Emilie Etienne

Born on Sept 1st, 1986
French nationality

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Currently PhD candidate in sociology and economy, I have worked for the last ten years on technologies to alleviate poverty, with a particular interest on the sustainability of infrastructures. My PhD focuses on the social, economic, and technical longevity of solar mini-grids in off-grid villages in Africa and Peru.

Education

2020 – 2023 **PhD candidate in sociology and economics**
Title: The future of solar projects: a socio-economic research on the autonomy of off-grid solutions in emerging countries
Supervised by P. Trompette (Pacte), S. Mathy (Gael), N. Plain, E. Lepoutre and O. Jacquet (Schneider Electric)
University Grenoble-Alps; Grenoble

2017 - 2019 **Data, Economics and Development Policy Micro-Master**
Massachusetts Institute of Technology (J-Pal) / on-line

2006-2009 **Master II of International Relations**
Master II of Cooperation and Development Policies
With honours - University Paris I Panthéon Sorbonne; Paris

2004-2006 **Economics' Intensive courses** (Classe Préparatoire)
Highest honour – Burgundy University; Dijon

Work experience

Project manager & Global program officer (Flood Resilience Alliance)
Practical Action – Peru and United Kingdom   02/2015 – 11/2020

✓ Implementation of a global research-action program with LSE and IIASA in 70+ communities
✓ Master trainer on flood resilience (80 people trained in Africa, South-East Asia, Latin America & the Balkans).
✓ Development of impact-assessment tool.
✓ Team management (10 people, in Lima and Piura - Peru).
✓ Budget management (US$ 2 000 000 over 5 years).
✓ Coordination with Peruvian Ministries, local governments and Research partners

Internal consultant on energy issues

Microsol – Peru, Colombia, Ecuador, Bolivia & Chile   06/2013 – 07/2014

✓ Design of a mixed methodology to assess cookstoves' sustainability.
  ⇨ Field-testing with 60 surveys and 3 workshops (available upon request).
✓ Feasibility study on schemes to fund access to renewable electricity.
  ⇨ Interviews of 175 Latin-American experts ([download the study](#)).

Development Director – water and energy projects

blueEnergy – France and Nicaragua   09/2011-05/2013

✓ Fundraising (companies, charities, individuals) in close coordination with the US team. In 2012, the annual budget of blueEnergy France increased by 100%.
✓ Project design, evaluation and reporting to donors, in coordination with field team.
✓ Coordination and training of the volunteer network (20 people).
✓ Communication (website, newsletters, flyers, etc.).

Funder and coordinator of the Kayhinam Llaqtay project

World Vision – Peru   11/2009-06/2011

✓ In France : communication, fundraising, team management, events organization (exhibition and social dinners).
✓ In Peru (6 months): projects activities implementation, workshop facilitator with teenagers (50 workshops).

10/2009-12/2010 **European Project manager**

National Agronomical Research Institute (INRA) - France

✓ Financial follow-up and reporting to the European Commission.
✓ Creation of a network of European Doctoral Schools.
✓ Organization of 3 conferences (China, Hungary, France), with 300 participants.

Languages and computer skills

French: Native proficiency
Spanish: Full professional proficiency
English: Full professional proficiency
Portuguese: Professional working proficiency
Quechua: Limited working proficiency

5 years living in Latin-America
2 years living in UK, used on a daily basis
3 years-learning, 4 months living in Brazil
Advanced diploma from INALCO University (Paris)

Invited speaker – main presentations

2016-2019   Latin-American Forum of Disaster Risk Management, webinars
             Flood resilience measurement tool

2017   Interviews in Peruvian media (RPP, Canal N, TV Peru)
             Flood Early Warning Systems

2014 & 2013 COP20 (parallel events), UNI, Tacna University, Schneider Electric,
OLADE (webinar), Colombian Ministry of Energy, etc.
Voluntary carbon markets for access to energy

 ## Main publications

As author & co-author

On climate change and disaster risk reduction

Adam French, A. K. (2017). Coupling Post-Event and Prospective Analyses for El Niño-related Risk Reduction in Peru. *Geophysical Research Abstracts*, ([link](#)).

Carlos Escalante, E. E. (2017). Reconstrucción: una mirada desde las poblaciones afectadas. *Cuadernos Urbanos num. 3*, 23-27.

Etienne, E. (2014). *Study of the potential to spread energy efficiency's carbon programs in Latin America .* Paris: Microsol – Rexel, ([link](#)).

Etienne, E., Acharya, S., Cuba, M., Henderson, C., Maina, L., McQuistan, C., . . . Sneddon, A. (2019). Gender in national adaptation planning and implementation: Insights from Practical Action towards the Adaptation Committee, ([link](#)).

Magnuszewski, Piotr, et al. (2019). «The Flood Resilience Systems Framework: from Concept to Application» *Journal of Integrated Disaster Risk Management*, ([link](#)).

Zapata, Felix, Emilie Etienne, Alcides Vilela. (2018). *El rol de los ecosistemas ribereños para el control de inundaciones.* Lima: Practical Action, ([link](#)).

On planning, monitoring and evaluation

Alfonso Cotera, E. E. (2017). *Pobreza y resiliencia en barrios de Lima Metropolitana - Metodología de Análisis Económico de Hogares (HEA), aplicada en Carabayllo, Ate-Vitarte, Chaclacayo y Chosica.* Lima: Practical Action, ([link](#)).

Etienne, E., et al. (2019). *From results analysis to intervention planning.* Rugby: Zurich Flood Resilience Alliance, ([link](#)).

Etienne, E. (2014). *Metodología para medir la sostenibilidad de proyectos de cocinas mejoradas en el Perú .* Lima: Microsol.

As coordinator or reviewer

CENEPRED. (2018). *Guía Metodológica para elaborar el Plan de Prevención y Reducción de Riesgo de Desastres ante Inundaciones.* Lima.

ISET - International. (2017). *Learning from El Niño Costero 2017: Opportunities for Building Resilience in Peru.* Report, Zurich Flood Resilience Alliance, ([link](#)).