



# EMMANUEL ADELEKE

## SUMMARY

My career goal is to become a data analyst in the field of ecology. My research interests fall broadly within the interdisciplinary field of global change ecology and my area of specialization is in biodiversity sciences.

## PERSONAL INFORMATION

HOME ADDRESS: Frankengutstraße 1,  
95447 Bayreuth, Germany.

DATE OF BIRTH: 25<sup>th</sup> December 1996  
(Age: 23 years)

Nationality: Nigerian

Sex: Male

## CONTACT

PHONE:  
+4915213383568

WEBSITE:  
[https://www.bayceer.uni-bayreuth.de/gce/en/mitarbeiter/mitarbeiter\\_detail.php?id\\_obj=148846](https://www.bayceer.uni-bayreuth.de/gce/en/mitarbeiter/mitarbeiter_detail.php?id_obj=148846)

SKYPE:  
emmanueldammlare

EMAIL:  
[emmanueldammlare@gmail.com](mailto:emmanueldammlare@gmail.com)

## APPLICATION PORTFOLIO:

<https://emmanuel-cmd.github.io/redesigned-system/>

## EDUCATION

### University of Bayreuth, Germany

11.2018 – 02.2021 · **Master of Science in Global Change Ecology**  
Provisional GPA: 1.80  
Environmental Change · Ecological Change · Societal Change

### Joseph Ayo Babalola University, Nigeria

10.2012 – 07.2016 · **Bachelor of Science in Geography**  
GPA: 4.25/5.00 (first class division)  
Climate mitigation · Climate adaptation · Climate policy ·  
Environmental Impact Assessment · Sustainability

## WORK EXPERIENCE

### Helmholtz Center for Environmental Research (UFZ), Germany

· **Department of Computational Landscape Ecology**  
07.2020—12.2020 · **Student Research Assistant (Remote)**  
- Extraction of global time series on crop production to analyse temporal developments of crop yield, yield asynchrony and diversity using the FAO database and R scripts.  
- Interactive presentation of the results on a web page using RShiny.

### Climate Analytics GgmbH, Germany

05.2020—10.2020 · **Internship at the Climate Policy Team**  
- NDC analysis, mitigation, and climate impact scenarios  
- Development of a user interface (in R and Python)  
- Literature research, review and synthesis of relevant literature  
- Drafting, formatting and editing of briefings, reports and articles  
- Administrative support

### Ignatius Ajuru University of Education, Nigeria

11.2016—11.2017 · **Graduate Assistant**  
· Literature research · Administrative tasks · Project support  
· Academic assistance with lectures and presentations · Report drafting

## SEMINARS, CONFERENCES & SCHOOLS

- International Symposium on Zoonoses Research 2020
- Global Diversity – Training Workshop on “Working between cultures” (2019).
- IPBES 7 Conference (2019) in France – Global Assessment Report on Biodiversity & Ecosystem Services.

## SKILLS

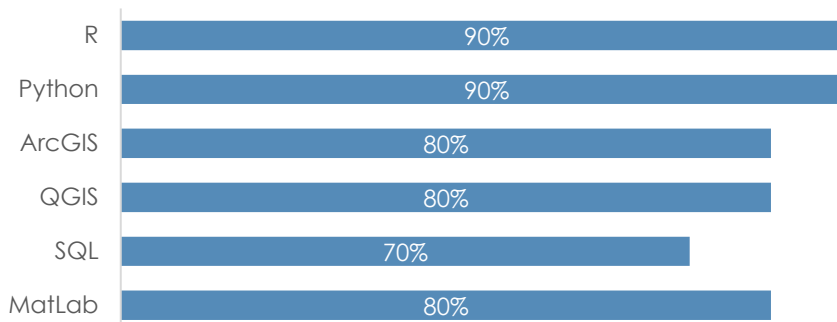
Interpersonal skills  
Communication  
Time management  
Collaboration  
Creativity  
Project support  
Presentation skills  
Ability to work independently  
Organizational skills

## INTERESTS

Ecological Modelling  
GIS & Remote Sensing  
Global Change Ecology  
Machine Learning  
Programming

- La Palma Science School 2019: Cloud value, pine forests, fog precipitation and freshwater provisioning. *Impact of climate change on fog water harvesting potential of pine forests.*
- Modelling Challenges for Mountain Ecosystems (MCME) Winter School 2019, University of Hamburg: Climate Modelling and Ecological Niche Modelling with applications in R.

## TECHNICAL & PROGRAMMING SKILLS



## RECENT PROJECTS

- **Master Thesis:** Using a machine learning model to explain the role of wind speed in predicting the non-occurrences of the invasive vector mosquito *Ae. albopictus* in Europe. (Submission Date: 02.2021)
- Agricultural production, stability & peak year dashboard (UFZ). <https://emmanueldammlare.shinyapps.io/stabApp/>
- RBF NDC ambition tool v1.0.1 (Climate Analytics). <http://tools.climateanalytics.org/ndc-ambition-tool-rbf/tool/>

## LANGUAGES

- English Language
- German Language (Advanced) – B2 Niveau
- Yoruba Language (Mother tongue)

## REFERENCES

- PD Dr. Martin Pfeiffer, Senior Scientist, Department of Biogeography. University of Bayreuth.  
Email: [martin.pfeiffer@uni-bayreuth.de](mailto:martin.pfeiffer@uni-bayreuth.de)
- Dr. Stephanie Thomas, Coordinator, Global Change Ecology (M.Sc). University of Bayreuth.  
Email: [stephanie.thomas@uni-bayreuth.de](mailto:stephanie.thomas@uni-bayreuth.de)

**Please find here a data analysis portfolio in support of my application:**

<https://emmanuel-cmd.github.io/redesigned-system/>