

Ioulia V. Ossokina

Expertise : Economic researcher; University lecturer; Project manager.

Research in : Urban econometrics; Urban informatics; Public economics

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The Netherlands.

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1 Employment

2016-onwards: Eindhoven University of Technology, assistant professor (UD1).

2014-onwards: Erasmus University Rotterdam, guest lecturer.

2003-2016: CPB Netherlands Bureau for Economic Policy Analysis, senior researcher, project manager

2 Education

2017: University teacher qualification (BKO).

2003-onwards: various courses in leadership and management; communication; econometrics and data science; programming software.

1998-2003 PhD, Erasmus University Rotterdam (the Netherlands).

1997-1998 MSc, Tilburg University (the Netherlands).

1993-1997 Bachelor, Moscow State University (Russia).

3 Professional activities

3.1 Research

Topics and techniques: Econometric and machine learning analysis of people's behaviour in cities, using high frequency big data, real estate and building performance data, restrictive access administrative data, experiments, immersive reality. Ex ante and ex post evaluation of welfare benefits and costs of policies. Development, construction and calibration of computable models and predictive web-based tools.

Collaboration: Coordination of research teams; supervision and coaching of researchers. Multi- and transdisciplinary collaboration. Intensive contacts with stakeholders (academia, Ministries, local authorities, public housing providers, real estate firms, engineering bureau's) and data suppliers (Statistics Netherlands, commercial and public organizations).

Publications in: Journal of Urban Economics; Journal of Economic Geography; Energy Economics; Transportation Research Part A Policy and Practice; Regional Science and Urban Economics; Computers, Environment and Urban Systems; and others.

PhD and EngD supervision: Tanis Karigar (defended 2022); Jianfei Li and Yuwen Zhao (expected 2023); Tije van Casteren and Vincent Roberdel (expected 2024). External member of PhD committees: Or Levkovich (2018 VU Amsterdam); Christophe Heyndrickx (2020 KU Leuven); Anna Straubinger (2022 VU Amsterdam).

Recent and ongoing projects:

- Energy-efficient cities: –Can energy-efficient home technologies help people out of energy poverty? (grant, with three universities and four public housing providers); –Co-creative digital spaces for energy transition in communities (grant, with a municipality and an energy collective); –Integrating behavioural econometrics into building performance simulation (with Building Physics TU Eindhoven).
- Inclusive and sustainable cities: –Do modern cities encourage or discourage walking of health-impaired seniors? (grant, with Architecture TU Delft); –Retail vacancy and transformation: will the cities cope? (with Retailagenda and 26 Dutch municipalities, finished).
- Urban transportation: –Will self driving cars lead to urban growth or decline? (with Ministry of Transport, finished); –Do highway widenings reduce congestion? (with Ministry of Transport, finished).

3.2 Teaching

Urban economics (Eindhoven, bachelor); Econometrics of housing markets (Eindhoven, master); Real estate portfolio management (Eindhoven, master); Econometrics of policy evaluation (Rotterdam, master); Cost-benefit analysis for civil servants (Academy of the Dutch Ministry of Finance).

3.3 Professional network, various committees

- Referee Journal of Urban Economics; Energy Economics; Journal of Regional Science; Transportation Research Part A; Transportation; Journal of Transport Geography; and others. Guest editor Real Estate Research Quarterly; TPEdigitaal.
- Member of networks of environmental and research economists (EAERE); urban economists (UEA); transportation economists (ITEA). Expert participant in the OECD Environmental Performance Review of the Netherlands 2014. Member: advisory councils of Statistics Netherlands; Eindhoven Regional Advisory Committee Retail.
- Other memberships: Education program committee TU Eindhoven (2020-onwards); Employees Council CPB Netherlands Bureau for Economic Policy Analysis (2015-2016); School council primary school Rotterdamse Schoolvereniging (2010-2016); Board of the Tinbergen Institute Alumni Association (2003-2013, from 2008 chair).

3.4 Awards, grants, commissioned work

- 2020-2025 Grant of Dutch Research Council (NWO): “Tenants' behavioural responses to residential energy transition: are intended energy savings feasible?”, main applicant in a consortium, 500K.
- 2019-2024 Grant MMIP3 of the Netherlands Enterprise Agency (RVO): “Energy transition and behaviour”, co-applicant in a consortium, 350K (out of the total 1.7M).
- 2020-2021 Grant Ontwerp en Overheid supported by Ministry of Interior/Ministry of Education: “Public spaces design for happy senior living”, 30K
- 2019-2020 Grant Netspar supported by the Dutch Ministry of Health: “Residential preferences of the elderly: impact of the need for care and family proximity”, 20K.
- 2018 Research in commission of Woonbedrijf, the largest public housing provider in Eindhoven: “Polarisation in the social sector Eindhoven”, 20K.
- 2017 Innovation fund subsidy TU Eindhoven: “Digital interactive economics for engineers”, 20K.
- 2016-2017 Lighthouse grant of the 4TU Center of Excellence for the Built Environment: “Happy senior living: best living concepts for the elderly”, 50K.

3.5 Conferences, symposia, invited seminars

- 2022: Co-organizer workshop “Simple web-based tools to co-create and find best home energy renovations for local communities” at SBE 2022 conference, Delft NL.
- 2021: Invited contribution 2021 Seneca congress for higher management in the care and cure sector (Lattrop NL); Invited speaker webinar Data about Living and Care (Platform Zorgzaam Wonen, online); Invited speaker "Seniors in the spotlight" at Real Estate Symposium Futureproof (online).
- 2019: Invited speaker China Round table on Green Urbanization and Environmental Improvement (PBL Netherlands Environmental Assessment Agency, The Hague NL).
- 2018: Keynote speaker workshop for Irish local authorities “Managing historic towns” (Ballina, Ireland); Invited speaker workshop “Retail vacancy and transformation” at the IPO congress of 12 Dutch provinces (Amersfoort NL); Invited speaker event Eurocommerce “Innovating in retail to keep cities vibrant” (Brussels, Belgium); Co-organizer and speaker symposium “Happy senior living: housing and care for elderly” (Rotterdam NL); Co-organizer and speaker policy seminar “Transport innovations and the long-term spatial policy” (Ministry of Interior and Ministry of Transport, The Hague NL).
- Various years: Invited seminars VU University Amsterdam; Erasmus University Rotterdam; Katholieke Universiteit Leuven; Statistics Netherlands; Ministry of Economic Affairs; Ministry of Transport; Dutch Railways. Conferences of Association of Environmental and Research economists, International Transport Economics Association; Urban Economics Association. Contributions to workshops “Urban Economics” IEB Barcelona (2016, 2018); “Market Studies and Spatial Economics” HSE Moscow (2018, 2019).

4 Personal

Born on 7 April 1977. Dutch national. Married, two children born 2004, 2008. Pro-active initiator and coordinator. Enjoys applying scientific techniques to solve real world challenges. Able to explain complex matters in a simple way. Multilingual: Dutch & English proficient; Russian mother tongue; Spanish & French medium; German basic.