

Dr. Neha Gupta

PhD — Economics and Finance

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Profile




- PhD in Economics and Finance with expertise in macroeconomics and urban economics.
- Passionate about modern econometric methods to study topics in urban economics, central banking, fiscal policies, shadow economy, socio-economic behaviour, inequality and political economy.

Skills

Programming Languages

- R (*Proficient*)
- Python (*Beginner*)
- \LaTeX (*Proficient*)

Data Visualization Expertise

- Geocoded Country Maps 
- Satellite Data 
- Analytical Plots 
- Natural Language Processing

Econometrics Skills

- Causal Inference, Microeconomics
- Macroeconometrics, Time Series Econometrics
- Spatial Econometrics
- Econometrics of Big Data

Languages

- English (*Proficient*)
- French (*Intermediate*)
- German (*Beginner*)
- Hindi (*Native*)
- Sanskrit (*Intermediate*)

Education

• 02/2015 - 02/2021

PhD in Economics and Finance

University of St. Gallen

supervisor Prof. Guido Cozzi, PhD; grade 5.25 / 6

Dissertation title: Essays in Urban Economics and Macro Economics

- Large scale national household survey data and econometrics (using R)
- Remote sensing satellite data (nighttime lights), administrative data
- Policy design and empirical analysis

• 08/2019 - 09/2019

Advanced Doctoral Courses

Study Center Gerzensee

• 06/2017 - 06/2017

Global School Empirical Research Methods (GSERM)

University of St. Gallen

• 09/2012 - 06/2013

Master of Arts (M2 Professional) in Risk Engineer: Finance and Insurance

Université de Paris 1 - Panthéon Sorbonne; focus on mathematical finance

• 09/2012 - 06/2013

Master of Arts (M2 Research) in Empirical and Theoretical Economics (ETE)

Paris School of Economics (PSE)

École Normale Supérieure (ENS) Cachan

Université de Paris 1 - Panthéon Sorbonne;

• 09/2010 - 06/2011

Master of Arts (M1) in Mathematical Modelling in Economics and Finance (MMEF)

Université de Paris 1 - Panthéon Sorbonne;

• 08/2006 - 05/2009

Bachelor of Arts (Honours) in Economics

University of Delhi, India

Work Experience

- 09/2021-Present

Lecturer: Microeconomics 1
University of St. Gallen
- 08/2021-Present

Postdoctoral Researcher (part time)
Prof. Guido Cozzi, PhD
Institute of Economics, University of St. Gallen (FGN-HSG)
- 09/2020 - Present

Visualization Manager
Elite Quality Index Team, University of St. Gallen

 - Creating interactive and innovative visualizations of the Index components (using R)
 - Construction of the database and development of annual Elite Quality Index 2021
 - Analysing country scorecards with macroeconomic view.

Elite Quality Index [🔗](#) is an annual political economy index that was constructed and launched by University of St. Gallen in 2020. The index ranks the ability of the elite business models in a country on aggregate to create value, rather than to extract value. The index is built using 107 socio-economic indicators for 151 countries.
- 07/2018 - 12/2020

Research Assistant
Prof. Guido Cozzi, PhD, University of St. Gallen

 - Design and development of lecture materials
 - Creating and upgrading various databases for research projects
 - Creating the final exam
- 01/2017-Present

Lecturer: Macroeconomics 1
University of St. Gallen
- 11/2014 - 12/2017

Research Assistant
Prof. Roland Fuess, PhD, University of St. Gallen

 - Design, development and upgrading of lecture materials
 - Creating weekly exercise materials and grading the academic projects and the final exam
 - Creating various databases for research projects
- 06/2013 - 12/2013

Internship: Sovereign Credit Data Analyst
AXA GIE, Paris, France

 - Creating large and detailed macroeconomic time series databases for Emerging Markets and U.S.A.
 - Creating dashboards and regular automated upgrading of the databases
 - Providing investment team with the analysis of the economic health of various countries to determine sovereign credit risk
 - Automating mechanism to consolidate and upgrade Bloomberg sovereign ratings for 64 countries

Publications

• 2021
Cozzi, G., Gupta, N. (2021). *India: Divisive elites struggle to create prosperity*. In T. Casas i Klett G. Cozzi. (Eds.), *Elite Quality Report 2021: Country Scores and Global Rankings*. Zurich: Seismo (non peer-reviewed).
doi: 10.33058/seismo.30792 [↗](#)

• 2017
Gupta, N. (2017). *William N. Goetzmann: Money changes everything—how finance made civilization possible*. *Financial Markets and Portfolio Management*, 31(4), 511-514 (non peer-reviewed). [↗](#)

Working Papers

- Gupta, N. (2021). *Monetary Policy, User Cost and Inequality: Homeowners versus Renters*. [↗](#) [Job Market Paper]
 - Empirical analysis of the impact of an unexpected monetary policy on Swiss homeowners and renters
 - Policy relevance for Swiss National Bank and real estate market
- Gupta, N. (2021). *Homeownership, Renting and Market Failures: Evidence from Indian Slums*. [↗](#)
 - Empirical analysis of the impact of the national slum housing policy on urban slum dwellers
 - Policy relevance for national government and development organizations
- Gupta, N. (2021). *Urbanisation and Slum Growth: Evidence from India*
 - Empirical analysis of evolution of slums alongside medium tier urban spaces
 - Policy relevance for urban planners

Grants

Conference Scholarship

Rare Voices in Economics, University of Geneva
- Covered all travel and accommodation expenses

• 09/2021

Consortium Scholarship

Université de Paris 1 - Panthéon Sorbonne
- 50% Tuition fee waiver based on academic performance

• 2010 - 2011

Presentations and Conferences

Gupta, N. (2021). Monetary Policy, User Cost and Inequality: Homeowners versus Renters

- *European Economic Association (EEA), Copenhagen [online] - 08/2021*
- *ERFIN Workshop 2021, SGH Warsaw School of Economics, Poland [online] - 09/2021*
- *Reserve Bank of India, CAFRAL Research Seminar [online] - 11/2021*
- *Recent trends in the real estate market, Narodowy Bank Polski, Poland [online] - 11/2021*
- *12th Annual Financial Market Liquidity (AFML), University of Budapest [online] - 11/2021*
- *European Winter Meeting of the Econometric Society 2021 (reserve acceptance) [online] - 12/2021*

Gupta, N. (2021). Homeownership, Renting and Market Failures: Evidence from Indian Slums

- *Rare Voices in Economics, University of Geneva [onsite] - 09/2021*
- *Mahindra University-Brown Bag Seminar, India [online] - 09/2021*
- *KOF-ETH-UZH International Economic Policy Seminars, Zurich [onsite] - 10/2021*
- *2nd World Inequality Conference, Paris School of Economics, Paris [onsite] - 12/2021*
- *Podcast Talk-IdeasofIndia, Mercatus Center, George Mason University [online] - 09/2021*

Extracurricular Activities

- *President of the Residents Committee at Maison de l'Inde, CIUP, Paris- 2010-2011*
 - Member of the Governing Board chaired by the Ambassador of India to France
 - Representation of resident students' interests
- *First position in creative writing, University of Delhi-2007*
- *Third position in fine arts competition, University of Delhi-2007*

Interests

- *History, politics, technology, big datasets*
- *Reading, writing, painting, skating, badminton, travelling, hiking*

Referees

Prof. Dr. Guido Cozzi
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Varnbühlstrasse 19
9000 St. Gallen, Switzerland
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