

CURRICULUM VITAE

December 13, 2023

NAME

Vodjo Nicodème FASSINOU HOTEgni (PhD), Agronomy, Crop Physiology, Agri-food value chains management

TITLE, RESPONSIBILITY, ACADEMIC AFFILIATION

Lecturer-Researcher
Genetics, Biotechnology, and Seed Sciences Unit
Laboratory of Plant Production, Physiology and Plant Breeding (PAGEV)
Faculty of Agricultural Sciences (FSA), University of Abomey Calavi (UAC)
Elect-President of the African Association of Precision Agriculture (AAPA)
Associate Editor of Agrosystems, Geosciences & Environment (AGE) journal (Wiley Journal)

CONTACT DETAILS

Faculty of Agricultural Sciences, University of Abomey-Calavi,
01 BP 526 Cotonou, Republic of Benin, Tel. (+229) 97 58 23 61
Email: nicodemef@gmail.com / nicodeme.fassinou@uac.bj,
URL <http://gbios-uac.org/>

EDUCATION / QUALIFICATION

2008-2014: PhD in Crop Physiology– Centre for Crop Systems Analysis (CSA) & Operations Research and Logistics Group – Wageningen University (the Netherlands)

Thesis title: Using Agronomic tools to improve pineapple quality and its uniformity in Benin (Thesis available on <https://library.wur.nl/WebQuery/wda/2065528>) (Main activities: designing and implementing field-based experiments and produced pineapple meeting export criteria)

Complementary courses attended: Crop ecology (notion of thermal time, crop growth analysis, crop modelling, radiation use efficiency, water use efficiency), Advanced statistics, Advanced supply chains management, Scientific writing, Crop experimentation, Post-harvest biology, Decision in Science

Thesis Promotors: Prof. Paul Struik (Plant Sciences Group) and Prof. Jack Van der Vorst (Social Sciences Group)

2002-2007: Agricultural Engineer Degree (Equivalent to MSc) – School of Crop Sciences – Faculty of Agricultural Sciences, University of Abomey-Calavi (Benin Republic)

Some courses attended: Horticulture, Crop physiology, Soil fertility, Ecophysiology, Biotechnology, Entomology, Micro and macroeconomy, Statistics, etc.

2002-2006: General Agronomy Diploma – Faculty of Agricultural Sciences, University of Abomey-Calavi (Benin Republic)

Some courses attended: Ecophysiology, Crop physiology, Soil fertility, Biotechnology, Entomology, Integrated pest management, English, micro and macroeconomy, statistics.

MOST RECENT TRAININGS ATTENDED

10 April-06 May 2023: Edx (Online): Project Management for Development course offered by the Inter-American Development Bank (IDBx)

Knowledge acquired: Project Charter, Work Break Down structure, Time management, Cost Management Tool, Procurement Management Tool; Risks Management Tool; Communication tool; Human Resources Management.

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Verified certificate with valid certificate ID

13-15 June 2022: Basic HEAT Course, Kontakt der Kontinenten, Soesterberg, The Netherlands

Trainers: Centre for Safety and Development, the Netherlands

Knowledge acquired: Security awareness, Gender safety, Medical Accident control, Dealing with Aggression, Basic Life Support, Hostage Survival, Ammunition Awareness, Field Safety skills, Communication skills, Simulations

June-August 2022: Edx (Online): Drones for Agriculture, prepare and design your drone (UAV) mission, Wageningen University and Research Centre

Knowledge acquired: Remote Sensing, UAV's and Applications, Planning a mission and acquiring data, overview what international legislation and regulations are concerning drones, Perform the required flight preparations and create- and execute a safe mission setup, Define a mission planning with the available open source and commercial tools, Discuss the potential of image product delivery for different purposes, Examine drone data and derive information from it.

Verified certificate with valid certificate ID

June 2020-August 2020 : Edx (Online) course Sustainable Food Security: Crop Production, Wageningen University and Research Centre

Knowledge refreshed: Food security pillars, Food access and utilization, process of photosynthesis, principles of production ecology, CO₂ assimilation, maintenance respiration, Growth respiration, Growth and development, Harvest index, Transpiration and assimilation, water balance and soil type, Nutrient uptake and yield, **Nutrient balance and losses**, yield reducing factors (weeds, pest and diseases), LINTUL model

Verified certificate with valid certificate ID

June 2019 (23-28): Summer School International Summer School on "Methodological Approaches to System Experiments, Volterra, Italy

Knowledge acquired: Typology of system experiments, Experimental designs, Decision rules, What is Scheme of Hypothesis, Inferential statistics, Graphical analysis, Multivariate analysis, Data mining approaches and application, longitudinal analysis, Use of R for statistical analysis

April 2019: Training on the use of KoBoCollect for data collection –University of Abomey-Calavi, Benin Republic

Knowledge acquired: Data collection using mobile phone, data visualization

April 2019: Training on Molecular Biology & Open Labware Building Workshop, JR Biotech University of Abomey-Calavi, Benin Republic, West Africa

Knowledge acquired: Molecular Biology concepts and tools, DNA structure, DNA extraction (practical), Use of R for statistical analysis, techniques of writing and presenting a scientific paper, Open labware building,

May 2017: Training on educational approach and educational mentality - Educational Center and Quality Assurance (CPUAQ) and Volunteer service of the University of Abomey-Calavi (SVUAC), University of Abomey-Calavi (Benin Republic)

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Knowledge acquired: How to teach students, how to change student's mentality for a giving back to their communities

Jan 2017: Training on educational approach - Educational Center and Quality Assurance (CPUAQ), University of Abomey-Calavi (Benin Republic)

Knowledge acquired: How to teach and supervise students, how to manage large students' groups, how to use ICT in teaching process, How to pay attention to student's concerns.

Jan 2016: Training on the use of Akvo Flow for project monitoring and evaluation – International Institute of Tropical Agriculture (IITA) – Mali

Knowledge acquired: Project indicators formulation, theory of change, logical framework, data collection, visualization and analysis using Akvo Flow

Oct 2015: Training on value chains analysis, innovation platform and gender analysis – International Institute of Tropical Agriculture (IITA), Cotonou (Benin Republic)

Knowledge acquired: Value chains analysis and mapping, economic analysis of value chains, how to set and manage an innovation platform, gender analysis

Nov 2012: Training on Reviewing a scientific paper – Wageningen University and research Centre (The Netherlands)

Oct 2012: Training on Multivariate analysis – C.T. de Wit Graduate School Production Ecology & Resource Conservation (PE&RC) - Wageningen University and research Centre (The Netherlands)

Knowledge acquired: Multivariate analysis

June 2011: Training on Mixed Linear Models – C.T. de Wit Graduate School Production Ecology & Resource Conservation (PE&RC) - Wageningen University and research Centre (The Netherlands)

June 2009: Training on Techniques of writing and presenting a scientific paper – Wageningen University and research Centre (The Netherlands)

March-April 2009: Advanced supply chains management course – Wageningen University and research Centre (The Netherlands)

Knowledge acquired: SCOR (Supply Chains Operations Reference) model, demand forecasting, risk analysis, locations model, inventory management models

Nov-Dec 2008: Advanced Statistics course (ANOVA one way, ANOVA two-way, Regression analysis, logistic regression, one sample t-test) – Wageningen University and research Centre (The Netherlands)

Dec 2008: Working with Endnote X – Wageningen University and research Centre (The Netherlands).

CONSULTANCIES JOBS CONDUCTED

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Nov 2023-Feb 2023: Quantified Post harvest losses along tomato value chains in southern Benin

Role: Principal consultant

Client: Applied horticultural Research (AHR), Australia

Tasks completed: interviews with key informants in different markets, conduct post-harvest losses assessment.

Dec 22-January 2023: Mapping of the Technical and Vocational Education and Training (TVET) sector in Benin with a focus on TVET in the domain of Food and Nutrition Security (FNS) and Sexual and Reproductive Health and Rights (SRHR)

Role: Principal consultant

Client: Netherlands Embassy in Benin (EKN-Benin)

Tasks completed: Interview with key stakeholders in the TVET sector in Benin, Interviews with Principal of the TVETs, TVET sector mapping; Identification of gaps that might be funded for the TVET sector development in Benin

Dec 2022-April 2023: Assessment of the sustainability of vegetable agri-food system in Benin and propose strategies that could help key actors (governments, extension agents, private sectors, technicians and non-governmental organizations) in improving sustainability aspects of the vegetable sector in Benin

Role: Principal consultant

Client: CIMMYT, Mexico

Tasks completed: Complete literature review, interviews with key informants, conduct sustainability assessment of vegetables farms in Benin

Oct 2022-Jan 2023: Conduct literature review on post-harvest losses and food safety issues on horticultural crops and fruits mainly tomato, leafy vegetables, pineapple and mango in Benin

Role: Principal consultant

Client: Applied horticultural Research (AHR), Australia

Tasks completed: Complete literature review, interviews with key informants, conduct post-harvest losses assessment.

March 2021– July 2022: Developing a Country Report to be incorporated as the Benin Chapter of an Investment Profile on the Cassava Sector in ECOWAS

Country: Benin Republic

Role: Principal consultant

Client: International Trade Center (ITC) through the West Africa Competitiveness (WACOMP) programme

Tasks completed: Identified most relevant stakeholders to interview; conducted interviews; Map Cassava value chains in Benin; Mapped business opportunities along cassava value chains in Benin, Wrote report.

Sept -Nov 2020: Diagnosis of agroecological practices in vegetables and rice production in Southern part of Benin

Country: Benin Republic

Role: Principal consultant

Client: Enabel-Benin

Tasks completed: conducted study on agroecological practices in South Benin, questionnaire elaboration, report writing and presentation.

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July (06-10) 2020: Trained health inspectors, laboratory technicians, control officers from the Beninese Agency for Sanitary Food Safety in Benin (ABSSA), the Central Laboratory for Sanitary Food Safety (LCSSA) and the Departmental Directorates of Agriculture, Livestock and Fisheries (DDAEP) located at level of the Territorial Agency for Agricultural Development (ATDA), pole 7.

Country: Benin Republic

Role: Main trainer/Principal consultant

Client: Territorial Agency for Agricultural Development (ATDA), pole 7, Benin Republic

Topics developed: Agronomic practices for high quality pineapple production, sampling technics, how to use some laboratory equipment to collect data on the quality of pineapple, juice and dried pineapple, standards and norms for pineapple production and marketing

Oct. 2019: Trained participants on agroecological practices in vegetables production in Benin Republic

Country: Benin Republic

Role: Main trainer

Client: Project Insects as Feed in West Africa

Topics developed: what is agroecology, definitions and theories, agroecological practices adoptions: barriers and way forward, role of institutions in agroecological practices promotion

Feb (27-28) 2019: Trained partners (ANADER) in Côte d'Ivoire on market information systems, contract elaboration, business development around maize value chains

Country: Côte d'Ivoire

Role: Main trainer

Client: AMAFINE Project, INRAB, Benin Republic

Topics developed: Marketing strategies, contracts, types of prices, market information systems implementation and tips

March (19-23) 2018: Trained partners in Burkina Faso, Côte d'Ivoire and Benin on Value chains analysis, innovation platforms, value chains finance models and project monitoring and evaluation

Country: Benin Republic

Role: Main trainer

Client: AMAFINE Project, INRAB, Benin Republic

Topics developed: Value chains concept, value chains analysis, value chains finance models and mechanisms, project indicators definition, Performance Indicator Table elaboration and Targets definition

Oct-Dec (2017): Agribusiness consultant – Africa Green Corporation AGC – Study on the Agribusiness Opportunities for young people along agri-value chains in the agropoles of Benin

Tasks: Conducted literature review on different agri-food value chains based on government politics; elaboration of data collection tools for selected agri-food value chains- conducted economic analysis for selected value chains (cereals, roots and tubers, fruit vegetables and leafy vegetables)

Client: Africa Green Corporation/Benin

June-Dec 2017: Associated consultant – Improvement of the productivity, competitiveness and development of geographical identity for Sugarloaf pineapple in Benin
Funded by FAO/Benin Representation.

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WORK EXPERIENCE

2019 - now: Maître-Assistant (Lecturer-Researcher), Faculty of Agricultural Sciences, University of Abomey-Calavi, Benin Republic.

Tasks: Lectures, Practical activities with students, supervision of undergraduate students, Development and implementation of research projects, Field experimentations and surveys,

Teaching: Horticulture, Crop Physiology, Post-harvest biology, Scientific English, Scientific writing including tips for a good oral presentation (in French and English), Project writing

Other activities: Coordinator of Plant Sciences Seminars

Research advisor: Prof. Enoch Achigan-Dako

2024 - now: Regional coordinator of PATH project “Capacity Building of African Young Scientists in Precision Agriculture Through Cross-Regional Academic Mobility for Enhanced Climate-Smart Agri-Food System” involving Benin, Ghana, Eswatini and Rwanda

Tasks: Coordinate the project implementation which aims at (i) training 32 MSc and 12 PhD African scholars in precision agriculture applied to crops to upgrade the continent's capability (ii) building the capacity of 10 young African trainees and 10 staff in precision agriculture and entrepreneurship (iii) improving PAAC and ICT4Ag curricula and research at the participating African Higher Education Institutions (HEIs) to address more efficiently the current challenges of agriculture and climate change; and (iv) Developing a network of HEIs in Africa involved in PAAC research and training.

Senior advisor: Prof. Enoch Achigan-Dako

2021-now: Regional Programme Manager West Africa and Sahel Regions (Benin, Ghana, Liberia, Sierra Leone, Mali, Niger, Burkina Faso, Tunisia) with focus on projects on Food and Nutrition Security & Sexual and Reproductive Health and Rights Projects/ Member of the Programme Management and Monitoring team (PMM)

International Institution: NUFFIC ([Nuffic Global Development](#)), the Netherlands

Tasks:

- Manage the Orange Knowledge Programme and align activities with the programme cycle (in total 25 Projects and more than 18,000,000 Euros);
- Organize stakeholder meetings and contribute to alumni events;
- Prepare and organise monitoring missions;
- Responsible for the calls and assessments of proposals;
- Ensure on time reporting towards the donor and take care of all administrative tasks that are involved with fund management;
- Collect good practices and lessons learned on impact of capacity development;
- Produce content that can be shared with the communications team in the Hague;
- Map the educational landscape and facilitate collaboration between Dutch and local organisations while maintaining a neutral position;
- Have frequent contact with the Dutch embassy and other stakeholders to ensure the programme aligns with the local needs and policies;
- Perform promotional activities and provide information on scholarships, trainings and institutional collaboration projects to ensure visibility of the programme.
- Covering 8 countries: **Benin, DRC, Ghana, Guinea, Liberia, Nigeria, Senegal, Sierra Leone, Tunisia** with frequent travels in Niger, Burkina and Mali

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Jan 2023 - now: Elect President of the African Association of Precision Agriculture (AAPA)

Tasks: Coordinate AAPA activities with the President; Responsible for publishing the quarterly AAPA e-newsletter for members and other subscribers; Responsible for periodic updates to the AAPA website.

Contact person: Prof. Vincent Aduramigba, President of AAPA

2016 - 2019: Assistant (Lecturer-Researcher), Faculty of Agricultural Sciences, University of Abomey-Calavi, Benin Republic.

Tasks: Lectures, Practical activities with students, supervision of undergraduate students, Development and implementation of research projects, Field experimentations and surveys,

Teaching: Horticulture, Crop Physiology, Post-harvest biology, Scientific English, Scientific writing including tips for a good oral presentation (in French and English), Project writing

Other activities: Coordinator of Plant Sciences Seminars

Research advisor: Prof. Enoch Achigan-Dako

2021-2023: Co Principal Investigator of the Project "Cowpea Atlas Platform" development in Benin funded by LegumesLab (USAID)

2020 - 2023: Executive secretary of the African Association of Precision Agriculture (AAPA)

Tasks: Organize meetings, write meetings minutes conducted by the board, Maintain membership database, Communicate with association members as needed and directed by the President.

Contact person: Prof. Kwame Frimpong, Past President of AAPA

2019 – 2022: Manager of the Scholars Entrepreneurship Funds (SEF) for business development (100,000 USD through the MasterCard Program at the University Abomey-Calavi (UAC), Benin Republic

Tasks: Supervision of the activities of 19 start-ups (involving about 100 people) led by MasterCard Foundation Scholars, Part-time

Contact person: Prof. Enoch Achigan-Dako, Coordinator of the MasterCard Program at UAC

2017 - 2022: Coaching of Startups incubated at the Laboratory of Genetics, Horticulture and Seed Sciences (GBioS), Faculty of Agricultural Sciences, University of Abomey-Calavi, Benin Republic.

Tasks: Coaching and supervision of the activities of 07 start-ups (Homeland Tastes, Seed Services, Benin Cereales, Delix, Fruit Farm, Sesame ouvre toi, Grow), Part-time

2019-2022: Researcher/Agronomist, value chains and Monitoring and Evaluation specialist – Orange Flesh Sweet Potato Project (OFSP)- (Improved Orange Fleshed Sweet Potato Value Chain for Food and Nutrition Security in Benin, Niger and Nigeria) being implemented by UP (Benin), UAC (Benin), INRAN (Niger), Ebony State University (Nigeria), Wageningen University and Research Center (WUR) and funded by African Union

Tasks: Participate in the development of annual work plans and budgets, Map OFSP seed systems in Benin, Niger and Nigeria, Design and supervise field-based agronomic experiments (multi locations experiments) aiming at improving the yield of orange fleshed sweet potato in Benin, participate in value chains studies, Surveys and write scientific papers, Part-time

Contact person: Prof. Moumouni Ismail, Coordinator of Orange Flesh Sweet Potato Project

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2018 - 2022: Researcher/Agronomist – CREAVERS project (Creation, agro-morphological, genetic and nutritional characterization of new varieties of Amaranth (*Amaranthus cruentus* L.) resistant to salinity) being implemented by FAST, ENEAM, IRSP, FSA and FSS- Funded under the UAC Competitive Funds-, Benin Republic

Tasks: Design and supervise agronomic experiments (field-based experiments and on-station experiments), co supervise BSc and MSc students and write scientific papers, Part-time

Contact person: Prof. Agbangla Clément, Coordinator of CREAVERS Project

2018 - 2022: Researcher/Agronomist – PROLAIT project (Improving the productivity and quality of local cow milk through the characterization, domestication and valorization of milk-inducing plants) - Funded under the UAC Competitive Funds-

Tasks: Design and supervise ethnobotanical studies, experimentation on milk-inducing plants, co supervise BSc and MSc students, write scientific papers, Part-time

Contact person: Prof. Dossou Joseph, Coordinator of PROLAIT Project

2018 – 2019: Monitoring and Evaluation (M&E) Specialist – AMAFINE Project (Improving the access of traders in maize value chains in Benin, Burkina Faso and Côte d'Ivoire to finance)- Funded by CORAF-

Tasks: Developed annual work plans and budgets, Trained M&E specialist in National Institute of Agricultural Research in Benin -INRAB- (Benin), AgriGrowth Management -AGM- (Burkina Faso) and National Agency for Rural Development -ANADER (Côte d'Ivoire) on Indicators formulation, indicator reporting, Data Quality Control technics, Performance Indicator Tracking Table elaboration and management, report writing

Resources developed: <https://www.youtube.com/watch?v=9cOrqbm4c1s&feature=youtu.be>

Contact person: Prof. Adjanohoun Adolphe, Director of the National Institute of Agricultural Research in Benin (INRAB), Coordinator of AMAFINE Project

2015 – 2019: Researcher/Agronomist – DAPIS project (Designing appropriate agronomic and processing practices for pineapple supply chains in Benin) implemented by the Consortium Private (Ets Magnificat), Public (Table Filière Ananas), UAC/Benin and Wageningen University/the Netherlands) – Funded by WOTRO-

Tasks: Developed annual work plans and budgets, co supervised Master students' activities in the field, supervised field-based experimentation (on-farm and large experiments), wrote scientific papers, elaborate technical sheets for high quality fresh pineapple production in Benin, worked with a wide range of stakeholders (see resources developed), assure project monitoring and evaluation

Resources developed: <https://www.youtube.com/watch?v=wMk69s8VTWM&t=164s>

<https://www.youtube.com/watch?v=KWjGZbu0Bdc&t=204s>

Contact person: Djivoh Félicité, Coordinator of DAPIS Project

2015 - 2017: Visiting Scientist, Monitoring and Evaluation (M&E) Specialist – International Institute of Tropical Agriculture (IITA) – Cowpea Out Scaling Project implemented in Ghana, Mali, Nigeria and Senegal - Funded by USAID- Coordinator: Dr. Ousmane Coulibaly

Tasks: Developed annual work plans and budgets at regional and country levels, Trained M&E specialist in Ghana, Mali, Nigeria and Senegal, participated in the setting up of sound and reliable data collection system for a good Monitoring and Evaluation system, Strengthened NARS (IER in Mali, ISRA in Senegal for instance) capacity in project target countries, Promoted and diffused cowpea technologies and innovations at large scale through access to quality seeds, Developed partnerships between, private,

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public and farmers' organizations to sustain cowpea value chains and build resilience, participated to the writing of annual and semi-annual reports meeting donor requirements, supervised about 30 people across the four countries.

2016 - 2017: Consultant– Laboratory of Capacity building in social sciences (LARCASS), Benin Republic
Tasks: Value chains analysis under ISOVAC (Improving competitiveness of Sorghum Value Chain for Food Security in West value chains) project funded by CORAF/WECARD; Analyzed maize value chains finance in UEMOA countries (Togo, Benin, Senegal, Burkina Faso, Côte d'Ivoire), funded by CORAF

2013: Researcher (Grantee) – West Africa Research Association (Boston, USA)
Tasks: Analyzed pineapple fruit value chains in Ghana, conducted focus group discussion with stakeholders in fresh pineapple value chains in Ghana, Report writing

2008 - 2014: PhD candidate – Co-innovation for Quality in African Food Chains (CoQA) project implemented in Benin, Ethiopia and South Africa (link <https://www.wur.nl/en/show/coqa.htm>)- Funded by INREF-Coordinator: Dr. Jos Bijman
Tasks: Developed research proposal, install field experiments, data collection and analysis, value chains analysis, participation to project annual work plan elaboration, papers writing and submission.
Contact person: Prof. Paul Struik (Plant Sciences Group, WUR)

KEY RECENT MEETINGS AND CONFERENCES

December 08th, 2022: Presentation on " Engaging Stakeholders in Precision Agriculture toolbox conception: Case of Cowpea Atlas Platform establishment in Benin Republic" invited as key speaker during the second African Conference on Precision Agriculture AfCPA in Kenya (5-8 December 2022)

February 12th, 2020: Presentation on 'Current state of Precision agriculture in Benin: opportunities and challenges', invited as key speaker
Contact person: Dr Steve Phillips, Principal Scientist, African Plant Nutrition Institute, Morocco

November 07th, 2018: Presentation of supplemental funds for entrepreneurship to students and MasterCard Foundation scholars at the University of Abomey-Calavi, Benin Republic

November 20-25th, 2016: Participation to the P4D week: Unleashing the power of IITA Research and Delivery teams to Transform African Agriculture - International Institute of Tropical Agriculture (IITA) Ibadan (Nigeria)

October 25-29th, 2016: Participation to Food and Business Applied Fund Workshop on Enhancing research impact for food security - Strengthening knowledge co-creation and research uptake: Poster presented: Designing appropriate agronomic and processing practices for pineapple supply chains in Benin, Cotonou (Benin Republic).

October 04-06th, 2016: Participation to the Conference on: Turning Science into business: Inclusive AgriBusiness Incubation for vibrant economies in Africa, Accra (Ghana)

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February 28-March 04th, 2016: Participation to Pan African Grain Legume and World Cowpea Conference), Livingstone (Zambia)

August 17-22, 2014: Participation to 29th International Horticultural Congress (IHC 2014): International Symposia on Pineapple, Mango and Papaya), Brisbane (Australia). Presentation on the Effects of side shoots pruning and pruning time on pineapple fruit quality.

August 22-27, 2010: Participation to 28th International Horticultural Congress (IHC 2014): International Symposia on Pineapple, Mango and Papaya). Poster 1 presentation on the "Analysis of fresh pineapple supply chains in Benin: bottlenecks and opportunities for improvement"; Poster 2 presentation on the "Analysis of pineapple production systems in Benin", Lisboa (Portugal).

MANUSCRIPT AND PROPOSAL REVIEW

Manuscript review for Journal of Food Science (1)

Manuscript review for Scientific African journal (1)

Research proposal review for the National Research Foundation (South Africa) (1)

Manuscript review for International Food and Agribusiness Management Review (1)

Manuscript review for Scientific Reports (1)

Manuscript review for Crop and Pasture Science Journal (1)

Manuscript review for Field Crop Research (2)

Manuscript review for Precision Agriculture Journal (1)

Manuscript review for Frontiers in Plant Science (1)

Manuscript review for Helyon (1)

Manuscript review for African Journal of Food, Agriculture, Nutrition and Development (1)

PROFESSIONAL MEMBERSHIP

Member of West African Research Association (WARA)

<http://www.bu.edu/wara/member/indivmember/individtmembere-h/>

Member of International Society for Horticultural Science (www.ishs.org)

Member of the African Technology Policy Studies (<http://www.atpsnet.org/>)

Member of West African Scientists Platform for Precision Agriculture

Member of African Association of Precision Agriculture (AAPA)

Member of Holland association Alumni, Benin

Member of International Society of Precision Agriculture (ISPA)

AWARDS AND DISCTINCTIONS

Oct 2023: Congratulations letter from the Dean of the Faculty of Agricultural Sciences for mobilizing 2 780 000 Euros for BIOVALOR project

Dec 2022: Research Innovation Prize from the University of Abomey-Calavi, Benin Republic

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- Dec 2019:** Congratulations letter from the head of the Laboratory of Genetics, Horticulture and Seed Sciences (GBioS) for contribution to the development of the laboratory, the leadership, agribusiness development and achievements.
- Dec 2019:** Full scholarship (Orange Knowledge Programme – Scholarship) (6173 Euros) to attend the International course on 'Horticultural sector development for emerging markets' which will take place at the Wageningen Centre of Development Innovation, Netherlands
- April 2019:** Full scholarship (1100 Euros for the course fees + travel cost + meal and accommodation) from INRA and Sant'Anna to participate to the International summer school on methodological approaches to system experiments which took place at SIAF, Volterra, Italy
- Nov 2018:** Congratulations letter from the head of the Laboratory of Genetics, Horticulture and Seed Sciences (GBioS)/FSA/UAC for efforts made in awarding project on "Improved Orange Fleshed Sweet Potato value chains for food and Nutrition security in Benin", USD 989,260, funded by Africa Union in Ethiopia.
- Dec 2017:** Congratulations letter from the head of the Laboratory of Genetics, Horticulture and Seed Sciences (GBioS) for efforts made in awarding Seeding Labs grant USD 120,000 to the Lab GBioS / Faculty of Agricultural Sciences, University of Abomey Calavi, Benin.
- Jan 2017:** Congratulations letter from the Vice chancellor of the University of Abomey-Calavi (UAC) for Participating to the mobilization of USD 5,981,167.27 for the UAC for the project entitled 'Empowering Young Academics Leadership and Entrepreneurial Abilities in Benin' –funded by the MasterCard Foundation.
- Aug 2014:** Judith Zwart Foundation grant for thesis printing –Wageningen University (the Netherlands)
- Jan 2011 – Jan 2014:** Netherlands Fellowship Program grant 46 660 Euros to conduct PhD studies at Wageningen University (The Netherlands)
- Dec 2012:** West African Research Association grant USD 3000 to conduct fresh pineapple value chains analysis in Ghana
- Aug 2010:** LEB Foundation travel grant USD 1110 to attend the 28th International Horticultural Congress in Lisboa, Portugal
- Oct 2002-Dec 2007:** National scholarship of Benin government to attend Agricultural Engineer Training at the Faculty of Agricultural Sciences (FSA), University of Abomey-Calavi (UAC)
- Dec 2007:** Congratulations letter awarded from the Dean of the Faculty of Agricultural Sciences (FSA) for being Major student in Crop Sciences, Faculty of Agricultural Sciences (FSA), University of Abomey-Calavi (UAC)

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FINANCIAL RESOURCE MOBILISATION CAPACITY

Sept 2023: Mobilisation of 1 796 820 EUR for the EU project on “Capacity Building of African Young Scientists in Precision Agriculture Through Cross-Regional Academic Mobility for Enhanced Climate-Smart Agri-Food System” involving Benin, Ghana, Eswatini and Rwanda

July 2021: Mobilisation of 2 780 000 Euros for BIOVALOR project, Renforcement de la démarche compétences et de la culture entrepreneuriale dans la formation supérieure agronomique: leviers pour l’insertion professionnelle et le développement de la bioéconomie au Bénin, UAC

June 2021: Mobilisation of USD \$391,633 for the project Cowpea Atlas Phase 1. Mapping cowpea data sources and gaps in West Africa funded by Feed the Future Innovation Lab

Nov 2018: Mobilisation of USD 989,260 for the project “Improved Orange Fleshed Sweet Potato value chains for food and Nutrition security in Benin” funded by Africa Union in Ethiopia.

Dec 2017: Mobilisation of USD 120,000 from Seeding Labs for GBioS / Faculty of Agricultural Sciences, University of Abomey Calavi, Benin.

Jan 2017: Mobilisation of USD 5,981,167.27 for the UAC for the project entitled ‘Empowering Young Academics Leadership and Entrepreneurial Abilities in Benin’ –funded by the MasterCard Foundation.

PUBLICATIONS

Thesis

Fassinou Hotegni, V. N. 2014. Using agronomic tools to improve pineapple quality and its uniformity in Benin. PhD thesis, Wageningen University, The Netherlands, with summaries in English, Dutch and French. 302 pages.

1. Christel Ferréol Azon, Vodjo Nicodème Fassinou Hotegni, Dêêdi Eurydice Olga Sogbohossou, Lewis Spencer Gnanglè, Guillaume Bodjrenou, Charlotte O. Adjé, Komivi Dossa, Clément Agbangla, Florent J.B. Quenum, Enoch G. Achigan-Dako (2023), Genotype × environment interaction and stability analysis for seed yield and yield components in sesame (*Sesamum indicum* L.) in Benin Republic using AMMI, GGE biplot and MTSI, *Heliyon*, (9),11.
2. Azon, C., Fassinou Hotegni, N., Adjé, C., Agossou, C., Sogbohossou, O., Nouletope, H., Akotchayé, O-P., Kékpè, P., Aisso, C., Guirguisou, M.A., DOssa, K., Agbangla, C., Quenum, F., and Achigan-Dako, E. (2023). Socio-demographic factors and ethnobotanical knowledge associated with sesame management practices across agroecological zones in Benin. *Experimental Agriculture*, 59, E10. doi:10.1017/S0014479723000078
3. Adigoun RFR, Houdegbe AC, Fassinou Hotegni NV, Segnon AC, N'Danikou S, Adjé CAO, Adadja RPM and Achigan-Dako EG (2022) Enabling effective maize seed system in low-income countries of West Africa: Insights from Benin. *Front. Sustain. Food Syst.* 6:1045629. doi: 10.3389/fsufs.2022.1045629

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LANGUAGE

Languages	Reading			Listening			Speaking			Writing		
	Low	Good	Very Good	Low	Good	Very Good	Low	Good	Very Good	Low	Good	Very Good
French			x			x			x			x
English			x			x			x			x

COUNTRIES VISITED SO FAR

African countries: Benin (home country), Burkina Faso, Egypt, Ethiopia, Ghana, Ivory Coast, Mali, Niger, Nigeria, Senegal, Togo

European countries: Belgium, France, Italy, Netherlands, Portugal

REFEREES

Prof. Dr. ir. Paul C. Struik

Professor in Crop Sciences/Crop Physiology

Head of the Centre for Crop Systems Analysis

Wageningen University and Research Centre (the Netherlands).

Phone: +31 317 48 42 46

Fax: +31 317 48 55 72

Email: paul.struik@wur.nl

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December 13, 2023

Prof Dr. ir. Achigan-Dako Enoch

Associate Professor in genetic, horticulture and seed sciences
Head of the Laboratory of Genetics, Horticulture and Seed Sciences
Faculty of Agricultural Sciences (FSA)
Coordinator of the MasterCard Program at UAC
University of Abomey-Calavi (Benin)
Phone : (+229) 95 39 32 83
E-mail: e.adako@gmail.com

Prof. Aoudji Augustin

Vice-Dean
Faculty of Agricultural Sciences (FSA)
University of Abomey-Calavi (UAC)
Phone: (+229) 97 48 12 80
Email : augustin.aoudji@gmail.com / aknaoudji@yahoo.fr

I do hereby confirm that the information provided above is correct to my knowledge.

Fassinou Hotegni Nicodème