

# Mojgan Samandar A. E. Ph.D.

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Dynamic and results driven Economist with over five years of experience in economic research, policy evaluation, and advanced statistical analysis. Expertise in interpreting complex macroeconomic trends and financial market data to provide actionable insights for informed decision making. Proficient in managing and analyzing large datasets, employing data visualization, econometric modeling, and machine learning techniques such as time series analysis and forecasting. Strong communication, critical thinking, and problem-solving skills, with a proven track record of collaborating across teams to deliver impactful research and strategic recommendations.

## Skills

<b>Data Techniques</b>	Predictive Modeling, Econometrics, Data Visualization, Machine Learning, Web Scraping, Scientometrics, Bibliometrics, Focus Group, Survey, Case Studies, Narrative & Systematic Literature Review
<b>Software</b>	R/R Studio, Shiny, Python, Sci2, Microsoft Office Suite (Word, Excel, PowerPoint), Power BI, Tableau, Stata, EViews, MS SQL Server, PostgreSQL, Cassandra
<b>Soft Skills</b>	Analytical and Critical Thinking, Interpersonal Skills, Communication Skills, Organizational Skills
<b>Languages</b>	English (Fluent), French (Beginner), Persian (Native)

## Relevant Professional Experience

Nov 2018 – Dec 2022	<b>Research Faculty Member</b> , National Research Institute for Science Policy (NRISP), Tehran, Iran <ul style="list-style-type: none"><li>○ Led multiple research projects on policy evaluation and innovation strategy.</li><li>○ Conducted impact assessments, costbenefit analyses, and policy evaluations using econometrics and data analytics. Collaborated with government ministries to provide datadriven advisory services and recommendations.</li><li>○ Authored nine policy reports that influenced national policy formulation.</li></ul>
Nov 2020 – Nov 2021	<b>Head of Department</b> , Department of STI Monitoring , National Research Institute for Science Policy(NRISP), Tehran, Iran <ul style="list-style-type: none"><li>○ Redefined the department's mission and strategies.</li><li>○ Contributed to strategic decisionmaking as part of the institution's Central Council.</li><li>○ Played a key role in restructuring NRISP's research groups in 2020.</li></ul>
Sep 2018 – Mar 2019	<b>Market Research Analyst</b> (Economic Expert), Jofreh United Industries Company, Tehran, Iran <ul style="list-style-type: none"><li>○ Conducted market research to assess economic trends and forecast product demand.</li><li>○ Evaluated pricing strategies and market competition through regression analysis.</li><li>○ Analyzed customer datasets to optimize marketing initiatives.</li></ul>

## Education

- May 2024     **M.Sc. in Big Data Analytics**, Trent University, Peterborough, Canada| GPA: 91.33  
Project: Labor Market Landscape for Economics Graduates in Canada
- May 2015     **Ph.D. in Economics**, Scuola Superiore Sant'Anna di Pisa , Pisa, Italy  
Thesis: Essays in Economics of Innovation
- May 2011     **M.Sc. in Industrial Economics**, Gothenburg University , Gothenburg, Sweden| GPA: 95  
Thesis: Corporate Governance and Default Risk

## Certifications

- Jan 2011     **Adapting Behavior in a Fundamentally Uncertain World**, IMPRS Uncertainty School, Max Planck Institute of Economics, Jena, Germany
- Jan 2012     **Time Series Analysis**, CIDE (Interuniversity Centre of Econometrics), University of Torino, Bertinoro, Italy
- Apr 2022     **Advanced Patent Course**, WIPO
- Mar 2022     **Specialized Course on the Essentials of Patents**, WIPO

## Funded Projects

- 2020-2021     **Educational Strategies for Entrepreneurial Universities**  
Supported by the Ministry of Science, Research and Technology  
**Role:** Principal Investigator  
**Skills:** The Interpretive Structural Modeling (ISM), focus group analysis, framework synthesis, R, Excel, Survey Design, Educational Policy Assessment
- 2018-2019     **Means to Improve Iran's National Innovation System Efficiency**  
Supported by the National Research Institute for Science Policy (NRISP)  
**Role:** Main Researcher  
**Skills:** R, STATA, Data Envelopment Analysis (DEA), Tobit Model Analysis, Statistical Reporting
- 2019-2020     **Identifying Iran's Knowledge Frontier Products**  
Supported by NRISP  
**Role:** Main Researcher  
**Skills:** Economic Complexity Analysis, R Programming, Data Analysis, Comparative Economic Studies, Statistical Reporting
- 2017-2018     **Research Core on Equitable Share of Production Factors in the Iranian Economy**  
Supported by the Social Security Organization Research Institute.  
**Role:** Main Researcher  
**Skills:** R Programming, Data Collection Techniques, Economic Equity Analysis, Policy Research
- 2016     **Report on Digital Economy Performance and Its Prospects in the World**  
Supported by the Ministry of Information and Communications Technology of Iran.  
**Role:** Main Researcher  
**Skills:** Stata, R Programming, Data Collection and Analysis, Digital Economy Assessment, Policy Recommendation

## Selected Publications

- **Samandar Ali Eshtehardi, M.**, "Labor Market Landscape for Economics Graduates in Canada," *Canadian Public Policy/Analyse de politiques*, Forthcoming March 2025.
- Molazade, **M Samandar Ali Eshtehardi, M.**, Hafezi, R.; (2024) Sustainable Fashion and Circular Economy: Historical Trends and Future Orientations. In A. Stefanakis, & K. Tsagarakis, Circular Economy and Sustainable Development: a necessary nexus for a sustainable future, *Springer*.  
<https://link.springer.com/book/9783031660061#aboutthisbook>.
- **Samnadar Ali Eshtehardi, M.**, (2022) Interpretive Structural Modelling of Educational Strategies for Entrepreneurial Universities, *Quarterly Journal of Research and Planning in Higher Education*, forthcoming. Volume 28, (2): 3364. URL: <http://journal.irphe.ac.ir/article14745en.html> .
- **Janavi, E., Mansourzadeh, M. J., Samandar Ali Eshtehardi, M.** (2020), "A Methodology for Developing Scientific Diversification Strategy of Countries," *Scientometrics*. DOI: [10.1007/s11192020036851](https://doi.org/10.1007/s11192020036851)
- **Samandar Ali Eshtehardi, M., Bagheri, S.K., Di Minin, A.** (2016), "Regional Innovative Behaviour: Evidence from Iran," *Technological Forecasting & Social Change Journal*. DOI: [10.1016/J.TECHFORE.2016.02.011](https://doi.org/10.1016/J.TECHFORE.2016.02.011)

## Awards

- Postdoctoral Fellowship, National Elites Foundation, Iran, 2017–2018
- Best Paper Award, 5th International Conference on Management of Technology, Tehran, 2015
- Full Ph.D. Scholarship, Sant'Anna School of Advanced Studies, Italy, 2011–2014
- Erasmus Scholarship, Sant'Anna School of Advanced Studies, Italy, 2014

## Workshop and seminar design

- Workshop on Scientometrics & Bibliometrics in Social Science, 2nd June 2022, Business Management and organization group, Wageningen University, Wageningen, Netherlands.
- A series of seminars on “Entrepreneurial University: form theory to practice”, 24 September 2019, 15 January 2019, 23 January 2021, 27 January 2021, 17 February 2021, 3 March 2021, National Research Institute for Science Policy (NRISP).
- A Seminar on Strategies to fulfil Entrepreneurial education mission, 10 October 2021, National Research Institute for Science Policy (NRISP).
- A Workshop on Systematic literature search, 13 March 2022, AmirKabir University, Tehran, Iran.
- A Seminar on Policies to increase economic efficiency in Iran's national innovation system, 26 August 2020, National Research Institute for Science Policy (NRISP).
- Workshop on Intellectual Property Game for the age group of 912 years, From 10 to 14 of November 2019, National Research Institute for Science Policy (NRISP).