

CURRICULUM VITAE

Adandé Belarmain FANDOHAN

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Personal data

Name on most my scientific papers: Belarmain Fandohan / Adandé Belarmain Fandohan

Full Name: Adandé Belarmain FANDOHAN

Date and place of birth: 26/04/1982, Houègbo, Republic of Benin

Gender: Male

Country of citizenship: Republic of Benin

Working languages: French, English

Education

- 2016: Visiting Scientist in Ecosystem Based Adaptation to Climate Change; UNEP-IEMP and Chinese Academy of Sciences. Host: **Dr Jian Liu**.

- 2014 – 2015: Post-Doctoral Research Fellow in Plant Ecology and Species Distribution Modeling; University Abert-Ludwigs of Freiburg. Post-Doc Advisor: **Prof Dr Carsten F. Dormann**.

- 2012 – 2013: Post-Doctoral Research Fellow in Dry Land Ecosystems Management; UNEP-IEMP and Chinese Academy of Sciences. Post-Doc Advisor: **Dr Jian Liu**.

- 2008 – 2011: Doctor of Philosophy (Ph.D.) in Natural Resources Management (The Greatest Distinction with Congratulations); *Université d'Abomey Calavi*, Benin; Dissertation Advisor: **Prof Dr Brice Sinsin**.

- 2007: DEA degree (M.Sc.), Natural Resources Management, *Université d'Abomey Calavi*, Benin; Supervisor: **Prof Dr Brice Sinsin**.

- 2001 – 2006: Engineer degree (Ir.), Natural Resources Management, *Université d'Abomey Calavi*, Benin; Supervisor: **Prof Dr Brice Sinsin**.

- 2001 – 2005: General Agronomy degree, *Université d' Abomey Calavi*.

Current position

- Associate of Forestry, *Ecole de Foresterie Tropicale, Université Nationale d'Agriculture; République du Bénin*

Research interests

My scientific niche breadth covers cross-cutting issues combining Biogeography, Conservation, and Ethno-ecology of prominent plants that can potentially be used to improve rural communities' livelihoods.

Scientific publications

From 2008 to present my scientific activities have yielded thirty eight (38) scientific publications in peer-reviewed journals with ISI web of science impact factor in the Thomson Reuters Journal Citation Reports, fifteen (15) publications in peer-reviewed international journals without impact factor, three (03) dissertation reports (Engineer, M.Sc. and Ph.D. degrees), and three chapters in books/ proceedings.

Honour

- 2017: African Academy of Sciences Young Affiliate.
- 2013: Award for Best research paper in Ecology 2011-2012 edition; The Support Africa International Foundation, Germany.

- 2012: African-German Network of Excellence in Science - Award for Junior Researchers.

International research grants and awards

- 2016: Return Fellowship of the Alexander von Humboldt Foundation, (**Principal Investigator**)
- 2016: Equipment Subsidy Grant of the Alexander von Humboldt Foundation, (**Principal Investigator**)
- 2015: Idea Wild Equipment donation Grant, (**Principal Investigator**)
- 2014: The Alexander von Humboldt Foundation - Georg Forster (HERMES) Research Fellowship for Postdoctoral Researchers, (**Principal Investigator**)
- 2013: International Foundation for Science (IFS), Sweden, Grant D/5464-1, (**Principal Investigator**)
- 2012: National Natural Science Foundation of China (NSFC) – Research Fellowship for Distinguish International Young Scientists, (**Principal Investigator**)
- 2012: Chinese Academy of Sciences - Postdoctoral Fellowship for Distinguish International Young Scientists, (**Principal Investigator**)
- 2012: CODESRIA Grant for National Working Group Project NWG/01/2013, (**Co-Applicant**)
- 2010: BIARI Alumni Research Initiative Small Grant, (**Principal Investigator**)

Recent Professional development

- 2017: Systematic review in forest science. International Union of Forest Research Organizations (IUFRO), Pietermaritzburg, South Africa 15-17 July 2017 (Certificate).

Membership in professional societies

- Society for Ecological Restoration (Since 2016)
- Ecosystem based Adaptation for food security in Africa Assembly (Since 2015)
- African Forests Forum (Since 2014)
- International Union of Forest Research Organizations (member since de 2009).
- IUCN SSC Crop Wild Relative Specialist Group (member since 2008).

Recent important publications

1. Lawin IF, **Fandohan AB**, Salako KV, Assogbadjo AE, Ouinsavi CAIN (2021) Morphological variability of fruits of *Cola millenii* K. Schum. from seven phytogeographical districts in Benin: opportunity for domestication. *Genetic Resources and Crop Evolution* 68: 1225–1242 **Impact Factor 2019: 1.071**
2. Favi GA, Dassou GH, Adomou AC, **Fandohan AB**, Sogbohossou EOD, Yedomonhan H, Tossou MG, Akoègninou A. (2020) *Cochlospermum planchonii* Hook.f. exPlanch. and *Cochlospermum tinctorium* Perrier ex A. Rich.: extent of knowledge and prospects for sustainable use in West Africa. *Genetic Resources and Crop Evolution* 68: 25–44 **Impact Factor 2019: 1.071**
3. Steidinger BS, Crowther TW, Lian J, Van Nuland ME, Werner GDA, Reich PB, Nabuurs GJ, de-Miguel S,....., **Fandohan AB**, et al. (2019) Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. *Nature* 569: 404–408 DOI: 10.1038/s41586-019-1128-0. **Impact Factor 2018: 43**
4. Lawin IF, Houèchégnon T, **Fandohan AB**, Salako VK, Assogbadjo AE, Ouinsavi CA. (2019) Connaissances et usages de *Cola millenii* K. Schum. (Malvaceae) en zones guinéenne et soudano-guinéenne au Bénin. *Bois et Forêts des Tropiques* 339(1) : 61-74. **Impact Factor 2018: 0.245**
5. Assogba GA, **Fandohan AB**, Gandji K, Salako KV, Assogbadjo AE (2018) *Bombax costatum* (Malvaceae): state of knowns, unknowns and prospects in West Africa. *Biotechnologie Agronomie, Société et Environnement* 22(4): 22(4): 267-275. **Impact Factor 2017: 0.7**
6. Gandji K, Salako KV, **Fandohan AB**, Assogbadjo AE, Glèle Kakai RL (2018) Factors Determining the Use and Cultivation of *Moringa oleifera* Lam. in the Republic of Benin. *Economic Botany* 72 (3): 332–345. **Impact Factor 2017: 1.5**

7. Oduor AMO, Long H, **Fandohan AB**, Liu J, Yu X (2018) An invasive plant provides refuge to native plant species in an intensely grazed ecosystem. *Biological Invasions* 20: 2745-2751 <https://doi.org/10.1007/s10530-018-1757-5>. **Impact Factor 2017: 2.473.**
8. Guidigan MLG, Azihou F, Idohou R, Okhimanhe AA, **Fandohan AB**, Sinsin B. and Adet L. (2018). Modelling the current and future distribution of *Kigelia africana* under climate change in Benin, West Africa. *Modeling Earth Systems and Environment* 4: 1225 – 1238.
9. Slik JWF, Franklin J, Arroyo-Rodríguez V, Field R, Aguilar S, Aguirre N, Ahumada J,, **Fandohan AB**, et al. (2018) Phylogenetic classification of the world's tropical forests. *Proceedings of the National Academy of Sciences of the United State of America* <https://doi.org/10.1073/pnas.1714977115> . **Impact Factor 2016: 9.661.**
10. **Fandohan AB**, Chadaré FJ, Gouwakinnou NG, Tovissodé CF, Bonou A, Djonlonkou SFB, Houndelo LFH, Sinsin CLB, Assogbadjo AE (2017). Usages traditionnels et valeur économique de *Synsepalum dulcificum* au Sud-Bénin. *Bois et Forêts des Tropiques* 332(2): 17-30. **Impact Factor 2016: 0.321.**
11. Ahossou OD, **Fandohan B**, Stiers I, Schmidt M, Assogbadjo AE (2017) Extraction of Timber and Non-Timber Products from the Swamp Forest of Lokoli (Benin): Use Patterns, Harvesting Impacts and Management Options. *International Forestry Review* 19(2):133-144. **Impact Factor 2016: 1.308.**
12. **Fandohan AB**, Azihou AF, Assogbadjo AE, Fonton HN, van Damme P, Sinsin AB (2017) Environment-driven spatial pattern of tamarind trees in riparian forests. *Journal of Agriculture and Environment for International Development* 111 (1): 23-37.
13. Gbedomon RC, Assogbadjo AE, Salako VK, **Fandohan AB**, Glèlè Kakai R (2016) Exploring the spatial configurations of home gardens in Benin. *Scientia Horticulturae* 213: 13–23. **Impact Factor 2015: 1.538.**
14. Sèwadé C, Azihou AF, **Fandohan AB**, Houéhanou TD, Houinato M (2016) Diversité, priorité pastorale et de conservation des ligneux fourragers des terres de parcours en zone soudano-guinéenne du Bénin. *Biotechnologie, Agronomie, Société et Environnement* 20(2) <http://popups.ulg.ac.be/1780-4507/index.php?id=12823>. **Impact Factor 2015:0.457.**
15. Gbedomon CR, Floquet A, Mongbo R, Salako KV, **Fandohan AB**, Assogbadjo A, Glele Kakai R (2016) Socio-economic and ecological outcomes of community based forest management: A case study from Tobé-Kpobidon forest in Benin, Western Africa. *Forest Policy and Economics* 64: 46–55. **Impact Factor 2015: 2.00.**
16. **Fandohan AB**, Gouwakinnou NG, Deleke Koko KIE, Glele Kakai R, Assogbadjo AE (2015) Domesticating and conserving indigenous trees species: an ecosystem Based approach for adaptation to climate change in sub-Sahara Africa. *Revue CAMES* 03(01):55-60.
17. Yaoitcha AS, Houéhanou TD, **Fandohan AB**, Houinato MRB (2015) Prioritization of useful medicinal tree species for conservation in Wari-Marou Forest Reserve in Benin: A multivariate analysis approach. *Forest Policy and Economics* 61 (2015): 135–146. **Impact Factor 2015: 1.856.**
18. Djègo-Djossou S, Koné I, **Fandohan AB**, Djègo JG, Huynen MC, Sinsin B (2015) Habitat Use by White-thighed Colobus in the Kikélé Sacred Forest: Activity Budget, Feeding Ecology and Selection of Sleeping Trees. *Primate Conservation* (29):97-105.
19. Gbedomon RC, **Fandohan AB**, Salako VK, Idohou AFR, Glèlè Kakai R, Assogbadjo AE (2015) Factors affecting home gardens ownership, diversity and structure: a case study from Benin. *Journal of Ethnobiology and Ethnomedicine* 11:56 DOI 10.1186/s13002-015-0041-3. **Impact Factor 2015: 2.00.**
20. **Fandohan AB**, Oduor AMO, Sode AI, Wu L, Cuni-Sanchez A, Assede E, Gouwakinnou GN (2015) Modeling vulnerability of protected areas to invasion by *Chromolaena odorata* under current and future climates. *Ecosystem Health and Sustainability* 1(6):20. <http://dx.doi.org/10.1890/EHS15-0003.1>