

Alexandre MATHIEU

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CURRENT POSITIONS

Since 10/21 : PHD Student at [UMI SOURCE](#) (Paris-Saclay University, UVSQ, IRD).

Thesis project : “The role of green jobs in the sustainability and resilience of development : the case of marginalized territories”. *Doctoral School Droit, Economie, Management (DEM) of Paris-Saclay University*.

Since 01/23 : Teaching Assistant in Games Theory (L3 Economy ; L3 Mathematics).

ACADEMIC RESPONSIBILITIES

Since 11/22 : Representative of the doctoral students of the [Droit, Economie, Management \(DEM\)](#) School of Paris-Saclay University.

Since 04/22 : Representative of the doctoral students of the [UMI SOURCE](#).

Since 01/24 : Referent for the scientific data of UMI SOURCE and the DataSud platform of the IRD.

RESEARCH INTERESTS

Development economics ; Socio-economy ; Green economy ; Sustainability ; Resilience ; Global South ; Developing countries ; Marginalized territories ; Interdisciplinarity.

ACADEMIC DEGREES

2021 - present	PhD in Economics at Paris-Saclay University
2019 - 2021	Master's Degree in Political Economy and Institutions at Paris-Saclay University
2016 - 2019	Bachelor's Degree in Philosophy at Sorbonne University
2015 - 2018	Bachelor's Degree in Sociology at University of Versailles-Saint-Quentin-en-Yvelines

SCIENTIFIC PRODUCTIONS

Papers

- [1] Mathieu, A. (2024). Bibliometric dataset (1995-2022) on green jobs: A comprehensive analysis of scientific publications. *Data in Brief*, 52, 109845. <https://doi.org/10.1016/j.dib.2023.109845>
- [2] Mathieu, A. Taranco, A. (2023). Insularity and sovereignty in policies to combat COVID-19. *Mondes en développement*, 204, 35-58. <https://doi.org/10.3917/med.204.0035>

Working Papers

- [3] Article under review in *Data in Brief* : Mathieu, A. Taranco, A. Geronimi, V. A Dataset on Covid-19 Responses in Small Island Economies. *Available at SSRN 4651669*. <http://dx.doi.org/10.2139/ssrn.4651669>
- [4] Working paper Conceptual Foundations and Conditions of Green Jobs in Developing Countries: A Bibliometric Analysis.
- [5] Working paper Economic Performance of Green Jobs in Marginalized Economies.

[6] Working paper Exploring Doctoral Inequalities between the North and the South: A Literature Review.

Databases

[7] Mathieu, A. (2023). BDGJ - Bibliometric Dataset on Green Jobs. *Recherche Data Gouv*, V1. <https://doi.org/10.57745/4LOIZB>

[8] Mathieu, A. (2023). SIECRT - Small Island Economies COVID-19 Response Tracker. *Recherche Data Gouv*, V1. <https://doi.org/10.57745/I69YFF>

Posters

[9] Scientific Poster (2022) [Insularity and sovereignty in policies to combat COVID-19](#).

[10] Scientific Poster (2023) [Ivory Coast/France crossroads: green activities as a lever to strengthen regional resilience](#)

Scientific monitoring, Synthesis, Reports

[11] Goujon, M., Lucic, N. Mathieu, A. (2023). Internet Watch: Small Island Economies, Shocks and Resilience. *Mondes en développement*, 204, 179-186.

[12] Mathieu, A., Pian, L., Ba, M., Madioune, E. M., Moign, L., N'Da, L., Nguirane, M. M., Randriantse-heno, M., Rihi, Y. (2023). Doctoral Disparities between North and South: Assessment and Strategies for 'Fair Coordination' at UMI SOURCE (2022-2023). (hal-04336522)

[13] Summary of the XXXVIIth ATM Development Days, *Cahiers de l'Association Tiers-Monde*, n°38 - 2023 (coming soon).

CONFERENCES

Conferences

[1] Conference [Journées économiques des Outre-mer ARUM](#) - october 2022 - organized by the CESE (Conseil Economique, Social et Environnemental Paris), France.

[2] Conference [MOMENTOM International Congress](#) - march 2023 - organized by the Institute of Sustainable Energy (IES) of the University Paris-Saclay, France.

[3] Conference [Journées du développement de l'Association Tiers Monde \(ATM\)](#) - may 2023 - organized by Bordeaux Sciences Economiques (BSE), UMR CNRS 5319 Passages, l'Université de Bordeaux-Montaigne et Les Afriques dans le Monde (LAM) Sciences Po Bordeaux, France.

[4] Doctoral Days ["Regards critiques sur le développement"](#) - 18, 19, 20 octobre 2023 - organized by GEMDEV - Groupement pour l'étude de la mondialisation et du développement, Campus Condorcet, France.

Seminars

[1] [Laboratory seminar](#) - January 2023 - organized by UMI SOURCE, France.

[2] UMI Source 2023 Scientific Days - July 2023 - Cheikh Anta Diop University (UCAD), Senegal.

Referee

Environment, Development and Sustainability (ENVI).

Organization of scientific event

Organization in Dakar (Senegal) of the 2nd UMI SOURCE Days over 5 days.

JOURNALISM ACTIVITIES

10/21 to 10/23 : Scientific writing-journalism at the Brand and Communication Department of Paris-Saclay University.

- [1] “The Qiulai qin’s hidden song is finally revealed : when science makes music” (11/25/2021). [Link](#) |
- [2] “Data Science or results science : are we shifting away from statistics ?” (01/12/2022). [Link](#) |
- [3] “The closure of schools, Covid-19 and children’s mental health” (01/19/2022). [Link](#) |
- [4] “Antoine Browaeys : the quest for quantum computing using cold atoms” (02/25/2022). [Link](#) |
- [5] “Neurodegenerative diseases : the links between astrocytes and neuropsychiatric symptoms” (03/10/2022). [Link](#) |
- [6] “The ‘harmonic telescope’: Go on a hunt for exoplanets” in *L’Edition n°18* (05/2022). [Link](#) |
- [7] “Volvox: Spotlight on the colours of gold at nanoscale” in *L’Edition n°18* (05/2022). [Link](#) |
- [8] “Inauguration of the IJCLab” in *L’Edition n°18* (05/2022). [Link](#) |
- [9] “CORSAIR: Controlling the emission of light from ordered arrays of atoms” (04/11/2022). [Link](#) |
- [10] “ENDOVX: Improving the management of aortic injuries” (04/14/2022). [Link](#) |
- [11] “Every gender deserves work free of inequality” (09/09/2022). [Link](#) |
- [12] “Climate and environmental upheaval: responses of non-western communities to signs of human extinction” (09/30/2022). [Link](#) |
- [13] “QUARMEN Master’s degree: at the cutting edge of quantum physics” in *L’Edition n°19* (09/2022). [Link](#) |
- [14] “The 2022 International School on Ultrafast X-ray Science at Paris-Saclay” in *L’Edition n°19* (09/2022). [Link](#) |
- [15] “Mastering the heterogeneity of autism forms” in *L’Edition n°19* (01/2023). [Link](#) |
- [16] “V-LF-SPIRO3D : respiration in images” (02/2023). [Link](#) |
- [17] “VOLTING : from reduced mobility to augmented and emotional mobility” (03/2023). [Link](#) |
- [18] “Gaël Varoquaux : AI for everyone” (05/2023). [Link](#) |
- [19] “IconLab : boost your scientific mediation !” in *L’Edition 21* (05/2023). [Link](#) |
- [20] ““Rendez-vous des jeunes mathématiciennes et informaticiennes” moves to ENS Paris-Saclay” in *L’Edition 21* (05/2023). [Link](#) |
- [21] “Aspie-Friendly : inclusion of people with autism at the Université” in *L’Edition 21* (05/2023). [Link](#) |

- [22] “Student ambassadors : support for new students” in *L’Edition 21* (05/2023). [Link](#) |
- [23] “NectarGland : the genetic dance of flowers for pollinators” (28/09/2023). [Link](#) |
- [24] “Deciphering history and heritage” in *L’Edition 22* (11/2023). [Link](#) |

SUPERVISING

Since 01/23 : Teaching Assistant in Games Theory (36h) for 3 groups of L3 Economy and L3 Mathematics.

Since 01/22 : Supervision of master’s students in the context of tutored projects for the [POLIR programme](#), and since October 2023 on the realization of a carbon assessment of UMI SOURCE in line with the work of the labos1point5 collective.

SKILLS

Statistical and econometric tools : R, Stata, Excel, GAMS.

Bibliographic tools : Zotero, Latex, Bibliometrix, VOSViewer.

Pack office.