

CURRICULUM VITAE

Analyst, specialist of agricultural and resource economics

Surname: DIAKITE

First Name: ZAKARY

Middle Name: RODRIGUE

Birth Date: 12/03/1985 in Man (Côte d'Ivoire)

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Ph.D. Thesis: <http://www.theses.fr/2018CLFAC055>

Are any of your family members (spouse/partner, father/mother, Brother/sister, Son/daughter, etc.) employed in the African Development Bank?			If «Yes», the following data must be provided
Name	Relationship	Organization Unit	Place of Assignment
None	None	None	None

Language Level	Read	Written	Spoken
French	Excellent	Excellent	Excellent
English	Good	Good	Good
Spanish	Fair	Fair	Fair
Malinké	mother tongue	mother tongue	mother tongue

Key Qualification

Agro-industrial engineer, I have a specialization in economics and a Ph.D in Agronomy and Environmental Economics. I have been working for almost 5 years on economic research related to energy, food and agricultural sectors. Added to my working experience in multi-cultural environments, I have strong technical, scientific and management skills.

EDUCATION

Name of University-City- Country	Périod		Diploma	Main Topic/Major
	From	To		
UCA-Clermont-Ferrand- France	2015	2018	Ph.D	Agronomy & Environmental Economics
AgroParisTech - Paris- France	2014	2015	Master 2	Environmental & Resource Economics
AgroParisTech - Paris- France	2013	2014	Master 1	Mathematics, Modeling, Economics
INP HB- Yamoussoukro - Côte d'Ivoire	2006	2011	Engineering	Transformation and Agricultural sciences

EMPLOYMENT RECORD:

Since 01/2019:

Name of the Employer: Self-employment (SIREN: 851 488 304)

Place of Employment: Clermont-Ferrand (France)

Type of Activity/Business of the Employer: Studies and training office

Title / Function: Expert in Environmental & Resource Economics

Description of main accomplishments and responsibilities

Expertises:

- Risk Management, feasibility study of production project (agricultural & industrial)
- Economic and environmental Assessment
- Life-Cycle Assessment "LCA" analysis
- Monitoring, assessment and management of systems (agricultural, industrial, energy) in sustainable development perspectives
- Implementation and coordination of Corporate Social Responsibility (CSR)
- Training in agricultural and environmental sciences
- Studies and operational advice related to environment, agriculture, energy production

From 05/2019 to 09/2019 (5 months):

Name of the Employer: Global Knowledge Network France SA

Place of Employment: Lyon (France)

Type of Activity/Business of the Employer: Training

Title / Function: Professional intern in Project Management & Data science

Description of main accomplishments and responsibilities

- Project Management
- PRINCE2® Training
- Agile Scrum method
- Data Engineering
- Object-Relational Database Management Systems (ORDBMS)
- SQL (Structured Query Language)

From 11/2015 to 12/2018 (3 years):

Name of the Employer: UMR H (French National Institute for Agricultural Research, VetAgro Sup)

Place of Employment: Clermont-Ferrand (France)

Type of Activity/Business of the Employer: Research

Title / Function: Research Assistant in Agricultural & Environmental Economics

Description of main accomplishments and responsibilities

- Agricultural systems modelling, assessment and performances study (biotechnical, environmental and economic performances)
- Exploratory investigations, data collection and virtual representation of mixed cattle systems
- Choice, adaptation of a bioeconomic optimization model (Orfee) & virtual experiments to explore farms
- Environmental sustainability management, agricultural and rural development

- Economic of development and risk assessment in agricultural field
- Research project management.
- Definition of sustainable farming systems using the adapted model
- Tropical agronomic sciences teaching at VetAgro-Sup Clermont-Ferrand
- Proposal of sustainable management methods of mixed cattle systems through Scientific articles

From 04/2015 to 09/2015 (6 months):

Name of the Employer: UMR SAS French National Institute for Agricultural Research

Place of Employment: Rennes (France)

Type of Activity/Business of the Employer: Research

Title / Function: Research Engineer in Agricultural & Environmental Economics

Description of main accomplishments and responsibilities

- Dynamic modeling of dairy farms to reduce their indirect energy consumption
- Environmental and economic assessment
- Use of the Whole-Farm Model IFSM, the simulator EDEN and Lifecycle Analysis (LCA) tools.
- Proposal of viable innovation scenarios for dairy farms that minimize indirect energy consumption

From 04/2014 to 07/2014 (4 months):

Name of the Employer: ARTAIM Conseil "in MT-Energie GmbH methanisation system"

Place of Employment: Champagne-Ardenne (France)

Type of Activity/Business of the Employer: Study and engineering firm

Title / Function: Research Engineer in Environmental & Resource Economics

Description of main accomplishments and responsibilities

- Assessment of GHG emissions of Biomethane from energy crops
- Evaluation of energy and carbon balance of the methanisation model developed by ARTAIM.
- Life Cycle Analysis (LCA).
- Confirmation of the consistency of Artaim's activities on the GHG balance sheet.

From 04/2013 to 08/2013 (5 months):

Name of the Employer: SGS Côte d'Ivoire, "division SSC (Systems and Services Certification)"

Place of Employment: Abidjan (Côte d'Ivoire)

Type of Activity/Business of the Employer: Inspection, Control, Analysis and Certification

Title / Function: Junior project manager

Description of main accomplishments and responsibilities

- Research and development of solutions in Agro-industrial field in Côte d'Ivoire.
- Development and Promotion of the UTZ standard in the SSC "Systems and Services Certification" Division of SGS CI
- Training on UTZ, Iso and SMETA standards
- Audits and certifications as trainee auditor
- Certification of cocoa and coffee stakeholders (producers and exporters) in Côte d'Ivoire

From 02/2013 to 03/2013 (2 months):

Name of the Employer: BNA "Bureau Norme Audit" (specialist of GlobalGap certification)

Place of Employment: Abidjan (Côte d'Ivoire)

Type of Activity/Business of the Employer: Audits and certifications

Title / Function: Agricultural economist (consultant)

Description of main accomplishments and responsibilities

- Development of a digital support for GlobalGAP certification audits
- Automation and acceleration of assessments carried out as part of GlobalGAP certification audits in Côte d'Ivoire.

From 08/2012 to 01/2013 (6 months):

Name of the Employer: AURORE CENTER

Place of Employment: Abidjan (Côte d'Ivoire)

Type of Activity/Business of the Employer: Training

Title / Function: Agronomist (Trainer)

Description of main accomplishments and responsibilities

- Training and Qualification of 30 agents (quality controllers.) for the control of coffee and cocoa flows in Côte d'Ivoire

From 10/2011 to 03/2012 (6 months):

Name of the Employer: SCAF Company

Place of Employment: Abidjan (Côte d'Ivoire)

Type of Activity/Business of the Employer: Plywood production industry

Title / Function: Production assistant ("End-of-study project")

Description of main accomplishments and responsibilities

- Risk assessment and product quality management throughout the production chain in addition to improving wood yield, modelling, and optimization of drying veneers
- Modeling and optimization of veneer drying
- Monitoring of energy consumption in the factory
- For application of my recommendations:
 - management of 15 team leaders, with teams of 15 workers
 - Reduction of SCAF's energy consumption by 11%

ASSOCIATIONS:

- **Since 10/2015:** Member of AgroParisTech Alumni and UniAgro Federation
- **Since 01/2019:** Member of the French Association of Environmental and Resource Economists
- **Since 08/2019:** Member of the International Francophone Secretariat for Environmental Assessment « Secrétariat international francophone pour l'évaluation environnementale (SIFÉE) »

SCIENTIFIC ACHIEVEMENTS

➤ **PROJECT 1:**

- **Manuscript DOI:** <https://doi.org/10.1016/j.agtsy.2019.01.012>
- **Title:** Profit stability of mixed dairy and beef production systems of the mountain area of southern Auvergne (France) in the face of price variations: Bioeconomic simulation
- Research Paper Published in Agricultural Systems Volume 171, May 2019, Pages 126-134

➤ **PROJECT 2:**

- **Manuscript DOI:** <https://doi.org/10.1016/j.livsci.2019.09.009>
- **Title:** Biotechnical and economic performance of mixed dairy cow-suckler cattle herd systems in mountain areas: exploring the impact of herd proportions using the Orfee model
- Research Paper Published in Livestock Science, Volume 229, November 2019, Pages 105-113

➤ **PH.D. PROJECT:**

- **Manuscript DOI:** <http://www.theses.fr/2018CLFAC055>
- **Title:** Capacity of double herds breeding systems with dairy cow and suckling cattle herds to reconcile better utilization of the plot with an increased flexibility of functioning

- **Others achievements:** https://www.researchgate.net/profile/Zakary_Rodrigue_Diakite2