




PERSONAL INFORMATION

Sèton Calmette Ariane HOUETOHOSSOU



 Abomey Calavi (Benin)
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Sex Female | Date of birth 08/11/1996 | Nationality Beninese

PhD student in Biometry

WORK EXPERIENCE

- 28/01/2020–28/02/2020 **Collaborator associate of ARES**
 Professor Romain HOUSSA, Abomey Calavi (Benin)
 Data collection
 Report
- 17/09/2019–26/09/2019 **Collaborator associate of the Forum for Agricultural Research in Africa (FARA)**
 National Institute of Agricultural Research of Benin, Abomey-Calavi (Benin)
 Data collection
 Report
- 26/07/2019–08/08/2019 **Collaborator associate of PADA**
 Agricultural Productivity and Diversification Project, Cotonou (Benin)
 Data collection
 Report
- 19/12/2018–19/02/2019 **Collaborator associate of DSA**
 Direction of Agricultural statistics, Cotonou (Benin)
 Team management
 Supervision
 Report
- 01/03/2017–01/03/2019 **Research assistant at the Labef**
 Laboratoire de Biomathématiques et d'Estimations Forestières Abomey-Calavi (Benin)
 Planning and experiment setting up in the field of forestry and crop production
 Data base creation and Data collection
 Data pre-processing and data analysis
 Report

EDUCATION AND TRAINING

- 01/12/2016–17/12/2018 **MSc in Biostatistics** (University of Abomey-Calavi, Abomey-Calavi ,Benin)
- 15/10/2012–17/12/2015 **BSc in Agronomy, Management of Natural Resources**
 National University of Agriculture, Kétou (Benin)
- 03/10/2009–10/07/2012 **scientific Baccalaureate**
 Cours Secondaire Sainte Jeanne d'Arc, Abomey (Benin)

PERSONAL SKILLS

Mother tongue(s):Fongbé

Foreign language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

	Curriculum vitae			Sèton Calmette Ariane HOUETOHOSSOU		
French	C2	C2	C2	C2	C2	C2
English	B2	B2	B1	B1	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication acquired during my collaborations, presentations and internships.

Organisational / managerial skills Organization skills (currently member of R Ladies Cotonou Organizer)

Digital skills

Good knowledge of Microsoft (word, Excel, Power point)
 Good programming skills in R and Matlab
 Python Junior programmer

Driving licence B

ADDITIONAL INFORMATION

Seminars

Application of mixed model analysis for crop improvement: prediction of genetic values with BLUP and Bayesian methods (April, 2017)
 Estimation of gene, pollen and seeds dispersal distance using molecular markers (March, 2017)
 Economic outcomes of protected areas as incentives for sustainable conservation of natural resources: a value chain based analysis (February, 2017)
 Scientific research vis-a-vis the current challenges of the forest sector in Benin (January, 2017).

Courses

Infectious diseases and data modeling (June, 2019).
 Element of AI, Introduction to Artificial Intelligent
 Introduction to Python with Kaagle.
 Machine learning: Application in medicine
 Scientific writing: structure and logic
 Public speaking skills

Honours and awards

2021: AI4D Scholarship for PhD research
 2020: DAAD Scholarship for PhD in Biometry
 2017: Scholarship of the West African Agricultural and Productivity Program for M.Sc. in Biostatistics
 2012: National Scholarship for BSc studies in Agronomy
 2009: Prize of first woman at the BEPC exam in Zou department of Benin.

Publications

Honfo SH, **Houetohossou A**, Assogbadjo A, Glele Kakaï RL, 2019. *Effective use of statistical tools in agricultural sciences: a critical review of multivariate modelling methods*. Journal of applied Biosciences 142: 14529-14539

References

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