

PLEASE FIND THE CV FORMAT BELOW

**Curriculum vitae**

1. **Family name: Chibeba**
2. **First names:**  Amaral Machaculeha
3. **Nationality: Mozambican**
4. **Country of Residence: Mozambique**
5. **Contact details:** +258 84 734 7193 or +258 82 610 0310
6. **Education:**

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| **Institution****[ Date from - Date to ]** | **Qualification obtained:** |
| Eduardo Mondlane University, Maputo, Mozambique[1990 – 1997] | BSc in Agronomy |
| Charles Darwin University, Darwin, Australia[2002 – 2004] | MSc in Environmental Management |
| Universidade Estadual de Londrina, Londrina, Brazil[2012 – 2016] | PhD in Agronomy |

1. **Language skills:** (1 - excellent; 5 - basic)

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| **Language** | **Reading** | **Speaking** | **Writing** |
| English | 1 | 1 | 1 |
| Portuguese | 1 | 1 | 1 |
| Spanish | 3 | 4 | 5 |

1. **Membership** **of professional bodies:**

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| Research National Fund – Reviewer  |

1. **Specialisation** (e.g. Agronomy, soil fertility, agricultural economics, veterinary science etc.)

Agronomy, Soil Microbiology

1. **Present position:**

 Postdoctoral fellow in Agronomy and Soil Microbiology

1. **Key Skills:**

 Agronomic Field Experiments: design, conduction, analyses and report writing for publication in scientific journals.

1. **Specific experience:**

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| **Country** | **Date from - Date to** |
| Mozambique | 1997 - 2002 |
| Australia | 2002 - 2004 |
| Brazil | 2012 - 2016 |

1. **Professional experience (Formal employment and Assignments/consultancies**)

| **Date from - to** | **Location** | **Organisation** | **Position** | **Description of Duties and achievements** |
| --- | --- | --- | --- | --- |
| 1997 - 2002 | Zambézia | World Vision | Cashew Agronomist | * Powdery mildium disease (PMD) control trials and demonstrations established
* 105,351 cashew trees sprayed against (PMD)
* 50,943 seedlings planted
 |
| 2004 - 2006 | Nampula | Kulima-Nakosso-OlipaConsortium | Project Director | * 335,459 cashew trees sprayed against PMD
* 123,410 improved cashew seedlings
 |
| 2006 - 2009 | Nampula | IITA | Project Director | * 15 hectares of improved cassava varieties stablished
* Adoption of improved cassava varieties study conducted
* On-farm demonstration trials established
 |
| 2017 –2029 | Nampula | IITA | Postdoctoral Fellow in Agronomy and Soil Microbiology | * Greenhouse and field experiments with indigenous rhizobia conducted on soybean
* 5 articles published in Thomson Indexed journals
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1. Publications

Chibeba, A.M., Pereira, C.S., Antunes, J.E.L., Ribeiro, R.A., Lopes, A.C.A., Gomes, R.L.F., Hungria, M., Araujo, A.S.F. (2020). Polyphasic characterization of nitrogen-fixing and co-resident bacteria in nodules of *Phaseolus lunatus* inoculated with soils from Piauí State, Northeast Brazil*.* ***Symbiosis***, DOI: 10.1007/s13199-020-00672-1.

Scherer, A.J., Delamuta, J.R.M., Ribeiro, R.A., Chibeba, A.M., Kyei-Boahen, S., Nogueira, M.A. Hungria, M. (2019). Draft genome sequence of *Agrobacterium deltaense* strain CNPSo 3391, isolated from a soybean nodule in Mozambique. ***Microbiology Resource Announcements***8 (10): 1–2. DOI: 10.1128/MRA.01675-18.

Chibeba, A.M., Kyei-Boahen, S., Guimarães, M. de F., Nogueira, M.A. Hungria, M (2018). Inoculation and co-inoculation of soybean with *Bradyrhizobium* and *Azospirillum* in Mozambique.VIII Congresso Brasileiro de Soja: *Inovação, tecnologias digitais e sustentabilidade da soja* pp 863–865. In Oliveira Junior, A., Leite, V. B. C. and Cattelan, A. J. (ed). Goiânia, 11 – 14 June, 2018. ISBN: 978-85-7035-808-0.

Chibeba, A.M., Kyei-Boahen, S., de Fátima Guimarães, M., Nogueira, M.A., Hungria, M. (2018). Feasibility of transference of inoculation-related technologies: A case study of evaluation of soybean rhizobial strains under the agro-climatic conditions of Brazil and Mozambique. ***Agriculture, Ecosystems & Environment*** 261, 230–240.

Costa, M.R., Chibeba, A.M., Mercante, F.M., Hungria, M. (2018). Polyphasic characterization of rhizobia microsymbionts of common bean [*Phaseolus vulgaris* (L.)] isolated in Mato Grosso do Sul, a hotspot of Brazilian biodiversity. ***Symbiosis***.

Chibeba, A.M., Kyei-Boahen, S., Guimarães, M. de F., Nogueira, M.A. Hungria, M. (2017). Isolation, characterization and selection of indigenous *Bradyrhizobium* strains with outstanding symbiotic performance to increase soybean yields in Mozambique. ***Agriculture, Ecosystems & Environment***, 246**:** 291–305. DOI: 10.1016/j.agee.2017.06.017.

Chibeba, A.M., Kyei-Boahen, S., Guimarães, M. de F., Nogueira, M.A., Hungria, M. New approaches for a sustainable agriculture in Africa: Characterizing and selecting bradyrhizobia for high-yielding soybean [Glycine max (L.) Merrill] in Mozambique. Conference Paper presented at the African Association for Biological Nitrogen Fixation, Gaborone 17 – 21 October 2016.

Chibeba, A.M. (2016). Characterization of rhizobia isolated from soybean in Mozambique and strategies to maximize the contribution of biological nitrogen fixation. PhD Thesis in Agronomy, State University of Londrina, Londrina (Brazil).

Chibeba, A.M., Guimarães, M. de F., Brito, O.R., Nogueira, M.A., Araujo, R.S. Hungria, M. (2015). Co-Inoculation of soybean with Bradyrhizobium and Azospirillum promotes early nodulation. **American Journal of Plant Sciences,** 6, 1641-1649. DOI: 10.4236/ajps.2015.610164.

Chibeba, A.M., Oliveira, J.C., Guimarães, M. F., Figueiredo, A., Ralisch, R., Tavares Filho, J. Physical attributes of a Latosol grown with soybean in three crop successions in winter. Paper presented at the Brazilian Congress of Soil Science, Natal 02 - 07 August 2015.

Chibeba, A.M. (2003). Nesting ecology of the Australian freshwater crocodile, Crocodylus johnstoni, on the McKinlay River: Setting a baseline for assessing the potential impact of the exotic cane toad, Bufo marinus. M.Sc. Thesis in Environmental Management, Charles Darwin University, Darwin (Australia).

Cuambe, C.E., Chibeba, A.M. Zacarias - Silva, A.M., Mutaca, A.G., Amisse, J.J.G., Avijala, M.F., Ferreira, F.R.R., Chitio, F.M., Manjonda, R.V. (2009) Manual de Maneio Integrado de Pragas e Doenças da Mandioca. Instituto de Investigação Agrária de Moçambique e International Institute of Tropical Agriculture, pp. 25.

1. **Professional Referees**

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| --- | --- |
| Name | Dr. Mariangela Hungria |
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| --- | --- |
| Name | Dr. Marco Antonio Nogueira |
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| Nome | Dr. Stephen Boahen |
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