

Søknad/CV

279339- Researcher (global supply chain sustainability and biodiversity conservation) (Ref. 2025/20637)

ID: 11 - Srishti Goyal
Cr. Escorredor de Sant Francesc, 2 01 01
43205 Reus

06.05.2025

PERSONALIA

Fødselsdato 18.08.1993
Kjønn Kvinne
Statsborgerskap India
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Mobiltelefon +34 603338539
Nåværende stilling Recent PhD Graduate

SØKNAD

Dear Selection Committee,

I am writing to express my interest in the Researcher position in Global Supply Chain Sustainability and Biodiversity Conservation at NTNU. With a PhD in Economics and extensive experience in quantitative analysis, I am committed to advancing research that informs sustainable policy interventions in global supply chains.

My doctoral research, Essays on Climate Change and its Distributional Impacts, applied Environmentally Extended Multi-Regional Input-Output (EE-MRIO) modelling to examine the transmission of CO₂ emissions through international trade and its socio-economic implications. This has equipped me with solid expertise in input-output analysis and environmental economic modelling, alongside practical experience handling large datasets from sources like OECD and UN Comtrade. I primarily use R for data visualization, which has enhanced the clarity and accessibility of complex findings for diverse audiences.

In a recent co-authored article published in Transportation Research Part A (a Q1 journal), titled The Shipping Industry under the EU Green Deal: An Input-Output Impact Analysis, I investigated the economic and environmental effects of including the shipping industry in the EU Emissions Trading System. This study, which uses a Leontief price model with environmental extensions, underscores my ability to deliver rigorous, policy-relevant research on the climate-economy interface.

Beyond research, I contribute actively to the professional development of early-career researchers. As a member of the Marie Curie Alumni Association (MCAA) and the Association of Environmental and Resource Economists (AERE) Graduate Student Engagement Committee, I have organized workshops and mentoring initiatives that build research and communication skills within the community. These engagements reflect my commitment to fostering collaborative, interdisciplinary networks essential for addressing global sustainability challenges.

The NTNU role appeals to me for its focus on integrating biodiversity considerations into global supply chain sustainability—a field where interdisciplinary economic-environmental modelling is urgently needed. I am particularly motivated to apply my skills to identify trade-offs and synergies between economic development and biodiversity conservation, thereby contributing to robust policy recommendations in alignment with global biodiversity frameworks.

I would welcome the opportunity to further discuss how my expertise aligns with your research priorities.

Yours sincerely,
Srishti Goyal

UTDANNING

2021-09 - 2025-02 Universitat Rovira i Virgili - Ph.D. Economics Karakter: Excellent 'cum laude'

I completed my Ph.D. in Economics at Universitat Rovira i Virgili (URV) in February 2025, successfully defending my dissertation, "Essays on Climate Change and its Distributional Impacts: CO₂ Emissions Transmission in an Integrated Global Economic System," on February 14, 2025. My research was conducted under the supervision of Prof. Maria Llop Llop and was reviewed by a thesis committee comprising Prof. Ferran Sancho (Universitat Autònoma de Barcelona), Prof. Rosa Duarte (University of Zaragoza), and Prof. Erik Dietzenbacher (University of Groningen). I was awarded the highest distinction of Excellent 'Cum Laude'.

My doctoral research received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 945413, along with support from URV. As a Martí i Franquès COFUND Doctoral (MFP) Fellow.

2014-07 - 2016-05 TERI University - Master of Science Economics VT / Studiepoeng: 86 Karakter: 8.66 CGPA
The M.Sc. Economics degree was a specialization in Environment and Natural Resources. I ranked amongst the top 15% in the M.Sc.; A+ Grade in master's thesis on 'Dematerialization and Income Distribution', 2016.

2011-07 - 2014-05 Delhi University - Bachelor of Arts (Honours Course) Economics Karakter: 1st division
• Ranked amongst top 10% in the B.A., 2014.
• Sh. Dhani Ram & Shakuntala Sud Memorial Prize for all-round performance during the B.A., 2014.

Søker har
innvandrerbakgrunn

YRKESERFARING

2021-09 - 2024-09

Universitat Rovira i Virgili - Martí i Franquès COFUND fellow

- Worked on the project - 'Climate Change and its Distributional Impacts' from 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.

2018-12 - 2021-03

Young Lives India - Research Associate

Worked alongside senior researchers in effectively pitching and delivering projects; it involved project and process management, communication, and knowledge management. Undertook both quantitative and qualitative research, supported designing research, building dashboards, conducting literature reviews, drafting, editing, and proof-reading of proposal, research reports, concept notes, etc.; prepared for and coordinated meetings, events, capacity building workshops, undertook technical interviews and assignment assessment for recruitment.

2016-04 - 2017-03

UNESCO MGIEP - Research Consultant

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.

VERV

2024-08 -

Association of Environmental and Resource Economists Verv: Board Member, Graduate Student Engagement Committee

2024-07 -

Marie Curie Alumni Association Verv: Editorial Board Member

2022-10 - 2023-07

Women in Economics Verv: Mentor

2019-03 - 2021-04

UN MGCY Verv: Regional Focal Point, Humanitarian Affairs Working Group

2013-07 - 2014-05

Delhi University Verv: Coordinator, Economics Association, JDMC

2013-07 - 2014-05

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

SPRÅK

Engelsk

Muntlig: Flytende Skriftlig: Flytende

Spansk

Muntlig: Grunnleggende kunnskaper Skriftlig: Grunnleggende kunnskaper

Hindi

Muntlig: Morsmål Skriftlig: Morsmål

REFERANSER

Prof. Maria Llop Llop

Full Professor/ Head of Department of Economics Sted: Universitat Rovira i Virgili Telefon: +34 9777-59898 maria.llop@urv.cat

Prof. Nandan Nawn

Professor, Department of Economics Sted: Jamia Millia Islamia Telefon: +91 9013495212 nnawn@jmi.ac.in

Prof. Seema Sangita

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VEDLEGG

CV (including Publication List)

Published Writing Sample

Cover letter