

Nastasia Baudin

Soil Scientist

Early-career researcher in soil science with more than four years of experience in biogeochemistry applied to sustainable resource management. Involved in environmental safety projects, soil ecology research and water management field studies.

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📍 Reading, UK
📄 In nastasia-baudin-353784112

SKILLS

Research and Development
Collaborative Project Management
Data Analysis
Statistical Analysis
Field Research
Soil Chemistry Analysis
Soil Biology Analysis
Modeling
Tropical Soil
Fate Science
Biogeochemistry
Ecosystem Science
Climate Change
Sustainable Resource Management

LANGUAGES



HOBBIES

Horse Riding
Drama

EDUCATION

PhD Soil Science Warwick University & Syngenta
10/2015 – 09/2019 Reading, UK

- THESIS: Degradation of Pesticide in Brazilian soils
- Soil physicochemical and metabolome analysis
- Soil microbial community structure identification
- Forest soil – arable soil comparative study

MSc Environmental Sciences, Soil Science and Agriculture major
09/2012 – 09/2014 AgroParisTech; Pierre and Marie Curie University Paris, FRANCE

- THESIS: Soil functions and microbial community structure stability under climate change
- Field research on biogeochemistry interactions in “Massif Central”
- Field research on hydrogeological resource management
- Ecophysiology, climatology, soil-plant-atmosphere interactions

BSc Life and Earth Sciences, Ecology and Plant Science major
09/2009 – 06/2012 Pierre and Marie Curie University Paris, FRANCE

WORK EXPERIENCE

PhD Industrial placement Syngenta
11/2015 – 09/2019 Reading, UK

- Degradation and mobility properties of pesticides in Brazilian soils
- Brazilian soil metabolism analysis
- Clay analysis of Brazilian forest and arable soils

Internship CSIRO
01/2014 - 06/2014 Adelaide, AUSTRALIA

- Nutrient concentration, microbial biomass, basal and substrate-induced respiration analysis; functional genes quantification
- Effect of tillage on soil microbial community structure

Internship BIOEMCO
04/2013 – 06/2013 Créteil, FRANCE

- THESIS: Effect of climate change and soil usage on Swedish permafrost community structure stability

ORGANIZATIONS

- **SCI**, Ambassador and member of the Agri-food hub (2016-present)
- **SETAC**, Communication Officer of the UK-Branch SETAC (2016-2017)
- **EIT**, Master Label in Environmental Entrepreneurship, Alumni of the Climate KIC (Knowledge and Innovation Community), (2014 – present)

COMMUNICATIONS

- **Soil Conference** Wageningen, NL August 2019
- **IUPAC** Ghent, BE May 2019
- **SETAC** Rome, IT May 2018