

SRISHTI GOYAL

Athens, Greece

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Economic modeller specialising in applied macroeconomic, CGE and environmentally extended input-output analysis. Experienced in assessing the macroeconomic, sectoral and distributional effects of climate, energy and trade policies through European Commission-funded projects. PhD in Economics with research spanning international trade, carbon-emissions transmission and sustainable development.

EDUCATION

Ph.D. Economics , Universitat Rovira i Virgili, Spain	Oct. 2021 - Feb. 2025
Visiting PhD student, University of Sussex, United Kingdom	Sep. 2023 - Dec. 2023
M.Sc. Economics , TERI University, India	Jul. 2014 - May 2016
B.A. (Hons.) Economics , University of Delhi, India	Jul. 2011 - May 2014

RESEARCH INTERESTS

General Equilibrium Modelling, Applied Macroeconomics, Environmental Economics, Development Economics

LANGUAGES

English (fluent), Hindi (native), Spanish (basic)

SKILLS

Modelling	GEM-E3, CGE modelling, EE-MRIO analysis, input-output impact analysis
Methods	Structural decomposition analysis, hypothetical extraction method, scenario analysis
Software	MATLAB, GAMS, R, GEMPACK, Python, Stata, EViews
Databases	GTAP, OECD ICIO, EXIOBASE

ACCOMPLISHMENTS, HONOURS AND AWARDS

- Ph.D. dissertation awarded *Excellent ‘Cum Laude’*, 2025.
- Marie Skłodowska-Curie Actions – MFP COFUND Fellowship (Sep. 2021 to Sep. 2024).
- Double promotion following my first-year performance review at Young Lives India, 2019.
- First-ever Research Associate at Young Lives India without a Ph.D. degree, 2018.
- Ranked amongst the top 15% in the M.Sc.; A+ Grade in master’s thesis on ‘Dematerialization and Income Distribution’, 2016.
- Sh. Dhani Ram & Shakuntala Sud Memorial Prize for all-round performance during the B.A., 2014.
- Hindustan Pratibha Samman for excellence in academics (Grade 12), 2011.

EMPLOYMENT

Economic Modeller, E3 Modelling S.A. (a Ricardo company, member of WSP), Greece October 2025 - Present

- Conduct macroeconomic and policy analysis using the GEM-E3 computable general equilibrium model, assessing the economy-wide, sectoral, employment, fiscal, and distributional effects of climate, energy, and trade policies.
- Develop, implement, and interpret policy scenarios covering decarbonisation, emissions trading, international trade, industrial transition, and climate-policy pathways.
- Contribute to European Commission and Horizon Europe projects, including ENTICE and NEWPATHWAYS, as well as assessments supporting DG CLIMA and DG MOVE.
- Analyse model outputs and translate quantitative findings into technical reports, policy conclusions, and client-facing deliverables.
- Collaborate with the PRIMES and OPEN-PROM modelling teams as part of the GEM-E3 team to deliver integrated assessments linking macroeconomic outcomes with energy, electricity, transport, and industrial systems.

Postdoctoral Researcher, Universitat de Barcelona, Spain

June 2025 - September 2025

- Supported work to extend the *Good Life for All Within Planetary Boundaries* dataset by conducting EXIOBASE 3.9-based analysis of material, energy, water, land, and emissions footprints for 2019 and 2022.
- Provided environmentally extended input-output modelling expertise to the MAPS project, integrating environmental and social indicators into macroeconomic sustainability assessments.

Martí i Franquès COFUND Fellow, Universitat Rovira i Virgili, Spain

September 2021 - September 2024

- Conducted doctoral research culminating in the dissertation '*Essays on Climate Change and its Distributional Impacts: CO₂ Emissions Transmission in an Integrated Global Economic System*', using a general equilibrium perspective.
- Taught World Economy in Fall 2022 and Introduction to Macroeconomics in Spring 2024 to third and first-year bachelor's batches, respectively.
- Teaching Assistant for the Regional Economics course of the first year Master's batch in Spring 2023.

Research Associate, Young Lives India, India

December 2018 - March 2021

- Conducted quantitative and mixed-method research for projects commissioned by UNICEF, FCDO, the Children's Investment Fund Foundation, and Indian public institutions.
- Analysed longitudinal, demographic, and administrative datasets covering education, disability, child marriage, migration, health, nutrition, and social protection.
- Contributed to evaluation design, survey development, data management, field research, statistical analysis, and the interpretation of research findings.
- Prepared technical reports, policy briefs, dashboards, factsheets, presentations, and other dissemination materials for institutional partners.
- Coordinated research activities, stakeholder engagement, workshops, and capacity-building processes across multi-partner projects.

Research Consultant, UNESCO-MGIEP, India

April 2016 - March 2017

For the project 'Rethinking Schooling for the 21st Century':

- Revised & finalized the methodological framework for reviewing economics textbooks/documents.
- Undertook thematic coding to analyze the presence of SDG 4.7 concepts in the school level economics textbooks, curricula, and syllabi for six Asian countries (Bangladesh, Bhutan, Hong Kong (China), India, Singapore, Sri Lanka).
- Supported in conducting the workshop for the country-level consultants on coding & analysis.
- Wrote the background report based on the analysis that fed into the final report.

EXTRACURRICULAR PROFESSIONAL ENGAGEMENTS

Board Secretary, Wavemakers United Foundation

Oct. 2025 - Present

Editorial Board Member, Marie Curie Alumni Association (MCAA) Newsletter

Jul. 2024 - Present

Committee Member, AERE Graduate Student Engagement Committee

Aug. 2024 - Jun. 2025

Mentor/Mentee, Women in Economics

Oct. 2022 - Jul. 2023

Regional Focal Point, Humanitarian Affairs Working Group, UN MGCY

Mar. 2019 - Apr. 2021

Research Intern, Federation of Indian Chambers of Commerce and Industry (FICCI)

May - Jul. 2015

Coordinator, Economics Association, JDMC, University of Delhi

Jul. 2013 - May 2014

Member of the Editorial Team, Ecogene, JDMC, University of Delhi

Jul. 2013 - May 2014

PUBLICATIONS

Peer-Reviewed Journal Article

- Goyal, S., & Llop, M. (2024). The shipping industry under the EU Green Deal: An Input-Output impact analysis. *Transportation Research Part A: Policy and Practice*, 182.

Book Chapter

- Goyal, S., & Chopra, V. (2017). TRIAD & BRIC MNEs: Will the Internationalization Strategies Converge? In R.V. Tulder, A. Verbeke, J. Carneiro, & M.A. Gonzalez-Perez (Eds.), *The Challenge of BRIC Multinationals: Volume 11* (pp.93 – 143). Emerald Group Publishing Limited.

Other Publications

- Goyal, S. (2026, May 27). Are we transforming systems or preserving them? *The Fifth Element*.
- Goyal, S., & Makoundou, C. (2026). 2025 in focus: Expanding research cultures, changing scientific practice, and global connectivity. *IRRADIUM – The Annual Magazine of the Marie Curie Alumni Association*, 12.
- Goyal, S. (2025, August 27). How to deal with reviewer 2: A step-by-step guide. Marie Curie Alumni Association (MCAA). *Medium*.
- Goyal, S. (2024). Bottom-up approach for integrating sustainability in academia. *MCAA Newsletter*, 39.

SCHOLARLY REVIEWING ACTIVITIES

- Reviewer, *Climate and Development* (Taylor & Francis), 2026
- Abstract Reviewer, 10th European Conference on Corporate R&D and Innovation (CONCORDi 2025)
- Project Proposal Reviewer, EURIZON Fellowship Programme, 2024
- Abstract Reviewer, ISPOR Europe 2022
- Reviewer, *Social Indicators Research* (Springer Nature), 2020 & 2021

SCHOLARLY PRESENTATIONS AND PARTICIPATION

Presented Research at Conferences/Workshops

- 'Economic impacts of different climate futures for the EU' at 7th World Congress of Environmental and Resource Economists (WCERE) held at Carcavelos, Portugal on 1 July 2026.
- 'Goods and Bads in International Trade: A New Approach' at (a) 16th Input-Output Workshop held at Groningen, Netherlands on 27 March 2025, and (b) PRISMA Summer School 2025: Integrated Assessment Modeling for Climate & Equity held at Utrecht, Netherlands on 7 July 2025.
- 'Main Drivers of Carbon Emissions: Does the Level of Development Matter?' at (a) 29th International Input-Output Association Conference held at Alghero, Italy on 27 June 2023, and (b) 20th I.S.E.O. Summer School in Economics held at Iseo, Italy on 17 June 2024.
- 'Incorporating Social Factors into the Trade-Climate Change Debate' at (a) 3rd ECO-SOS Workshop on Economics and Sustainability: Gender challenges held at Reus, Spain on 12 May 2023, and (b) Excluded spaces: Gender, identity, and inequalities held at Tarragona, Spain on 8 June 2023.
- 'The Shipping Industry under the EU Green Deal: An Input-Output Impact Analysis' at (a) EcoMod2022 International Conference on Economic Modeling and Data Science held at Ljubljana, Slovenia on 16 September 2022, (b) 9th Hispanic-American Conference on Input-Output Analysis held at Aveiro, Portugal on 22 September 2022, (c) 8th International Conference on Empirical Issues in International Trade & Finance held at Delhi, India on 15 December 2022, and (d) 11th PhD-Student Workshop on Industrial and Public Economics held at Reus, Spain on 10 February 2023.
- 'Presence of Education for Peace, Sustainable Development and Global Citizenship in Secondary School Economics Textbooks and Curricula' at the 11th Biennial Comparative Education Society of Asia (CESA) held at Siem Reap, Cambodia on 12 May 2018.

Invited Speaker Engagement

- *C6 Seminar Series*, Joint Research Centre (JRC), European Commission, 3 April 2025: '*The Shipping Industry under the EU Green Deal: An Input-Output Impact Analysis.*'

- *FEEM Webinar on 'Innovative Approaches for Input/Output Analysis Applied to Economic and Environmental Problems'*, Fondazione Eni Enrico Mattei (FEEM), 2 October 2025: *'Goods and Bads in International Trade: A New Approach.'*

Conferences Attended

- AERE 2025 Summer Conference held at Santa Ana Pueblo, New Mexico, USA on 28-30 May 2025.
- 2025 MCAA Annual Conference and General Assembly held at Kraków, Poland on 20-22 March 2025.

ADDITIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES (SELECTED)

- '8th Lindau Nobel Meeting in Economic Sciences' organised by the Council for the Lindau Nobel Laureate Meetings and the Foundation Lindau Nobel Laureate Meetings at Lindau, Germany (26-30 August 2025).
 - 'PRISMA Summer School 2025: Integrated Assessment Modeling for Climate & Equity' organised by Utrecht University (7-11 July 2025).
 - Workshop on 'Open Science and Reproducible Research in RStudio and Jupyter Notebook' organised by Universität Innsbruck (28-29 November 2024).
 - Workshop on 'Science Communication' organised by Instituto de Ciencias de la Educación, Universitat Rovira i Virgili (1 June 2023).
 - 'Energy and Environmental CGE Modeling with GAMS', organised by EcoMod at Hotel Conrad, Dubai (6-10 March 2023).
 - BLISS 2015 – Winter School on Sustainability 'SDG 12- Ensuring Sustainable Consumption and Production Patterns' organised by TERI University and UNEP at TERI-U, Delhi, India (2-6 November 2015).
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