

curriculum vitae of
Sushant Singh

UNIVERSITY OF OKLAHOMA, DEPARTMENT OF ECONOMICS
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in [sushantsinghss](https://scholar.google.com/citations?user=sushantsinghss) 📞 0009-0000-7232-7983 📄 ArXiv eprints

EDUCATION

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|---------------------|---|--------------------------------------|
| May 2026 (expected) | Ph.D. in Economics (Econometrics and Quantitative Economics) Advisor: Prof. Firat Demir | UNIVERSITY OF OKLAHOMA, USA |
| Jan 2018 | M.Sc. in Economics (Economic Policy) Advisor: Prof. Jean-Marie Grether | UNIVERSITY OF NEUCHÂTEL, SWITZERLAND |
| May 2014 | B.Com.-Honours (Finance and Investment) | CHRIST UNIVERSITY, INDIA |

EMPLOYMENT

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|------------------------|------------------------------------|--|
| Aug 2021 – present | Graduate Teaching Assistant | UNIVERSITY OF OKLAHOMA, USA |
| March 2018 – July 2021 | National Consultant | INTERNATIONAL TRADE CENTRE (UN/WTO), SWITZERLAND |
| Oct 2017 – Jan 2018 | Research Assistant | INSTITUTE OF ECONOMIC RESEARCH AT NEUCHÂTEL (IRENE), SWITZERLAND |

RESEARCH INTEREST

International Economics, Development Economics, Environmental Economics.

PAPERS

JOB MARKET PAPER

Structural adjustments and food sovereignty: The effects of IMF programs and loan conditions on food self-sufficiency.

In this paper I study the effects of IMF program participation and associated policy conditions, known as ‘conditionalities,’ on food self-sufficiency of IMF members for the period of 1980-2019. In the empirical analysis, I employ a compound instrumental variable approach within a system of three equations, estimated using maximum likelihood. After accounting for confounding economic and climatic factors and addressing selection bias, we find no robust evidence that IMF program participation has any effect on food self-sufficiency. In contrast, program conditions have a significant effect on food self sufficiency. Based on point estimates, I find that each additional binding IMF condition reduces the food self-sufficiency ratio by 0.003 percentage points. Disaggregating conditions by policy area, the findings suggest that IMF conditionality hinders food self-sufficiency, with policy reforms in trade and exchange systems, financial sectors, monetary policy, and central banking playing a particularly significant role.

WORKING PAPERS

Revisiting the pollution haven hypothesis and trade-embodied emissions: Accounting for global value chains.

This paper investigates the empirical link between environmental policy and trade flows by incorporating global value chain in the analysis. To do so, I use CO_2 embodied in domestic final demand as an indicator of the pollution content of imports (PCI), which is corrected for trade in value-added flows. I begin with investigation of North-South patterns, in particular if the PCI is relatively larger in North countries. Then, I carry out analysis of the determinants of PCI using a gravity-based empirical framework to quantitatively measure the impact of Pollution Haven (PH) and Factor endowment (FE) effects. Using several proxies for policy stringency, I show that PCI is higher for the North countries, which have more stringent regulations. PH effect is found to be larger than what previous studies find, while FE has the opposite effect on PCI of the North. The former dominates the latter, together confirming the pollution haven hypothesis.

How international sanctions shape the carbon footprint of global trade.

This paper investigates the overlooked environmental consequences of international sanctions by empirically examining their impact on trade-embodied carbon emissions. While sanctions are traditionally assessed through their economic or political effects, this study highlights how such measures can inadvertently shift pollution-intensive production and trade flows toward regions with laxer environmental regulations, thereby increasing global emissions. Using comprehensive sanction records for 212 countries from 1950-2022, the analysis employs a gravity-based model, estimated using maximum likelihood, to examine the effect of sanctions on emissions embodied in trade. By integrating sanctions into the broader climate and trade policy discourse, the paper offers novel insights into how foreign policy tools may unintentionally undermine global environmental goals.

CONFERENCE AND SEMINAR PRESENTATIONS

†Session Chair; * Presenter & Discussant.

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| Jan 3, 2026 | ASSA - 2026 Annual Meeting [†] (scheduled) | PHILADELPHIA, PENNSYLVANIA |
| Nov 24, 2025 | SEA - 95th Annual Meeting* (scheduled) | TAMPA, FLORIDA |
| Nov 15, 2025 | NARSC - 72nd Annual Meeting* (scheduled) | DENVER, COLORADO |
| Oct 25, 2025 | MVEA - 62nd Annual Meeting* (scheduled) | KANSAS CITY, MISSOURI |
| Oct 1, 2025 | Applied Micro Brownbag | UNIVERSITY OF OKLAHOMA |
| Jan 29 & Mar 26, 2025 | Applied Micro Brownbag (x2) | UNIVERSITY OF OKLAHOMA |
| Dec 4, 2024 | Applied Micro Brownbag | UNIVERSITY OF OKLAHOMA |
| Nov 14, 2024 | NARSC - 71st Annual Meeting [†] | NEW ORLEANS, LOUISIANA |
| Oct 25, 2024 | MVEA - 61st Annual Meeting* | KANSAS CITY, MISSOURI |
| May 3, 2024 | OU PhD Econ Conference -OPEC | UNIVERSITY OF OKLAHOMA |
| Feb 28, 2024 | Applied Micro Brownbag | UNIVERSITY OF OKLAHOMA |
| May 10, 2023 | OU PhD Econ Conference -OPEC | UNIVERSITY OF OKLAHOMA |

AWARDS AND GRANTS

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| Dec 2024 | Graduate Student Senate Conference Grant | UNIVERSITY OF OKLAHOMA |
| Aug 2024 | Dodge Family College of Arts and Sciences Travel Grant | UNIVERSITY OF OKLAHOMA |
| Oct 2023 | Alexander J. Kondonassis Award for research in Development Economics | UNIVERSITY OF OKLAHOMA |

TEACHING

UNDERGRADUATE LEVEL

University of Oklahoma, USA

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| Summer 2024 | ECON 1113 Principles of Macroeconomics |
| Winter 2023-24 | ECON 1123 Principles of Microeconomics |
| Summer 2023 | ECON 1113 Principles of Macroeconomics |

Apex College (Pokhara University), Nepal

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| June 2019 – July 2021 | ECO 101 Introductory Microeconomics, BBA |
| June 2019 – July 2021 | ECO 201 Introductory Macroeconomics, BBA |

Islington College (London Metropolitan University), Nepal

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| Sep 2018 – Feb 2019 | EC5002NI International Business and World Markets, BBA |
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Sep 2018 – Feb 2019

EC4009NI Corporate Environment, BBA

SKILLS

Coding Expertise

R, R Studio, STATA, \LaTeX

Coding Experience

Julia, ArcGIS, Matlab, Python, Git, Mathematica

PROFESSIONAL MEMBERSHIPS

2025-present

American Economic Association (AEA)

2025-present

Southern Economic Association (SEA)

REFERENCES

Firat Demir

Professor

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University of Oklahoma

Room 170 CCDr,

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✉ fdemir@ou.edu**Jayash Paudel**

Assistant Professor

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308 Cate Center Drive, Norman 73019 OK

✉ jayash.paudel@ou.edu**Pallab Ghosh**

Associate Professor

Department of Economics

University of Oklahoma

Room 323 CCDr,

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✉ pallab.ghosh@ou.edu**Samantha R. Johnson** (Teaching)

Lecturer

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✉ samrjohnson@ou.edu

Last updated: October 13, 2025