

ALEXANDRE MAHOUGNON AUREL ZOUMMAN

Project Manager | Research and Development Specialist | Climate and Sustainability Advocate

Phone: (221) 77 272 26 27

Email: zoummanaurel@gmail.com

LinkedIn: www.linkedin.com/in/alexandre-mahougnon-aurel-zoumman-04a86116a

Website: www.zoumman.com

SUMMARY

Multidisciplinary project manager and researcher with 7 years of experience in scientific research, international project coordination, and developing innovative solutions. Specialist in biotechnology with strong digital expertise and bilingual training facilitation skills. Passionate about sustainable development and inclusive technology. Seeking impactful opportunities to drive meaningful change.

KEY COMPETENCIES

Project Management: Strategic planning, financial management, impact analysis, and team coordination.

Research & Development: Experimental protocols, data collection/analysis, writing of scientific publications in the fields of molecular biology, genetics, biotechnology, ecology, and climate change

Website creation: WordPress development (Hostinger), content management, and basic UX/UI.

Animation & Training: Design and deliver bilingual (French/English) training courses for professionals and young audiences.

Technologies & Software: JIRA, Trello, Power BI, MS Teams, QGIS, R, KOBACOLLECT, Amplifx, SerialCloner, and ODK.

Languages: French (fluent), English (fluent), Wolof (basic)

PROFESSIONAL EXPERIENCES

Project writing and Management

Project Manager

|Aug 2025–Nov 2025

- Authored and coordinated a climate resilience project in Africa, fostering youth engagement in environmental action.
- Obtained €9,000 in funding from the German Federal Ministry for Economic Cooperation and Development (BMZ).
- Implemented the project in collaboration with key partners, including the German Embassy, OXFAM, and the Delegation of the European Union.
- Managed media outreach, visibility, and communication strategy.
- Produced detailed financial and management reports to ensure transparency and accountability.

Project Manager

|Mar 2025–Jun 2025

- Designed and implemented a communication project promoting European Union initiatives, including the Global Gateway and Erasmus+ scholarships.
- Secured a grant of approximately €12,000 from the European Union to fund the initiative.
- Oversaw project execution, including financial management, reporting, and media communication.
- Prepared technical and financial reports, ensuring compliance with donor requirements.

Training facilitator consultant (Abuja Nigeria)

ASAF & MDF West Africa

|Jun 2024–Dec 2024

- Led strategic and logistical planning for high-level training sessions and stakeholder engagements.
- Co-designed and developed training agendas and content in collaboration with regional and international partners.
- Facilitated bilingual sessions and ensured effective English–French translation during meetings and workshops.
- Developed and provided training support materials tailored to participant needs.
- Conducted monitoring, evaluation, and reporting (M&E) to assess training impact and ensure continuous improvement.

Vice President for Coordination and Regional Integration

ASAF (African Students and Alumni Forum)

Sept 2022 – Dec 2024

- Coordinated and supervised over 48 national representatives across Africa, ensuring strategic alignment and effective regional collaboration.
- Planned and implemented the network's annual activities in accordance with ASAF's vision and operational objectives.
- Organized and facilitated board meetings, ensuring timely decision-making and efficient follow-up on action points.
- Prepared and disseminated official meeting reports, promoting accountability and institutional transparency.
- Presented and defended the Board report during the annual General Assembly.

Research Assistant

CIRAD (LMI IESOL/LEMSAT)

|Oct 2020 - Dec 2024

- Managed molecular aspects of research projects on tropical soils and agroecosystems.
- Led research on nature-based solutions for soil salinization adaptation.
- Coordinated research teams and contributed to the preparation of scientific reports.
- Conducted literature reviews and synthesized scientific knowledge.
- Designed research protocols and planned experimental trials.
- Implemented and monitored laboratory, greenhouse, and field experiments.
- Collected and analyzed data, ensuring rigorous scientific methodology.
- Authored activity reports and contributed to scientific publications.
- Communicated and presented research findings at scientific events.
- Contributed to multiple research projects, including ACCEPT MABs, VALID MABs, FSPI AGRECOCARIBE.

IRD (LMI LAPSE/LCM)

|Jan 2019 - Oct. 2020

- Participated in the development of research protocols.
- Conducted in vitro and in vivo experiments to enhance legume-rhizobacteria symbiosis.
- Contributed to the **ANR SymEffectors** research project.
- Analyzed and interpreted research data, leading to the writing and publication of scientific articles.
- Presented research findings at scientific events.
- Authored and defended a Master's thesis based on a subset of the SymEffectors project data.

Teacher – Life and Earth Sciences (High School & Middle School)

Ministry of Secondary Education - Bénin

|Oct 2017 - Jul 2018

- Taught biology, geology, and environmental sciences to secondary school students.
- Designed and delivered engaging lessons aligned with the national curriculum.
- Implemented practical demonstrations and laboratory activities to enhance student learning.
- Assessed and monitored student progress, providing guidance and academic support.
- Developed and adapted teaching materials to improve comprehension and knowledge retention.

EDUCATION

Cheikh Anta Diop University, Dakar, Senegal

Ph.D. in Plant Biology, option: Plant and Microbial Biotechnologies (ongoing)

Cheikh Anta Diop University, Dakar, Senegal

Master in Plant Biology, option: Plant and Microbial Biotechnologies

Alison (online Diploma)

Diploma in Environmental Management

University of Abomey-Calavi, Benin

Bachelor's degree in Natural Sciences, option: Genetics, Biotechnologies and Natural Resources

TRAINING & CERTIFICATIONS

Campus GROUPE AFD

- Monitoring and evaluation of a development project

Jacob's Ladder Africa

Africa Youth Climate Finance Fellow

- Climate Finance
- Climate advocacy
- Sustainable development

ITT - Technische Hochschule Köln, Germany

- Climate change adaptation

Wageningen University & Research

- Resilient and sustainable food systems for Food Secure Future

Disasterready (online certificate)

- Project financial management
- Project management fundamentals

ASAF (African Students and Alumni Forum)

Networking and stakeholder management

SCIENTIFIC PUBLICATIONS

2021

Identification of type III effectors influencing the symbiotic properties of *Bradyrhizobium vignae* strain ORS3257 with various *Vigna* species. Published in SciRep 11, 4874 (2021).

Available at: <https://doi.org/10.1038/s41598-021-84205-w>

2025

Exploring Microbial Diversity in Forest Litter-Based Fermented Bioproducts and Their Effects on Tomato (*Solanum lycopersicum* L.) Growth in Senegal. Int. J. Plant Biol. 2025, 16, 55. <https://doi.org/10.3390/ijpb16020055>

VOLUNTEERING, LEADERSHIP AND SOCIAL ENGAGEMENT

YAAC (Youth Alliance for Agroecology and Climate)

Co-founder and President

[Nov 2024 - Present

- General coordinator of the network
- Lead the mangrove protection initiative
- Training design and implementation
- Climate education and climate initiatives

RJBD (Réseau des jeunes Béninois de la diaspora)

Member

[Sept 2023

REFERENCES

- | | |
|--|---|
| <ul style="list-style-type: none">• Dr. Clémence CHAINTREUIL
Researcher / Supervisor
(33) 677085535 / (221) 773810264.
clemence.chaintreuil@ird.fr• Mr. Damien MOUZOUN
Senior trainer/CEO AYINA THINK TANK
(250) 0730121212
mouzoundamien7@gmail.com | <ul style="list-style-type: none">• Mrs. Dalila Aurel DOSSOU
Gender & Youth Advisor
(221) 781524095
daliladossou24@gmail.com |
|--|---|