

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: Mireille Razafindrakoto, Anne-Sophie Robillard, 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

PUBLICATION

Andrianjafindrainibe, V.S., Andrianirina, N., Bédécarrats, F. et al. (2024) [Madagascar rural observatory surveys, a longitudinal dataset on household living conditions 1995-2015](#). *Scientific Data* 11, 1061.

RESEARCH

The Health Cost of Conservation: the Impact of Protected Areas on Child Health JMP
Nils Westermarck Prize for Best Contributed Poster 2024

How does conservation policy shape child health? Using repeated cross-sectional household surveys from 2008 to 2021 and a newly database on Protected Areas (PAs) in Madagascar, I examine the impact of PAs on childhood anemia through a difference-in-differences estimation strategy. Results indicate that PAs reduce hemoglobin levels and increase anemia rates by 6 pp, with boys and children from poor households being more severely affected. This negative health impact is partly caused by a rise in malaria occurrence and a reduced intake of iron-rich foods, despite the improvements in access to drinking water and poverty reduction. These findings highlight the complex relationship between conservation efforts and health conditions in local communities.

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.

PRESENTATIONS

2025 * *Scheduled*

CEE-M Seminar (Montpellier)*

2024

FAERE PhD Workshop (Annecy), EENR (Orléans), AFEPOP (Paris), CEA (online), ICDE (Aix en Provence), Novafrica PhD Workshop (Lisbon), ICAE (New Delhi), FAERE (Strasbourg), NEUDC (Boston)*, DIAL Seminar (Paris)*

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

Journal of Applied Economics, Economie Rurale

Professional service

Co organizer of SDD - Séminaire des doctorant.e.s DIAL with Thie, M. 2023 - present

Co organizer of DIAL internal seminar with Bertelli, O. 2021 - 2022

GRANTS AND FELLOWSHIPS

Honorable Mention at the T.W. Schultz Prize for Best Contributed Paper 2024

Nils Westermarck Prize for Best Contributed Poster 2024

ADRES grant program to young scholars 2024

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

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Mireille Razafindrakoto
Research Director at IRD

✉ mireille.razafindrakoto@ird.fr

François Roubaud
Research Director at IRD

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