

Jeanne de Montalembert

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RESEARCH FIELDS

First Environmental Economics, Development Economics

Second Health Economics, Agricultural Economics, Applied Economics

EDUCATION

2020 - present PhD in Economics at **University Paris Dauphine**
Advisors: Anne-Sophie Robillard, Mireille Razafindrakoto, François Roubaud

2017 Master's Degree at **University Paris Dauphine**
International Economics and Development, research program

2016 Bachelor's Degree at **Université Paris 1 - Panthéon Sorbonne**
One-year exchange at Universidad del Salvador (Buenos Aires, Argentina)

TEACHING

Introduction to Development Economics 2021 - present
3rd year of BSc Economics, University Paris Dauphine

Impact evaluation of public policy 2022
Tany Vao (Madagascar), Summer School

Microeconomics: Coordination and Interactions 2017 - 2018
2nd year of BSc Economics, University Paris 1 Panthéon-Sorbonne

RESEARCH

The Health Cost of Conservation: the Impact of Protected Areas on Child Anemia JMP
How does conservation policy shape child health ? Relying on repeated cross-sectional household surveys spanning from 2008 to 2021 and a newly database on Protected Areas (PAs) in Madagascar, I investigate the impact of PAs on childhood anemia with a difference-in-differences estimation strategy. Results suggest that PAs are associated with a reduction in hemoglobin levels and an increase in the occurrence of anemia around 6 pp among children with long lasting effect. PAs appear to disproportionately impact boys and children from poor households, potentially exacerbating health disparities. This effect could be linked to the increased occurrence of malaria induced by the presence of PAs.

Mitigating Climate Vulnerability: the Crop Diversification Effect with Ferry, M. *Draft upon request*

Can adaptation strategies mitigate the impact of climate variability on household food insecurity? Using longitudinal data on Malagasy rural households from 2011 to 2014 and a two-way fixed-effect model with an instrumental variable to address endogeneity issues, we find that crop diversification can reduce the adverse effects of drought anomalies and rising minimum temperatures. Specifically, cultivating 3 to 8 crops, particularly fruits and cereals, proves to be effective in mitigating or even offsetting these impacts. However, our results also indicate that crop diversification may exacerbate the detrimental effects of higher maximum temperatures, possibly due to limited availability of heat-resilient crops. These findings raise concerns about the viability of crop diversification as an adaptive strategy under certain climate conditions and underscore the need for context-specific recommendations.

Madagascar rural observatory surveys, a longitudinal dataset on household living conditions 1995-2015 with Andrianjafindrainibe V.S. et al. *Draft available*

A Rural Observatory System (ROS) was established in Madagascar to address the lack of socioeconomic data on rural areas. It collected, analyzed, and disseminated data to help formulate and evaluate development policies. From 1995 to 2014, the ROS surveyed a total of 26 areas. The ROS methodology involved annual household panel surveys using consistent questionnaires supplemented by modules covering new themes and enriched questions tailored to specific contexts. Qualitative community surveys were used to understand local features and dynamics. The site selection combined quantitative and qualitative insights to reflect the diversity of Madagascar's rural challenges. Quality control was comprehensive, with measures such as limiting the number of daily surveyor interviews and daily field supervision. By making this data available for 21 consecutive years, along with documentation, metadata, and code with analysis examples, we aim to facilitate their discovery, assessment, and understanding by researchers, policymakers, and social organizations. To our knowledge, this is the only available data for an in-depth analysis of the situation and trends in the rural areas of Madagascar.

PRESENTATIONS

2024

FAERE PhD Workshop (Annecy), EENR (Orléans), AFEPOP (Paris), CEA (online), ICDE (Aix en Provence), Novafrica PhD Workshop (Lisbon), ICAE (New Delhi)

2023

Dauphine Doctoral Days (Paris), GDE (Dresden), JMA (Strasbourg), EAERE (Limassol), ICDE (Paris), FAERE (Montpellier)

2022

PhD Workshop Université Paris Dauphine - Mines Paris Tech (Paris), DIAL Internal Seminar (Paris)

ACADEMIC ACTIVITIES

Refereeing

Economie Rurale

Professionnal service

Co organizer of SDD - Séminaire des doctorant·e·s DIAL with M. Thie	2023 - present
Co organizer of DIAL internal seminar with O. Bertelli	2021 - 2022

GRANTS AND FELLOWSHIPS

ADRES grant program to young scholars	400 euros
Doctoral fellowship, Université Paris Dauphine	2020 - 2023

SKILLS

Computing	R/Rstudio, Stata, QGIS
Languages	French (native), English (fluent), Spanish (intermediary)

REFERENCES

Anne-Sophie Robilliard Research Fellow at IRD ✉ anne-sophie.robilliard@ird.fr	Mireille Razafindrakoto Research Director at IRD ✉ mireille.razafindrakoto@ird.fr	François Roubaud Research Director at IRD ✉ francois.roubaud@ird.fr
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