

# Mohammad Vesal

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## Positions

- 2023 – present Associate professor, Graduate School of Management and Economics (GSME), Sharif University of Technology (SUT)
- 2020 – present Executive Manager, Sharif Data Research Center, Economic and Industrial Research Center, GSME, SUT
- 2021 – present Deputy of Research and International Relations, GSME
- 2014 – 2023 Assistant professor, GSME, SUT
- 2017 – 2021 Head of Economics Department, GSME, SUT
- 2021 – present Member of the tax research council, Iranian National Tax Organization
- 2019 Member of Economic Committee, National Flood Task Force
- 2015 – 2021 Member of Economic Committee, Urmia Lake Restoration Program
- 2020 – 2021 FAO National Consultant, Qazvin Water Productivity Project (GCP/RNE/009/SWE)
- 2017 – 2020, 2022 FAO National Consultant, Urmia Lake Restoration Program (GCP/IRA/066/JPN)
- 2015 – present ERF Research Associate
- 2015 – 2017 Consultant, Insurance Research Center

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## Education

- 2010 – 2014 Ph.D. Economics, London School of Economics and Political Science (LSE), London, UK. Advisors: Tim Besley, Henrik Kleven, Johannes Spinnewijn
- 2008 – 2010 M.Res. Economics (with Distinction), LSE, London, UK.
- 2005 – 2008 M.Sc. Economics, Sharif University of Technology, Tehran, Iran.
- 2000 – 2005 B.Sc. Electrical Engineering, Sharif University of Technology, Tehran, Iran.
- 2003 – 2005 B.Sc. in Petroleum Engineering (2<sup>nd</sup> degree), Sharif University of Technology, Tehran, Iran.
- 2011 – 2013 Post Graduate Certificate in Higher Education (PGCERT HE), LSE, London, UK.

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## Fields of Interest

Public Economics, Development Economics, Environmental and Resource Economics, Taxation

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## Teaching

GSME best teacher award, 2017, 2022

Lecturing at Sharif University of Technology:

- Public Economics: MSc 2019, PhD 2022.
- Development Economics (MSc): 2015, 2016, 2018, 2020, 2023.
- Environmental Economics (MSc): 2020, 2022, 2023.
- Microeconomics I (MSc): 2014, 2015, 2016, 2017, 2018, 2019.
- Econometrics I (MSc): 2014, 2015, 2016, 2017, 2018, 2019, 2021, 2022.
- Microeconomics II (PhD): 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022.
- Microeconomics II (MSc): 2015, 2020.

Research Method (MSc): 2015, 2016.

“Subject Guide for Development Economics”, University of London International Program, 2013.

Teaching Assistant at LSE:

Development Economics: UG 2011-12, Summer School 2012, MPA 2012-13 & 2013-14.

Public Economics (UG): 2010-11.

Economics B (UG Principles): 2009-10 & 2011-12.

Pre-sessional Math for MSc Economics: 2010.

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## Published papers

“Large-scale Affordable Housing Construction and Public Goods Provision: Evidence from Iran”, joint with Saeed Tajrishy, 2023, *Journal of Economic Geography*, 2023. [\[Link\]](#)

“The Double Dividend of a Joint Tariff and VAT Reform: Evidence from Iran”, joint with K. Yousefi, *World Bank Economic Review*, 37(2), 331-349, 2023. [\[Link\]](#)

“What do one hundred million transactions tell us about demand elasticity of gasoline?”, joint with A.H. Tavakoli and M.H. Rahmati, *Empirical Economics*, 62, 2021. [\[Link\]](#)

“Water-Energy Nexus-Based Economic Optimization of Water Supply Projects”, joint with H. Hamzekhiani, S. J. Mousavi, *ASCE Journal of Water Resources Planning and Management*, 147, 2021. [\[Link\]](#).

“The Impact of Short-term Exposure to Ambient Air Pollution on Test Scores”, joint with N. Amanzadeh, S.F. Fatemi Aredestani, *Population and Environment*, 41, 2020, 253-285. [\[Link\]](#)

“Import tax evasion and avoidance: Evidence from Iran”, joint with K. Yousefi and H. Pilvar, *Quarterly Review of Economics and Finance*, 75, 2020, pp. 31-39. [\[Link\]](#)

“The externality from communal metering of residential water: The case of Tehran”, joint with M.H. Rahmati and N. Taheri Hosseinabadi, *Water Resources and Economics*, 23, 2018, pp. 53-58. [\[Link\]](#)

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## Working papers

“Climate Change and Mortality: Evidence from Iran” Joint with P. Arab. 2023.

“The Distributional Effects of Climate Change: Evidence from Iran.” Joint with Amanzadeh, N., Arimura, T. H., Fatemi Ardestami, S. F. 2021, Available at SSRN 3795067.

*Presentations: 2020: Sharif University of Technology, Khatam University || 2021: European Association of Environmental and Resource Economists, Annual Conference of the Italian Association of Environmental and Resource Economists.*

“Get Ready, Natural Gas Is Coming: Household Consumption and Access to Natural Gas”, joint with M. H. Rahmati and S. Seyedi. November 2019.

“The Health Consequences of Subsidized Health Insurance: Evidence from Iran”, joint with M. Habibi and S.F. Fatemi Aredestan, November 2019.

“The Effect of Single-sex Schools on Educational Attainment: Evidence from Iran”, joint with D. Salehi-Isfahani, July 2018.

*Presentations: IAAE 2019, IIEA 2019, IESR 2018, Sharif University and Allameh Tabataba'i University.*

“Stimulus effect of the UK 2008 VAT rate cut”, August 2017.

“The Long Run Educational Impact of Iran-Iraq War”, July 2017. Presented in The First International Labor Market Workshop, Tehran.

“Optimization Frictions in Choice of the UK Flat Rate Scheme of VAT”, January 2014. Also presented in Royal Economic Society Annual Conference 2014, Public Economics UK Conference 2014, Oxford Center for Business Taxation, Doctoral Meeting 2013.

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## Published Farsi papers

- “The Lasting Effect of Iran Occupation in WWII on the Height of People in Tehran”, joint with Mokhtari M, Dadgar Y, Nofresti M, *Journal of Planning and Budgeting*. 2020: 25 (3).
- “Tax Incidence: A Case Study of Value-Added Tax in Iran”, joint with N. Sabouri, *Journal of Economic Research*, 52(4): 997-1023.
- “Price Limits and Stock Characteristics: Evidence from Tehran Stock Exchange (TSE)”, joint with M.H. Rahmati and S.M. Mousavi, *Journal of Economic Research*, 53(2), 2018: 345-366.
- “Economic Impact of Dams in Iran”, joint with M.S. Tajrishy, *Iran Water Resources Research*, 2019, 15(1): 247-256.
- “The link between number of children in the family and children’s educational outcomes”, joint with M.H. Rahmati and A. Fareghbal, *Iranian Journal of Population Studies*, 3(2), 2018: 91-116.
- “Testing for Asymmetric Information in Automobile Insurance Market an Iranian Insurance Company”, joint with M.H. Rahmati and N. Sedaghatkish, *Journal of Planning and Budgeting*, 23(1), 2018: 3-27.
- “Can Regulation Reduce Adverse Selection in Health Insurance in Small Firms?”, joint with M.R. Chaghomi, G. Keshavarz Haddad, and E. Kardgar, *Journal of Insurance Research*, 34(1), 2019: 23-41.
- “Between Group Asymmetric Information: Evidence from Group-based Supplementary Health Insurance”, joint with M.R. Chaghomi and G. Keshavarz Haddad, *Journal of Economic Research*, 55(1), 2020: 215-232.
- “The Effects of Short-Term Exposure to Air Pollution on Mortality: The Case of Six Metropolitan Areas in Iran”, joint with M.H. Rahmati and V. Moghani, *Economic Research Journal*, 20(2), 2020: 53-76.
- “The Impact of Blackout on Manufacturing: Evidences from Iran’s Industrial Plants”, joint with K. Yousefi, *Quarterly Journal of Economic Research and Policies*, 92, 2019: 69-88.
- “An Evaluation of the Impact of Support Policies on the Transition of Knowledge-based Firms to the Growth Stage”, joint with Eshraghi, A. and I. Miremadi, *Journal of Science & Technology Policy*, 13(1), 2020: 37-53.

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## Policy projects

- “Evaluating the impact of note 7, article 105 of the Direct Tax Law”, Iranian National Tax Administration, 2023.
- “An assessment of private sector's role in traffic law enforcement”, Center for Infrastructure Sustainability and Resilience Research, Sharif University of Technology, policy report, 2020.
- “Designing a water market for Hassanlou region in Urmia Lake basin”, Urmia Lake Restoration Program, policy report, 2020.
- “An agricultural economic model of Urmia Lake basin”, Urmia Lake Restoration Program, policy report, 2020.
- “The role of Iran’s education system in human capital formation” (with Djavad Salehi-Isfahani), policy paper presented in The First International Labor Market Workshop, Tehran, September 2017.
- “Tax preferences for small and medium size enterprises”, Iran Chamber of Commerce, policy paper, 2017.
- “An economic assessment of Urmia Lake situation”, Urmia Lake Restoration Program, policy report, 2016.
- “An assessment of the success of ICT regulation in Iran”, Iran Competition Center, policy report, 2016.
- “Tax policies to support long run sustainable growth”, Institute for Management and Planning Studies, policy report, 2016.

“Feasibility study of establishing a business park in Tehran’s Bazaar”, Tehran Municipality, 2015.