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 head scientific seminar on the wide range of cultural and social problems of Eastern Europe for students of National University "Odesa Law Academy" in 2002-2016, promoting students' awareness and understanding of science through a specifically created website (<http://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/>).

Volunteer Editor at the OpenMethods team (<https://openmethods.dariah.eu/volunteer-editors>)

Volunteer mentor at the ASEEES Exploring Career Diversity program and the ASEEES mentoring program (<https://www.aseees.org/programs/mentoring>).

Volunteer week-to-week monitoring of pro-Russian propaganda in Ukrainian segment of Facebook (for instance: <https://izbirkom.org.ua/publications/medialiteracy/2021/rezultati-tizhnevogo-monitoringu-odeskih-socmerezh-kinec-epohi-demokratiyi-ta-propaganda/>).

*Invited seminars, workshops and conferences of five last years:*

9th Academos Conference "Changing the path. crisis, society, and politics in the contemporary world" (28 June – 1 July 2023), National University of Political Studies and Public Administration - SNSPA, Bucharest

54th Association for Slavic, East European, & Eurasian Studies Annual Convention (13-15 November, 2022), Chicago, USA. online

Midterm Conference ESA Political Sociology "Across and Beyond Covid-19. The future of European political sociology (10-12 November 2022) University of Lausanne, Switzerland. online

International Scientific Conference "Modern World Order - Political-Legal Challenges" (27 July 2022) Georgian Technical University, Tbilisi, Georgia. online

Europe of 21st century "Europe and the European Union in the face of Russia's aggression against Ukraine" (23-24 June) 2022, Collegium Polonicum, Słubice, Poland. online

Helsinki Conference on Emotions, Populism and Polarisation (15-17 June 2022) Helsinki, Finland. online

Sixth Annual Tartu Conference on Russian and East European Studies (12-14 June 2022) Tartu, Estonia. online

Eleventh International Scientific Conference of the Academy of social sciences of Georgia „World and Caucasus“ (27 May 2022), Tbilisi, Georgia. online

International Political Science Association RC26 Human Rights International Symposium "How Have Years 20-21 Changed The World?" (9-10, December, 2021) Poznan, Adam Mickiewicz University, Poland. online;

25th Annual Conference of Central European Political Science Association "Challenges to Democracy: Political Processes in Central and Eastern Europe" (17-19 November 2021) University of Warmia and Mazury in Olsztyn, Poland

10th World Congress of the International Council for Central and East European Studies (August 3-8, 2021) Concordia University, Montreal, Canada. online

The 26th Annual Northwest Conference for Russian, East European and Central Asian Studies (REECAS Northwest) (April, 27-30, 2021) University of Washington, Seattle, USA. online

Association for Slavic, East European and Eurasian Studies 53-d Annual Convention, (2-3 December, 2021), USA, online;

International Scientific Conference of the Faculty of Journalism and Mass Communication Sofia University "St. Kliment Ohridski" "Media Literacy: Classical and New Dimensions" (28-29, October, 2021), Sofia, Bulgaria. online

Networking partnership the "Post-Soviet Conflicts, International Law and Security Forum" Inaugural conference (PSCILS Forum) (initiated by the Russia and the Caucasus Regional Research platform (RUCARR)) (3, December, 2021) Malmo University, Sweden. online

Webinar within the framework of the "Post-Soviet Conflicts, International Law and Security Forum" (initiated by the Russia and the Caucasus Regional Research platform (RUCARR)) (14, June, 2021) Malmo University, Sweden. online

IPSA RC26 Human Rights International Symposium "How Have Years 20-21 Changed The World?" (9-10, December, 2021) Adam Mickiewicz University, Poland. online

International Association for the Humanities (MAG) International Congress 2021 "Cultural transformations" (22-24, June, 2021). online.

16-th annual International Scientific Conference "Megatrends and Media 2021". (21, April, 2021) University of Cyril and Methodius in Trnava, Slovac. online

2021 Midwest Slavic Conference (April 15-18, 2021) The Midwest Slavic Association and the Center for Slavic and East European Studies at The Ohio State University, USA. online

"DataFest" (Tbilisi, December, 2020);

"Lviv Security Forum 2020" (November, 2020) online;

7th Academos International Conference, "Politics and Knowledge: New Trends in Social Research" (October, 2020) online;

"DataFest" (Tbilisi, May, 2020)

"Beyond Europe: Towards a New Global Order" (Poznan, Poland, December, 5-6, 2019);

"Pracowac, ale gdzie? Problematyka wspolczesnych migracji ekonomicznych" (Gdynia, Poland, October 24-25, 2019);

"26th International Conference of Europeanists" (Madrid, Spain, 20-22 June 2019);

"Political and Economic Unrest in the Contemporary Era" (National School of Political and Administrative Studies, Bucharest, Romania, 21-23 June 2019);

12th Central and Eastern European Communication and Media Conference (Sofia, Bulgaria, 19-20 June 2019);

4th International ESS conference "Turbulent times in Europe: Instability, Insecurity and Inequality" (Mannheim, Germany, 15-17 april 2019);

"Internal and External Boundaries of the European Union": XIX international scientific conference in a series 'Europe of the 21st century' (Slubice, Poland, 7-8 February 2019);

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. 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

Dr. Rafał Raczynski (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. 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

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

## List of selected publications of Mykola Polovyi:

Have more than 170 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 paradigmy istoricheskogo poznanija: poisk metoda' [Prognostication of paradigm shift of historical cognition: searching for a method], Odesa: Feniks, 2010 (in Russian)

### 2. Peer-reviewed papers at Journal, indexed in Scopus or Web of Science:

3. Bondarenko S., Nagornyak T., Polovyi M. 'Institutional mechanisms to ensure national security in the information space of the United States, the United Kingdom and the Russian Federation'. *Przegląd Strategiczny*. 2020, Issue 13, P. 265-279. DOI : 10.14746/ps.2020.1.16 (Scopus)
4. Polovyi M. 'Democratic preconditions for the development of contemporary terrorism'. In: *Politics and Knowledge: New Trends in Social Research*. Bologna, FILOdiritto. 2020. – P. 359-366. (Web of Science).
5. Polovyi M. 'Long-term Demographic Factor of Political Unrest in Contemporary States'. In: *International Political Science Conference "Political and Economic Unrest in the Contemporary Era": Proceedings of 6th ACADEMOS Conference*, (Bucharest, Romania, 20-23 June 2019), ed. Andrei Taranu, Bologna, 2019, P. 196-203. (under indexation Web of Science).
6. Polovyi M. 'Modern Information Models of the National Interests' Protection Policy of the World Countries', *European journal of transformation studies*. 2018. Vol. 6, No. 2. pp. 44-54 (Co-authors: Sergii Bondarenko, Tetyana Nagornyak) (Web of Science)
7. 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. (Web of Science)

### 3. Peer-reviewed scientific articles and book sections:

*Journal articles (peer reviewed):*

8. Polovyi M. Exploitation of the Right to Freedom of Expression for Promoting Pro-Russian Propaganda in Hybrid War // *Politeja*. 2021. Iss. 71. pp. 171-182 <https://www.akademicka.pl/ojs/politeja/article/view/3715>  
<https://doi.org/10.12797/Politeja.18.2021.71.09>
9. Polovyi M. 'Specifics of USSR era migrants' adaptation in the modern Russian Federation'. *Bibliotekarz Podlaski*. Tom 47 Nr 2. 2020. P. 203-216. <https://doi.org/10.36770/bp.478>
10. Polovyi M., Svjatec Yu. 'Korotkiy narys istorii Ukrainskoi kliometrii' [Short review of the history of Ukrainian cliometrics]. *Ukraina moderna [Modern Ukraine]*. 2020. № 27. URL: <http://publications.lnu.edu.ua/journals/index.php/uamoderna/issue/view/66> (in Ukrainian)
11. Polovyi M. 'Prospects for sustainable political stability of the Russian Federation in the third decade of the 21st century in the mirror of synergetic paradigm' *Politeja*. No. 5(62), 2019, pp. 103-115. <https://doi.org/10.12797/Politeja.16.2019.62.06>
12. Polovyi M. "Cifrovoy povorot" – novaya volna v serfinge istoricheskoy informatiki po tehnologicheskomu progressu' ["Digital turn" – the new wave at the surfing of historical informatics on the way of technological progress]. *Istoricheskaya informatika. [Historical informatics]*. 2019. № 3. C. 99 - 107. DOI: 10.7256/2585-7797.2019.3.30746 URL: [https://nbpublish.com/library\\_read\\_article.php?id=30746](https://nbpublish.com/library_read_article.php?id=30746) (in Russian)



13. Polovyi M. 'A forecast of international migration flows into EU countries until 2050', *Przegląd Politologiczny*. 2018. Iss. 4. pp. 79-87. <https://doi.org/10.14746/pp.2018.23.4.6>
14. Polovyi, M.A. 'Forecasting the dynamics of the potential of international migrations by 2050', *The Polish Migration Review*, 2017, #2, pp.72-84.