

NAMES

AGOSSOU ABOEGNONHOU CHALDIA ODETTE (MSc)

TITLE, RESPONSIBILITY, AND ACADEMIC AFFILIATION

Research Assistant

Laboratory of Genetics, Horticulture, and Seed Sciences (GBioS), University of Abomey Calavi (UAC), Republic of Benin

PhD Student

Genetics and Plant Breeding, Faculty of Agriculture and Natural Resources Management (FARM), Ebonyi State University, Nigeria.

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EDUCATION / QUALIFICATION

2018 – 2022: Philosophy of Doctorate, Option: Genetics and Plant Breeding, Ebonyi State University, Nigeria, Faculty of Agriculture and Natural Resources Management (FARM).

2014 – 2016: Master of Science, Biotechnology and Plant Breeding, School of Plant Science, Faculty of Agronomic Science, University of Abomey Calavi, Benin

Project title: Agronomic and participatory evaluation of nine watermelon genotypes on ferralitic and hydromorphic soils in southern Benin. University of Abomey-Calavi (Rep. Benin)

2008 – 2012: Bachelor of Science, Crop Sciences, School of Plant Science, Faculty of Agronomic Science(FSA), University of Abomey Calavi, (UAC), Republic of Benin.

Project title: Pressions anthropiques et stratégies locales de conservation de *Vitex doniana* dans la commune de Djidja au Sud-Bénin. University of Abomey-Calavi (Rep. Benin).

RESEARCH INTERESTS

Plant breeding, Biotechnology, Genetics, Horticulture, Ethnobotany

MOST RECENT SPECIFIC TRAININGS

July 9-11th 2018 : Utilization of AquaCrop model of FAO to predict yield of crop

May 14– 25th 2018 : Online course “Base de la maîtrise de l’information et de l’accès à la recherche mondiale sur l’Agriculture” (AGORA), Organisation des Nations Unies pour l’Alimentation et l’Agriculture, FAO

December 1st 2016 – January 15th 2017: Regional Course for Francophone Africa on Agroecology and agricultural production systems in the world and in Africa, Abomey-Calavi, Benin

October 01st – December 10th 2017: Morning genetics: training course in genetics, bioinformatics and molecular biology; Organized by GBioS, FSA, UAC.

September 5th to 9th 2016 : Management and Breeding data analysis with «Breeding Management System and Breeding View», Abomey-Calavi, Benin

Trainers: Brice NDRI (Statistician), Ibnou DIENG (Biometrician) and Magni BJARNASON (Breeder)

January 4th –June 31th 2016 : Training on quantitative genetics with application in R

Organized by GBioS, FSA, UAC.

WORK EXPERIENCE

May 11-22th 2018: *Macrotyloma geocarpom* germplasm collection in Ghana
Mobreed PhD Program

July 25th –August 18th 2016 : **Field Assistant** in ethnobotanical study on *Cleome gynandra* in six socio-ethnic groups of Benin

Project: Utilizing the genome of the vegetable species *Cleome gynandra* for the development of improved cultivars for the West and East African markets.

2014-2016 : Assistant to coordination of the Project “Improving the production and quality of watermelon (*Citrullus lanatus*) in Benin”(CITRULLUS)” financing by West Africa Agricultural Productivity Programme (PPAAO/WAAPP).

July 2012 - present : **Research assistant**, Laboratory of Genetics, Horticulture and Seed Sciences, Faculty of Agronomic Sciences, University of Abomey Calavi, Benin

2013 - present : Junior translator at New Alliance Trust

2012-2014 : Field Assistant, Cowpea and Groundnut Seed multiplication in Allada and Djidja Municipalities of Benin.

“Project Sustainable Intensification of Integrated Crop Small Ruminant Production Systems in West Africa (SIIC-SR)”.

January 21- 23th 2013: Participant to the Annual workshop of the project Sustainable Intensification of Integrated Crop Small Ruminant Production Systems in West Africa (SIIC-SR)”, Cotonou, Benin

July 5th 2013-April 31th 2014 : Volunteer at Abomey-Calavi University, first Contingence

RECENT MEETINGS AND CONFERENCES

September 7th 2018: Panelist. Towards inclusive value chain development, IDEV 2018, AfDB Headquarters - Cote d’Ivoire

September, 25-28th, 2018 : Scale Up Conference, ‘Innovations in Agriculture : Scalling up to reach millions’. Purdue University, Indiana State, USA

FELLOWSHIPS, PRIZES AND GRANTS

2018 Intra Africa Mobility PhD Scholarship (Mobility for plant genomics scholars to accelerate climate-smart adaptation options and food security in Africa (GENES)), Ebonyi State University (Nigeria).

April 2018 First Prize of Agripitch competition. Pitching competition organized by African Development Bank, Cote d’Ivoire 9 - 13th. (SEED SERVICES STARTUP)

PUBLICATIONS

Peer-review articles

- ▶ Tchokponhoué D.A., Achigan-Dako E.G., N’Danikou S., Houdegbe C.A., **Agossou C.A.O.**, Assogba-Komlan F., Vodouhè R.S. 2018. Regeneration ability and Seedling growth in the miracle plant *Synsepalum dulcificum* (Schumach. & Thonn.) Daniell. Fruits 73 (1) 13-21
- ▶ N’Danikou S., Achigan-Dako E.G., Tchokponhoué D.A., **Agossou C.A.O.**, Houdegbe C.A., Vodouhe R.S. and Ahanchede A. 2015. Modelling socioeconomic determinants for cultivation and in-situ conservation of *Vitex doniana* Sweet (Black plum), a wild harvested economic plant in Benin. Journal of Ethnobiology and Ethnomedicine 11(1):28
- ▶ N’Danikou S., Tchokponhoué D.A., Houdegbe C.A., **Agossou C.A.O.**, Achigan-Dako E.G. Vodouhè R.S. and Ahanchede Managed woodlot revealed a tradeoff between edible leaves and timber production in *Vitex doniana* Sweet (Lamiaceae), a wild-harvested economic plant in Benin [Submitted].
- ▶ **Agossou C.A.O.**, Achigan-Dako E.G., Sikirou M., Fassinou H. V. N., Adjonhoun A., Igue M.A. Agronomic And Participatory Evaluation Of Nine

Watermelon Cultivars On three Locations On Eutric Acrisol And Eutric Gleysol In Southern Benin. Field Crop Research [Submitted].

Other publications and communication

- ▶ **Chaldia Agossou**, Lys Amavi Aglinglo, Carlos Houdégbé, Dèdéou Tchokponhoué. Production and marketing of horticultural seeds and seedlings of African indigenous vegetables and fruits in Benin. Poster display at Purdue conference, September 2018 ; Indiana State
- ▶ **Chaldia O. Agossou**, Eric C. Legba, Lys A. Aglinglo, Rachidi Francisco, Nicodème V. Fassinou Hotègni, Enoch G. Achigan-Dako. Fiche Technique Synthétique pour la Production du Niébé *Vigna unguiculata*, (L) Walp. ISBN 978-99919-78-53-6. Depot légal N° 10673 du 06/09/18 Bibliothèque Nationale du Benin, 3eme trimestre.
- ▶ Lys A. Aglinglo, Christel F. Azon, Eric C. Legba, **Chaldia O. Agossou**, Rachidi Francisco, Nicodème V. Fassinou Hotègni, Enoch G. Achigan-Dako. Fiche Technique synthétique pour la production de la pastèque (*Citrullus lanatus* Thunb.). ISBN 978-99919-76-81-5, Dépôt légal N° 10479 du 06/07/18. Bibliothèque nationale du Bénin, 3^{ième} trimestre

REFERENCES

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