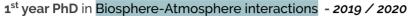# Maureen BEAUDOR

04/10/1996
French nationality
LSCE - Orme des Merisiers,
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EDUCATION and SCIENTIFIC PROJECTS

1st year PhD in Biosphere-Atmosphere interactions - *2019 / 2020*
Laboratoire des Sciences du Climat et Environnement (Gif-sur-Yvette 91191, FRANCE)
Topic : Global modeling of the nitrogen cycle: quantification of continental biosphere - atmosphere interactions and disturbances associated with the evolution of the agricultural sector and climate change (superv. J. Lathière, D. Hauglustaine, N. Vuichard).

2nd year MASTER's degree « Climate, Land-Use and Ecosystem Services » - *2018 / 2019*
AgroParisTech (Paris 75005, FRANCE).
Project : Numerical modeling of the water balance of a crop land in Ile de France
Winter School : Measurement, analysis and integrated modeling of reactive gas and aerosol exchanges between the biosphere and the atmosphere and their impacts on living organisms (*INRA*)

1st year MASTER's degree « Agroscience, Environment, Territory, Landscape and Forest » - *2017 / 2018*
AgroParisTech (Paris 75005, FRANCE).

3rd year BACHELOR's degree in BIOLOGY « Biodiversity of Organisms and Ecology » - *2016 / 2017*
Université Paris Sud (Orsay 91400, FRANCE).

"CLASSE PRÉPARATOIRE" (Biology, Chemistry, Physics, Geology) - *2014 / 2016*
Lycée Saint Hilaire (Paris 75013) / Lycée International de François 1er (Fontainebleau 77300, FRANCE).

BACCALAUREAT in Life Science (A-level) with a **distinction** - *2014*
Lycée Français François d'Assise Nicolas Barré (MONACO).

INTERNSHIPS and ASSOCIATIONS

RESEARCH INTERNSHIP - *feb 2019 - aug 2019*
Laboratoire Météorologie Dynamique (Polytechnique, Palaiseau / Jussieu, Paris, FRANCE)
Natural emissions of **pollutants** during drought and impact on **air quality** during Summer 2018 in Europe
Modeling approach and remote sensing data processing (surface variables) (superv. S. Turquety)

RESEARCH INTERNSHIP - *april 2018 - aug 2018*
Centre Scientifique de Désertification Française, Agropolis (CSFD, FRANCE)
Design of a bibliographic review: « the drought index in the world » and time-series analysis
from remote sensing (superv. G. Boulet / B. Sultan)

RESEARCH INTERNSHIP - *may 2017 - july 2017*
CERES - environmental center of l'Ecole Normale Supérieure (Paris 75005, FRANCE)
Bibliographical work on functional characteristics and relationships between plant cultures and their pathogen fungi and statistical analysis of data (superv. C. Robert / D. Claessen)

Member of the ASSOCIATION « Agro-migrateur » - *2017*
AgroParisTech (Paris 75005, FRANCE)
Conversation sessions in french with Afghan refugees

ECO-VOLUNTEER EXPERIENCES based on the development of the agroecology in communities
Kenya - *aug 2016* // **Ecuador** and **Galápagos Islands** - *aug 2017*

COMPLEMENTARY COMPETENCES

Software	Languages
R, **Python**, **Bash**, FORTRAN, SIG. **NetCDF** files processing Pack office / Google drive	**French :** maternal language **English :** B2 **Spanish :** B2 **Italian :** A2

HOBBIES

Travelling : Argentina, Uruguay, Brazil, Ecuador, USA, UK, Italy, Greece, Senegal, Kenya, Egypt, Morocco.

Sport : Ground bar dance

Scientific readings