

PERSONAL INFORMATION FORM TO UPDATE LABEF WEBSITE



1. Contact

Full name: TAHI Souand Peace Gloria

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Email : souandtahi@gmail.com

Position: Postdoctoral Researcher in Biometry

NB: Provide the original image file of your photo when sending us the filled form.

2. What is your position at LABEF (PhD students, Post-docs, Research assistants, etc.).

Post-docs

3. Give two to five keywords that best describe your research fields

Biometry and Statistical Modeling

Machine Learning for Agriculture

Environmental and Climate Data Analysis

Causal Inference and Structural Equation Modeling

Data-Driven Decision Support in Agri-Environmental System

4. Provide a summary of your biography (max. 150 words)

Souand Peace Gloria Tahi is a postdoctoral researcher in Biometry from Benin, with a strong background in statistical modeling, machine learning, and environmental data analysis. She holds a Master's degree in Biostatistics and completed a PhD in Biometry with DAAD, AI4D, and Mawazo scholarships. Her postdoctoral research focuses on unraveling the complex interplay of environmental dynamics, socioeconomic factors, and demographic determinants in tropical disease patterns in Sub-Saharan Africa, using Structural Equation Modeling (SEM). In addition to her work on tropical diseases, Souand is also involved in improving maize yield prediction models by integrating real-world data, such as climate, soil, and sensor-based inputs, to support climate-resilient agriculture. She has published several peer-reviewed articles and is actively engaged in scientific communication, peer review, and mentoring students in statistics. She is passionate about using data science to address development challenges and contributes to interdisciplinary projects that link agriculture, the environment, and public health.

5. Provide links to your Google Scholar and ResearchGate pages

- Google scholar page: <https://scholar.google.com/citations?user=OcFj8-IAAAAJ&hl=en>
- ResearchGate page:
- ORCID page: <https://orcid.org/0000-0003-1101-2624>

- SCOPUS page: <https://www.scopus.com/authid/detail.uri?authorId=58297656000>
- Other relevant pages:

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