

*Associate Professor in Economics (University of Lorraine)*

## Major areas of specialization

Research Themes **Fiscal Federalism, Spatial Interactions, Public Economics, Environmental Economics, Energy, Animal Health Economics**

Research Methods **Applied Econometrics, Spatial Econometrics, Game Theory**

## Education

2014-2018 **Ph.D in Economics**, Université de Bourgogne Franche-Comté, under the supervision of Julie LE GALLO and Marie-Laure BREUILLE, France

**Title : Spatial Interactions and Energy**, defended on December 13th, 2018, Jury : Marie-Laure BREUILLE (advisor), Pascale Duran-Vigneron, Mouez FODHA (referee), Julie LE GALLO (advisor), Diégo LEGROS (president), Babacar SENE, Emmanuelle TAUGOURDEAU (referee)

2013-2014 **Master degree in Economics, "Chargé d'Etudes Economiques"**, Université de Bourgogne Franche-Comté

Dissertation written under the supervision of Julie LE GALLO

2011-2012 **Master degree in Economics, "International Trade"**, Université de La Rochelle

2009-2011 **"Diplôme d'Etudes Approfondies" or collaborative Master degree in Economics "Economic Policy Analysis" (APE)**, Université Cheikh Anta Diop de Dakar, Senegal

2008-2009 **"Maîtrise" or First Postgraduate Diploma in Economics**, Université Cheikh Anta Diop de Dakar, Senegal

2005-2008 **"Licence" or Bachelor degree in Economics**, Université Cheikh Anta Diop de Dakar, Senegal

## Teaching

2023-2024 **Teaching in Economics**, University of Lorraine

- Microeconomics
- Statistics
- Economic policy
- Survey techniques and sampling methods
- Spatial econometrics
- 2022 **Teaching in Spatial Econometrics**, ENSAE, Malakoff
- Spatial models in cross-section
- Spatial panel models (including common factors)
- Geographical and Economic weight matrices
- Geographically weighted regression

## 2019-2021 **Teaching in Animal Health Economics**

- ENVT Toulouse
- VetAgro Sup, Lyon
- Autonomous University of Barcelona

## 2017-2018 **Teaching assistant in Economics**, Université de Tours

- General Economics, first year (Economic and Social Management)
- Microeconomics, first year (Economics)
- Macroeconomics, second year (Economic and Social Management)

## 2016-2017 **Teaching assistant in Economics** , Université de Franche-Comté

- Mathematics, first year (Economics)
- Tutorials in Descriptive Statistics, first year (Economics)

## Research

### Publications

- 2021 **Environmental expenditure interactions among countries, a spatial panel data analysis of OECD countries case over the period 1994-2014**, *Economic modelling*, 2021, pp.244-255, link to this article : <https://www.sciencedirect.com/science/article/abs/pii/S0264999320312244>  
with Julie Le Gallo
- 2018 **Road tax interactions among local governments : a spatial panel data analysis of the French case over the period 1984-2000**, *Applied Economics*, pp 4182-4196, link to this article : <https://doi.org/10.1080/00036846.2018.1441518>

### Submitted papers

- 2023 **Mining the forests : do protected areas hinder mining-driven forest loss in Sub-Saharan Africa ?**, *Ecological Economics*  
with Jean-Louis Combes, Pascale Combes Motel and Manegdo Ulrich Doamba
- 2023 **Cocoa, livelihoods and deforestation in the Congo Basin : A spatial analysis**, *Plos One*  
with Jonas NGOUHOUE POUFOUN ; Sabine Chaupain-Guillot ; Denis Sonwa ; Kevin Djabo and Philippe Delacote

### Working Papers & Work in Progress

- 2022 **Drivers of french dairy restructuring : a spatial probit analysis**  
with Marie Dervillé, Didier Raboisson and Guillaume Lhermie
- 2022 **Evaluating the acceptability of biosecurity measures with a discet choice experiment method**  
with Guillaume Lhermie and Pierre Ouedraogo
- 2022 **Spatial interactions of sanitary risk factor : A spatial panel data analysis of french municipalities over the period 2010-2019**  
with Mehdi Berrada, Didier Raboisson and Guillaume Lhermie
- 2019 **Architecture of energy fiscal federalism**, with Marie-Laure BREUILLE

UFR DEA:Droit, Economie et Administration, Ile du Saulcy, – CS 80428

57045 METZ Cedex 1, France

☎ + 33 (0)7 52 28 51 27

✉ [ndiaye-youba@live.fr](mailto:ndiaye-youba@live.fr) / [youba.ndiaye@univ-lorraine.fr](mailto:youba.ndiaye@univ-lorraine.fr) • **in** Youba NDIAYE

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## Communications

- 2022 **20th International workshop spatial econometrics and statistics** , *Lille, France*
- 2021 **Soci t  Franaise d' conomie Rurale (SFER)** , *Toulouse, France*
- **International Society for Economics and Social Sciences of Animal Health conference (ISESSAH)**, *November, Malaysia*
  - **One Health Antimicrobial Stewardships conference** , *March, Alberta, Canada*
- 2019 **PET : Public Economic Theory conference**, *Strasbourg, France*
- 2018 **5th Annual Conference of the French Association of Environmental and Resource Economists (FAERE)**, *Aix-en-Provence, France*
- 2017 **1st Edition of FuturMob'17**, *Montb liard, France*
- **2nd Edition of "Energie et Territoires"**, *Paris School of Economics, France*
  - **CESAER research seminars**, *Dijon, France*
- 2016 **15th International workshop spatial econometrics and statistics**, *Orl ans, France*
- **4th Doctoral Day "Public Policy Analysis"**, *LeHavre, France*
  - **CESAER research seminars**, *Dijon, France*
- 2015 **8th seminar of Spatial Econometric Jean Paelinck**, *Dijon, France*
- **2nd interdisciplinary day : Spatial Data Meetings (SDM)**, *Dijon, France*
  - **1st Edition of "Energie et Territoires"**, *Dijon, France*
  - **CESAER research seminars**, *Dijon, France*

## Skills

Languages **French, English**

Software **Latex, R, SAS, Mathematica, Maple**

GIS **ArcGIS, Geoda, QGIS**  
software

## Miscellaneous

- 2015-2017 **Co-manager of the internal seminar "GTI"**, *CESAER, UMR INRA Dijon, France*
- 2016 **Training workshop in Spatial Econometric : "Summer School"**, *Rome, Italia*

## References

### **Julie LE GALLO**

Full Professor, Agrosup Dijon  
26, bd Docteur Petitjean  
21 079 Dijon, France  
julie.le-gallo@agrosupdijon.fr

### **Marie-Laure BREUILLE**

Researcher at INRA  
26, bd Docteur Petitjean  
21 079 Dijon, France  
marie.breuille@inra.fr

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57045 METZ Cedex 1, France  
☎ + 33 (0)7 52 28 51 27*