ALIÉNOR LAVERGNE

Expert in carbon cycle, forest ecophysiology and climate change

PROFESSIONAL APPOINTMENTS

Associate Editor

📅 Since mid-July 2022 📍 Springer Nature, London (UK)

- Handling scientific manuscripts at Communications Earth & Environment journal

Post-Doc Research Associate

📅 Dec. 2021 – July 2022 📍 University of Reading (UK)

- Contributing to the LEMONTREE project: Studying C_3/C_4 plants competition across the globe using stables isotopes and eco-evolutionary optimality principles

Research Associate

📅 Oct. 2017 – 2021 📍 Imperial College London (UK)

- Executed original research on carbon cycle and long-term forest response and vulnerability to climate change - use of measurements from plant materials and process-based vegetation models of different complexities.
- Research resulted in 9 peer-reviewed publications, 1 special report on Land and climate change invited by Royal Society.
- 14 presentations at international scientific conferences, department seminars and outreach events.
- Obtained £243,825 (€280,150) in grants for original research funded by Royal Society (UK) and Horizon 2020 (European Union).
- Teached a series of lectures about Global Change and Climate Policy (MSc degree) and Earth System Modelling - mentored undergraduate students.

Lecturer

📅 Sept. 2015 – 2017 📍 Université Aix-en-Provence Marseille & Université Versailles Saint-Quentin

- Designed and taught undergraduate and graduate courses in Environmental and Earth Sciences (192 hours per year)
- Research resulted in 4 peer-reviewed publications and 8 presentations at international scientific conferences and department seminars.

EDUCATION

PhD in paleoclimatology

📅 2012 – 2016 📍 Université Paris-Saclay

- Evaluation of tree-ring archive as paleoclimatic tracer in northern Patagonia
- Development of first isotopic and tree-ring growth chronologies from southern South America to reconstruct temperatures and understand tree physiological responses to climate change.
- Prepared and taught undergraduate courses in Earth Sciences (64 hours per year).

MSc   Climate-Environment Interactions

📅 2011 – 2012 📍 Université Versailles Saint-Quentin

Magistère in Geosciences

📅 2010 – 2012 📍 Ecole Normale Supérieure de Paris

BSc in Geosciences

📅 2006 – 2010 📍 Université Paris-Sud 11 Orsay

🔗 http://alienorlavergne.wixsite.com/website

in www.linkedin.com/in/alienorlavergne

🐦 @AlienorLavergne

LANGUAGES

French (native)
Spanish (bilingual)
English (fluent)

SKILLS

R
Python
LaTeX

Modelling   Numerical simulations
Statistics   Data analyses
Field measurements   Scientific writing
Data visualisation   Presentation
Conferences   Projet management
Fund-raising   Attention to detail

QUALITIES

Curiosity, International teamwork, Organization of scientific events, Facility to develop new collaborations, Critical thinking, Initiative,

HOBBIES

Reading, Writing, Dancing (african, Tango, salsa) Biking