

MEHDI FADAEI

CURRICULUM VITAE

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Personal Information

Address

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Current Positions

Assistant Professor in Economics, Institute for Management and Planning Studies (IMPS),
Tehran, Iran, Since 2012.

Director-General of Research Affairs, Institute for Management and Planning Studies (IMPS),
Tehran, Iran, Since 2016.

Deputy Head of the Economic Department, Institute for Management and Planning Studies
(IMPS), Tehran, Iran, Since 2016.

Previous Positions

Head of industrial policies research group, Institute for Management and Planning
Studies (IMPS), Tehran, Iran, 2014-15.

Director-General of Faculty Affairs, Institute for Management and Planning Studies
(IMPS), Tehran, Iran, 2012.

Fields of Interest

Industrial Organization, Environmental and Resource Economics, Game Theory, Economics
of Energy, Applied Microeconomics

Education

- 2012 **Ph.D. in Economics**, University of Bologna, Italy
Dissertation title: Essays in Environmental Economics
Supervisor: [Luca Lambertini](#)
- 2008 **M.Sc. in Socio-Economic Systems Engineering**, Major of Economics,
[Institute for Management and Planning Studies \(IMPS\)](#), Iran
Dissertation title: Study of household demand for cars in Iran by using
household budget survey
- 2003 **B.Sc. in Mechanical Engineering**, [Khaje Nasir Toosi University](#), Iran
Final project: Optimization of energy consumption in water-cooled chillers
- 1995 **Diploma Major in Mathematics and Physics**, [National Organization for
Development of Exceptional Talents](#) Highschool, Tehran, Iran

Visiting Periods

- Jul 2011-Sep 2011 Visiting Ph.D., WU Vienna University of Economics and Business
Host: [Engelbert Dockner](#)
- Mar 2011-May 2011 Visiting Ph.D., Tilburg Sustainability Center, CentER, Tilburg University
Host: Aart de Zeeuw
- May 2011 ECORE Summer School, CORE, Université catholique de Louvain, Belgium
- April 2010 Spring School in Economics, University of Venice, Italy
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Publications

- Fadaee, M. and M. Motaffef (2017), "Strategic Interactions between a Fossil Fuel Cartel and a Coalition of Buyers: a Dynamic Approach", *The Journal of Planning and Budgeting*, Vol 21, 1, 105-122.
- Fadaee, M. and L. Lambertini (2015), "Non-Tradeable Pollution Permits as Green R&D Incentives", *Environmental Economics and Policy Studies*, Vol 17, 1, 27-42.
- Esfahani, H., M. Fadaee and A. Hajialiyari (2017), "States' Co2 Emissions in Iran: a Spatial Econometrics Approach", *Journal of Economic Research*.
- Fadaee, M. and M. Shahbazi (2017), "The Relationship between Production Inputs, and Energy Carriers in Iran's Manufacturing Sector", *The Journal of Planning and Budgeting*.
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Working Papers

- "Is Trade Liberalization Bad for the Environment? Asymmetries Make Differences", with H. Esfahani.
- "Do Oligopolistic Firms Benefit from Being Forced to Act Non-Strategically?", with E. Dockner and H. Esfahani, 2013.
- "A Dynamic Approach to the Environmental Effects of Trade Liberalization", 2011. Working Papers 746, Dipartimento Scienze Economiche, Universita' di Bologna
- "Inducing Monopolistic firm to Purify the Environment-Damaging Pollution by an Import Policy", with H. Esfahani
- "A spatial voting model of electoral competition with non-fixed number of voters", with H. Esfahani and L. Lambertini
- "Quality choice in a spatial model of product differentiation", with H. Esfahani and L. Lambertini
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Paper Presentation at International Conferences

- [41st Annual Conference of the European Association for Research in Industrial Economics \(EARIE\)](#), 29-31 August, 2014, Milan, Italy
- [XXXIV Simposio de la Asociación Española de Economía \(SAEe\)](#), 13-15 December 2012, Universidad de Vigo, Spain
- [4th World Congress of the Game Theory Society](#), 22 -26 July 2012, Istanbul Bilgi University, Turkey

12th Viennese Workshop on Optimal Control, Dynamic Games and Non-linear Dynamics, 29 May-2 June 2012, Vienna University of Technology, Austria
18th Annual Conference of the European Association of Environmental and Resource Economist (EAERE), 29 June-2 July 2011, University of Rome Tor Vergata, Italy
ECORE Summer School, 23-26 May 2011, CORE, Université catholique de Louvain, Belgium
XXXV Simposio de la Asociación Española de Economía (SAEe), 16-18 December 2010, Universidad Autónoma de Madrid, Spain
2nd Workshop on Dynamic Games in Economics, 13-14 December 2010, the Rimini Center for Economic Analysis, Rimini, Italy
Annual meeting of the Association of Southern European Economic Theorists (ASSET), 29-30 October 2010, University of Alicante, Spain
12th European Network on Industrial Policy International Conference (EUNIP), 9-11 June 2010, Universitat Rovira i Virgili, Spain
7th Augustin Cournot Doctoral Days, 7-9 April 2010, University of Strasbourg, France
4th Doctoral Workshop, Economic Behavior and Interaction Models (EBIM), 14-15 December 2009, University of Bielefeld, Germany

Grants and Scholarships

Doctoral Fellowship, Italian Ministry of Education (2008 - 2011)
Visiting research Grant, University of Bologna (2011)
Forth year PhD Scholarship, University of Bologna (2011-2012)

Teaching Experience

Institute for Management and Planning Studies, Tehran, Iran:

- Advanced Microeconomics (Ph.D. in Economics)
- Advanced Microeconomics (M.Sc. in Socio-economic systems engineering)
- Economics of Energy (Master in Socio-economic systems engineering)
- Industrial Organization (Master in Socio-economic systems engineering)
- Resource Economics (Master in Socio-economic systems engineering)

University of Bologna-Forli (Teaching Assistant):

- Game Theory (Graduate level) , 2011
 - Industrial Economics (Graduate level) , 2011
 - Labor Economics (Graduate level) , Fall 2010
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Graduate Thesis Supervision

Maryam Asghari, *Exploitation of a Common Groundwater Resource: a Dynamic game Approach*, M.Sc. in Socio-economic systems engineering, 2017.

Mehrnaz Loloie, *The Cartel-Fringe Equilibrium with Sluggish Demand*, M.Sc. in Socio-economic systems engineering, 2016.

Elmira Nasri, *Electricity market equilibrium and the incentive for capacity investment*, M.Sc. in Socio-economic systems engineering, 2016.

Marzieh Motaffef, *Strategic Interactions between a Fossil Fuel Cartel and the Buyers Coalition: a Dynamic Approach*, M.Sc. in Socio-economic systems engineering, 2016.

Asma HajiAliyari, *Spatial analysis of Iran state-level energy emissions*, M.Sc. in Socio-economic systems engineering, 2016.

Mahmoud Shahbazi, *Energy demand and energy-related CO2 emissions in Iranian manufacturing: a dynamic approach*, M.Sc. in Socio-economic systems engineering, 2016.

Morteza Poorseif, *The effect of ownership structure on performance of listed companies in Tehran Stock Exchange*, M.Sc. in Socio-economic systems engineering, 2015.

Raheleh Falahati, *The effect of competition on risk-taking of Iranian commercial banks*, M.Sc. in Socio-economic systems engineering, 2015.

Amir Shamlooei, *The Relation between Energy Consumption and GDP in MENA Countries*, M.Sc. in Socio-economic systems engineering, 2014.

Co-supervision

1 Ph.D. and 8 M.Sc. thesis

Professional Affiliations

Member of: European Association for Research in Industrial Economics; Game Theory Society; European Association of Environmental and Resource Economists; American Economic Association; Royal Economic Society

Research Projects

"Substitution between energy and capital in the manufacturing sector of Iran", IMPS, Tehran, Iran, (2016).

"Stagflation and the role of industry in Iran", Industrial policies research group, IMPS, Tehran, Iran, (2014)

"Energy subsidies in Iranian manufacturing sector", Industrial policies research group, IMPS, Tehran, Iran, (2014)

"Industrial Parks and Rural Regions in Iran, Survey and Organizing", Iran Small Industries and Industrial Parks Organization, (2009)

"Survey on Manufacturing Firms in Iran-from Micro to Large size", IMPS, (2008)

"Rural Industrialization in Iran and the Role of SMEs in Industrialization", Iran Small Industries and Industrial Parks Organization, (2008)

"Estimation of Poverty Index in different region of Iran", IMPS, (2006-2007)

"Feasibility Study for Foreign Investment Projects", Iran Foreign Investment Corporation, (2007)

"Survey of Iran's FDI, Inflow and Outflow", Iran Foreign Investment Corporation, (2006)

"Study about the Role of Incubators in Economic Growth and Development", Tehran Rooyesh Incubator, (2005)
