

NANDEETA NEERUNJUN

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POSITION

Assistant Professor <i>Economics</i> Grenoble Alpes University & Grenoble Applied Economics Lab, France	2023 –
Post-Doc <i>Economics of Bioenergy</i> Paris Saclay Applied Economics & Center for Research in Economics and Statistics, France	2023

RESEARCH INTERESTS

Primary | Environmental and Energy Economics
Secondary | Microeconomics Theory, Public Economics

EDUCATION

Ph.D. <i>Economics</i> Aix-Marseille University, AMSE & M2P2, France <i>Title:</i> Intermittent Renewables and Energy Transition <i>Advisors:</i> Hubert Stahn (AMSE) & Jean-Henry Ferrasse (M2P2) <i>Defense date:</i> 18 th November 2022 <i>Jury:</i> J.X. Daubanes, J-H. Ferrasse, A. Pommeret, S. Rouillon, K. Schubert, H. Stahn	2018 – 2022
Master of Science and Economics <i>Energy and Environment</i> University of Bordeaux, France	2017 – 2018
Master of Science and Technology <i>Energy and Mechanics</i> University of Bordeaux, France	2011 – 2012
Bachelor of Engineering <i>Mechanical Engineering</i> University of Mauritius	2005 – 2009

PUBLICATIONS

Neerunjun, N. (2026). Emissions pricing instruments with intermittent renewables: Second-best policy. *Energy Policy*, Volume 208, 114840. | [link](#)

Neerunjun, N., & Stahn, H. (2025). Renewable energy support: Pre-announced policies and efficiency. *Energy Economics*, Volume 150, 108801. | [link](#)

Ferrasse, J. H., **Neerunjun, N.**, & Stahn, H. (2022). Intermittency and electricity retailing: An incomplete market approach. *Mathematical Social Sciences*, Volume 120, Pages 24-36. | [link](#)

WORK IN PROGRESS

Bioenergy, land use, and climate policies | *with G. Meunier (INRAE)*

Optimal electricity consumption and storage under short-term renewable supply variability | *with M. Dhaussy (AMSE) and H. Stahn (AMSE)*

RESEARCH STAYS

Geneva School of Economics | *invited by Julien Xavier Daubanes* Apr. – May, 2022

TEACHING EXPERIENCES

Temporary Lecturer <i>Maths I & II (1st year BSc Economics & Management)</i> Aix Marseille University, France	2022 – 2023
Temporary Lecturer <i>Maths I, Statistics (1st year BSc Economics & Management)</i> Aix Marseille University, France	2021 – 2022
Teaching assistant <i>Maths I & II, Macroeconomics I (1st year BSc Economics & Management)</i> Aix Marseille University, France	2020 – 2021
Teaching assistant <i>Macroeconomics I (1st year BSc Economics & Management)</i> Aix Marseille University, France	2019 – 2020

CONFERENCES AND SEMINARS

2025

NAERE 2025, DTU - Technical University of Denmark

2024

11th FAERE Annual Conference, PEGE, France | 29th EAERE Annual Conference, KU Leuven, Belgium | PET 2024, University Lumière Lyon 2, France

2023

ASSET Meeting, Catolica Universidade Católica Portuguesa, Portugal | 28th EAERE Annual Conference, Limassol, Cyprus | 44th IAEE International Conference, KAPSARC, Saudi Arabia (online presentation)

2022

9th FAERE Annual Conference, University of Rouen Normandy, France | 43rd IAEE International Conference, National Graduate Institute for Policy Studies, Japan | SURED 2022 - Conference on Sustainable Resource Use and Economic Dynamics, Switzerland | 3rd International Conference on Environmental Economics, University of Orléans, France | PhD Seminar, Geneva School of Economics, Switzerland | PhD Seminar, AMSE, France

2021

39th International Energy Workshop, EIEE, online | Energy, Covid and Climate Change Digital Conference, IAEE, online | PhD Seminar AMSE, France

2020

PhD Seminar, AMSE, online

2019

GREEN-Econ Workshop, AMSE, France | PhD Seminar, AMSE, France

SCHOLARSHIPS

PhD <i>Aix-Marseille University & Crédit Agricole Alpes-Provence</i>	2018 – 2021
Master <i>French Embassy in Mauritius</i>	2011 – 2012

SKILLS

Languages: Mauritian Creole (mothertongue), English (fluent), French (fluent), Hindi (fluent)

Technical: \LaTeX (advanced), QGIS (intermediate), C++ (intermediate), MATLAB (intermediate), SPSS (beginner), AMOS (beginner), SimaPro (intermediate), Comfie + Pleiades (intermediate), AutoCAD 2D & 3D (advanced)

OTHER RESEARCH EXPERIENCES

Research assistant

2014 – 2016

Mauritius Research Council

- Project development and management: “A Hybrid SWAC-CETO System : Sea Water Air Conditioning coupled with CETO wave energy devices” in collaboration with Carnegie, Australia : energy and cost analysis
- Assisting in the establishment of research support services: developing and managing calls for proposals, conducting bibliometric analyses, organizing national conferences on emerging subjects such as nanotechnology, big data, etc.

Research assistant (intern)

2012

I2M Laboratory, TREFLE Department, ENSAM, Bordeaux, France

- Project “Water resources and energy indicators applied to island countries”, carried out in laboratory and in contact with external bodies: conducting a critical literature review on freshwater resources and energy indicators and selecting the most relevant ones to carry out international case studies on rivers basins in order to evaluate problems related to water and energy (hydropower)

OTHER WORK EXPERIENCES

Engineer assistant (intern)

2018

E6 Consulting, Bordeaux, France

- Territorial Climate, Air and Energy Plans
- Conducting carbon footprint and greenhouse gas emissions inventory within the French regulatory framework for private companies
- Providing assistance for implementing the eco-conception strategy of Mr Bricolage Group of Companies: conducting environmental evaluation of products referenced by the Group and providing recommendations for environmental labelling and eco-conception measures

Industrial engineer

2013 – 2014

Compagnie Mauricienne de Textile Ltée, Mauritius

- Assisting in the energy management of the dyeing department
- Defining and applying Corporate Social Responsibility practices as part of the environmental engagements of the company

Junior engineer

2011

Manser Saxon Contracting Limited, Mauritius

- Assisting in the installation of waste water treatment stations

Mechanical consultant

2009 – 2010

Blue Ice Limited, Mauritius

- Preparing catalogues of mechanical parts (pumps, compressors, ...) and describing their specifications as from mechanical drawings

Technical and Commercial assistant (intern)

2008

Total Mauritius Limited

- Assisting in the installation of new equipment on the filling platform of Liquefied Petroleum Gas cylinders
- Targeted prospecting of companies for the installation of service stations: contacting clients and site visiting