

# Jeanne de Montalembert

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## RESEARCH FIELDS

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**First** Environmental Economics, Development Economics

**Second** Health Economics, Agricultural Economics, Applied Economics

## EDUCATION

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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

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**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

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**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? Drawing on longitudinal household data collected between 2011 and 2014 and using a two-way fixed effect model with instrumental variable to address endogeneity concerns, we assess the potential of crop diversification to mitigate the impacts of climate variability on household food insecurity in the context of rural Madagascar. Our findings indicate that crop diversification can mitigate adverse effects of dryness anomalies and increased minimum temperatures on household vulnerability, with more pronounced effects for certain crop combinations. Nonetheless, results suggest a potential to exacerbate the detrimental effect of higher maximal temperatures, raising concerns about the viability of crop diversification under certain climate conditions.

## 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

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### 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

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### Refereeing

Economie Rurale

### Professionnal service

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| 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

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

## SKILLS

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

## REFERENCES

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| Anne-Sophie Robilliard<br>Research Fellow at IRD<br>✉ <a href="mailto:anne-sophie.robilliard@ird.fr">anne-sophie.robilliard@ird.fr</a> | Mireille Razafindrakoto<br>Research Director at IRD<br>✉ <a href="mailto:mireille.razafindrakoto@ird.fr">mireille.razafindrakoto@ird.fr</a> | François Roubaud<br>Research Director at IRD<br>✉ <a href="mailto:francois.roubaud@ird.fr">francois.roubaud@ird.fr</a> |
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