

DUYGU BUYUKYAZICI, PHD

NAME: Duygu Buyukyazici

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WORK EXPERIENCE

09/2025-present	LSE Fellow in Innovation Policy, Department of Geography and Environment, London School of Economics and Political Science, United Kingdom
03/2024-08/2025	Post-doctoral researcher at the UNESCO Bernard Maris Chair, LEREPS, Science Po Toulouse, Toulouse University Capitole, France
07/2023-06/2025	Post-doctoral fellow at the Department of Economics and Statistics Cognetti De Martiis, University of Turin, Italy
10/2022-06/2023	Post-doctoral researcher at the Laboratory for the Analysis of Complex Economics (Axes), IMT School for Advanced Studies Lucca, Italy
02/2017-07/2022	Doctoral researcher at the Laboratory for the Analysis of Complex Economics (Axes), IMT School for Advanced Studies Lucca, Italy

SCHOLAR APPOINTMENTS

01/2025- 12/2027	Early Career Editor for the journal <i>Regional Studies</i>
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EDUCATION

02-2017-07/2022	DOCTORATE DEGREE Economics, Management and Data Science IMT School for Advanced Studies Lucca, Italy
09/2014-06/2016	MASTER'S DEGREE Economic Theory Istanbul University Grade: Summa Cum Laude 3.98/4.00
09/2010-06/2014	BACHELOR'S DEGREE Economics Istanbul University Grade: Summa Cum Laude 3.78/4.00
02/2012-07/2015	BACHELOR'S DEGREE Art History (double-major) Istanbul University Grade: Magna Cum Laude 3.02/4.00
09/2012-03/2013	ERASMUS, STUDENT EXCHANGE Economics Université Paris 1 Panthéon-Sorbonne - Paris, France

VISITING

01/2025-03/2025	Visiting Post-doctoral researcher at the Human Geography and Spatial Planning Department, Utrecht University, Utrecht, Netherlands
01/2023 - 05/2023	Visiting post-doctoral scholar at the Artificial and Natural Intelligence Institute (ANITI), University of Toulouse, France

PROJECTS

09-2024- 03-2025	Has Europe Overcome the Status Quo Bias? Institutions and Circular Economy Transition in the European Regions
Funder	The Italian section of the Regional Science Association International (AISRe)
Role	Project Owner
07-2023-07/2025	Ecosystems of Innovation for the Circular Economy: Data and Empirics in the Context of PNRR GRINS Growing Resilient, INclusive and Sustainable Project
Funder	The European Union - NextGenerationEU
Role	Research Fellow
10-2022-06/2023	Economic Shocks on the Tuscan Economy: International Competition, Energy Crisis, and the COVID-19
Funder	The Tuscany Region
Role	Research Fellow
04/2021-07/2022	Advanced Robotics and Enabling Digital Technologies and Systems (ARTES 4.0)
Funder	The Italian Ministry of Economic Development
Role	Researcher

PUBLICATIONS IN JOURNALS

Buyukyazici, Duygu and Francesco Quatraro (2025) *The Skill Requirements of the Circular Economy*. *Ecological Economics*. Vol. 232. <https://doi.org/10.1016/j.ecolecon.2025.108559>.

Buyukyazici, Duygu (2024). *Digital Skills and Industrial Diversification of Regions*. *Regional Studies, Regional Science*. Vol. 11(1). <https://doi.org/10.1080/21681376.2024.2388075>.

Buyukyazici, Duygu and Francesco Serti (2024). *Innovation Attitudes and Religiosity*. *Research Policy*. Vol. 53(7). <https://doi.org/10.1016/j.respol.2024.105051>.

Buyukyazici, Duygu, Leonardo Mazzoni, Massimo Riccaboni, and Francesco Serti. (2024). *Workplace Skills as Regional Capabilities: Relatedness, Complexity, and Industrial Diversification of Regions*. *Regional Studies*. Vol. 58(3). <https://doi.org/10.1080/00343404.2023.2206868>.

Buyukyazici, Duygu (2023). *Skills for Smart Specialisation: Relatedness, Complexity and Evaluation of Priorities*. *Papers in Regional Science*. Vol. 102(5). <https://doi.org/10.1111/pirs.12756>.

Buyukyazici, Duygu. *Beyond the Known Lands: Arts and Economics / Bilinen Toprakların Ötesinde: Sanat ve İktisat, İktisat ve Toplum*, Volume 81, pp. 59-73, July 2017.

Buyukyazici, Duygu. *Theoretic Approach to Cultural Policy with the Help of Demand Analysis in the Scope of the Economics of Art and Culture: The Turkish Case / Kültür ve Sanat Ekonomisi Kapsamında Talep Analizleri Yardımı ile Kültür Politikasına Teorik Yaklaşım Türkiye Örneği*. *Journal of The International Scientific Researchers*, Volume 1, Issue 1, pp.71-83, 2016.

WORKING PAPERS

Buyukyazici, Duygu, Olivier Brossard, Ron Boschma. *Circular Economy Transition of European Regions: The Role of Regulatory, Normative, and Cultural-Cognitive Institutions.* Papers in Evolutionary Economic Geography (PEEG) 2513, Utrecht University, Department of Human Geography and Spatial Planning, Group Economic Geography, 2024.

Buyukyazici, Duygu and Eva Coll Martinez. *Skills Composition of the Cultural and Creative Industries and Regional Specialisation Opportunities.* Papers in Evolutionary Economic Geography (PEEG) 2421, Utrecht University, Department of Human Geography and Spatial Planning, Group Economic Geography, 2024.

Buyukyazici, Duygu. *The Gender Dimension of Industrial Diversification: What is the Role of Skills Gap?* Papers in Evolutionary Economic Geography (PEEG) 2319, Utrecht University, Department of Human Geography and Spatial Planning, Group Economic Geography, 2023.

Nutarelli, Federico, Duygu Buyukyazici, Massimo Riccaboni. *Ramsey Pricing of Pharmaceuticals? A Debiased Machine Learning Analysis.*

POLICY REPORTS

Buyukyazici, Duygu, Francesco Serti, Angelo Facchini. *The Vulnerability of Tuscany to Energy Price Shocks: Insights from Energy Consumption and Energy Intensity Patterns of Tuscan Firms, Industries, and Territories,* Technical Report. 2023. <http://dx.doi.org/10.13140/RG.2.2.14264.11520/2>.

CONFERENCES

Circular Economy Transition of European Regions: The Role of Regulatory, Normative, and Cultural-Cognitive Institutions. The Italian Conference on Regional Sciences, 9-12 September 2025, Pescara, Italy.

Has Europe Overcome the Status Quo Bias: Institutions and Circular Economy Transition in the European Regions. RSA Annual Conference, 6-9 May 2025, Porto, Portugal.

The Geography of the Skills of the Cultural and Creative Industries. ERSA Congress, 26-30 August 2024, Terceira Island, Portugal.

The Skills of the Creative Industries and Economic Complexity of Regions. The Geography of Innovation Conference (GEOINNO), 10-12 January 2023, Manchester, UK.

Creative Industries and Economic Complexity of Regions. Rethinking Clusters: 6th International Conference on Cluster Research, 28-29 September 2023, Valencia, Spain.

Gender Dimension of Regional Capabilities and Industrial Diversification of Regions: What is the Role of Skills Gap? 62nd ERSA Congress, 28 August-1 September 2023, Alicante, Spain.

Gender Dimension of Regional Capabilities and Industrial Diversification of Regions: What is the Role of Skills Gap? DRUID 2023, 10-12 June 2023, NOVA School of Business and Economics, Lisbon, Portugal.

Skills for Smart Specialisation: Relatedness, Complexity and Evaluation of Priorities. The 15th FIW Research Conference on International Economics, 23-24 February 2023, the Vienna University of Economics and Business, Vienna, Austria.

Workplace Skills as Regional Capabilities: Relatedness, Complexity, and Industrial Diversification of Regions. The 69th Annual Conference of the Italian Economic Association, 20-22 October 2022, Turin, Italy.

Unpacking the Black Box of Workplace Skills: Relatedness, Complexity, and Industrial Specialization. Global Conference of Economic Geography, 7-10 June 2022, Dublin, Ireland.

Beyond the Known Lands: Arts and Economics / Bilinen Toprakların Ötesinde: İktisat ve Sanat. The Fifth International Conference on Economics, Turkish Economics Association, 20-22 October 2016, Mugla, Turkey.

Theoretic Approach to Cultural Policy with the Help of Demand Analysis in the Scope of the Economics of Art and Culture: The Turkish Case. The First International Scientific Researchers Conference, 19-22 May 2016, Madrid, Spain.

Demand Analyses in the Economics Art and Culture and Cultural Policy. IMUCO International Multidisciplinary Conference, 21-22 April 2016, Antalya, Turkey.

SELECTED SEMINARS

Invited Seminar on Circular Economy and Institutions, the Human Geography and Spatial Planning Department, Utrecht University, 05 February 2025, Utrecht, Netherlands

Fifth UNESCO Bernard Maris Chair Work-in-Progress Seminar, 29 November 2024, Toulouse, France.

Online Seminar for the Italian section of the Regional Science Association International (AISRe), 04 October 2024.

Fourth UNESCO Bernard Maris Chair Work-in-Progress Seminar, 28 March 2024, Toulouse, France.

Regional Science Association International- British Irish Section - Early Career Colloquium. 09-10 November 2023.

Cipenso Project, POR FSE 2014/20 Borse di ricerca su tematiche culturali e socio economiche. 11 November 2022, Florence, Italy.

Regional Science Association International- British Irish Section - Early Career Colloquium. 03-04 November 2022.

KID 2022 Knowledge Dynamics, Industrial Evolution, Economic Development. 04-08 July 2022, Nice, France.

SCHOLARLY REVIEWS

Economic Geography; The European Physical Journal (EPJ) Data Science; Papers in Regional Science; Scientific Reports; Spatial Economic Analysis; Environment and Planning A: Economy and Space; Environmental Innovation and Societal Transitions.

PROFESSIONAL MEMBERSHIPS

The Regional Studies Association; The Italian Association of Regional Sciences (AISRe).

HONORS AND AWARDS

- Roberto Camangi post-doctoral scholarship by the Italian section of the Regional Science Association International (AISRe), 2024.
- Research grant by European Union – NextGenerationEU on the project *Ecosystems of innovation for the Circular Economy: data and empirics* at the Department of Economics and Statistics “Cognetti De Martiis” University of Turin, 2023.
- Research grant by the Tuscany Region on the project *Economic Shocks on the Tuscan Economy: International Competition, Energy Crisis, and the COVID-19* at IMT School for Advanced Studies Lucca, 2022.

- Full PhD Scholarship, IMT School for Advanced Studies Lucca by the Italian Ministry of Education, University and Research & the Fondazione Cassa di Risparmio di Lucca, 2016.
- High Honor Student, Bachelor's Degree in Economics, Istanbul University, 2014.
- Honor Student, Bachelor's Degree in Art History, Istanbul University, 2015.

LANGUAGES

- English (Proficient)
- Turkish (Native)
- Italian (Beginner)
- French (Beginner)

SOFTWARE

R, Stata, Office, Tex, Gephi, QGIS