

William A. B. Hodonou

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Education and Training

Université de Reims Champagne-Ardenne

Master 2 - Statistics for Evaluation and Prospective. 2017

Master 2 - Economy, Environment and Sustainable Development. 2016

Kwame Nkrumah University of Science and Technology

Bachelor of Science in Actuarial and Statistics. 2013

Professional Experience

Centre d'Expertise en Évaluation du Développement: *Data analyst, 2018–Present*

- Participation in data collection project, including survey design, sample management, survey implementation, digitization of questionnaires, assistance in writing technical offers, participation in the production of technical reports.
 - Studies of the effects/impacts of training actions on the performance of civil servants. It is a question of measuring the effectiveness of training actions for State agents, in particular its effects and impacts on their performance and that of the public administration.
 - The municipal satisfaction survey as part of the participation of DDPDs in the implementation of advisory assistance to municipalities.
 - Impacts of the COVID-19 on agriculture, food, and nutritional security in Benin". This is a study that represents FAO's contribution to the national study carried out by the United Nations system.
- Participation in Monitoring-Evaluation studies:
 - Study to clarify and determine the reference values and target values of the indicators of the National Environment and Climate Fund (FNEC).
 - Development of an action plan for the implementation of the Low-Carbon and Climate-Resilient Sustainable Development Strategy.
 - Final evaluation of the C2D Emploi project, financed by the French Development Agency (AFD) using the OECD criteria: relevance, effectiveness, efficiency, sustainability, impact.
- Outils techniques : R, Excel, STATA, SurveyCTO.

Institut Universitaire MathFinEco: *Research assistant, lecturer, nov-2020-jan-2022*

- Developed and taught courses for undergraduate students, with topics including Excel-VBA, statistical modeling, descriptive statistics, and inference.
- Created lecture materials, provided hands-on demonstrations and mentoring, designed course assignments and examinations.
- Writing of a research document entitled: Social Spending and poverty.
- Attend management meetings.

Various Clients: *Data analyst/scientist consultant, 2019–Present*

- Individual consultant to technically support the baseline data collection of the project PLURIELLES.
- Capacity building of INSTAD technical staff and sectoral structures in the design and implementation of data collection operations with KOBOLLECT.
- Individual statistician consultant for the evaluation of the effects and impacts induced by the implementation of PADMAR.
- Associate Consultant for the Evaluation of the Malaria Surveillance System in Benin for CHAI. Ensures the digitization, training of agents supervising the collection and processing of data.
- Development of the national social profile: assessment of the effects of the COVID 19 pandemic on the living conditions of households and vulnerable groups following the response measures taken by the government of Benin
- Baseline study on the impact of COVID-19 on Decentralized Financial Systems, funded by the FNM.
- Socio-economic survey mission for final evaluation of the impacts of PAURAD achievements – LOT MO2002-PAURAD/EVA_FIN. Ensures the digitization, training of agents, supervising data collection cleaning.

INRAB/Programme Analyse de la politique Agricole: *Research assistant 2019-2020*

- Write a research paper titled: The impact of adoption of improved cereals variety on food security and well-being in Benin.
- Participation in the collection of primary data for 2 studies: Techno-economic evaluation of the use of tractors and main power tillers in soil preparation and minimum tillage works on different soils in Benin; Analysis of supply and demand for types of agricultural credit adapted to the needs of rural women.

Mutuelle Générale de la Police: *Analysis Officer, 2017(5 months) Créteil, France*

- Updating and production of activity management dashboards for the operations department.
- Reporting of quality and performance indicators.
- Creation of a statistical model to predict the workflow to optimize the team's working time. Technical Tools: R, Excel, VBA, Limesurvey.

Technical Skills:

- Programming and Statistical Software & tools: Python, R, Jupyter, RMarkdown, Excel-VBA, SPSS, STATA, SAS (certified base programmer for SAS 9), Surveycto, kobotoolbox.
- Statistics: Multivariate statistical analysis (PCA, Multiple factor analysis), Linear models, public policy impact assessment methods, classification, machine learning, etc.
- Languages: French (native), English (Full professional proficiency)