



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6617

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di Economia, Management e Metodi Quantitativi

Scientist- in - charge: Prof. Bastianin Andrea

[Name and surname]

**CURRICULUM VITAE**

## PERSONAL INFORMATION

Surname	Obobisa
Name	Emma Serwaa

## PRESENT OCCUPATION

Appointment	Structure
External Guest Researcher	Zeppelin University, ZF-Centre for Sustainability Research

## EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Purchasing and Supply	Takoradi Polytechnic (Now Takoradi Technical University)	2009
Specialization			
PhD	Management Science and Engineering	Jiangsu University	2019
Master	Management Science and Engineering	University of Electronic Science and Technology of China	2013
Degree of medical specialization			
Degree of European specialization			
Other			



## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

## FOREIGN LANGUAGES

Languages	level of knowledge
English	Fluent

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2015	Jiangsu University Presidential award.
2013	Best Master's Degree Thesis and Graduate Student, University of Electronic Science and Technology of China.
2011	University of Electronic Science and Technology of China award.

## TRAINING OR RESEARCH ACTIVITY

<p>I carried out the research activities briefly mentioned below during my postdoctoral studies and tenure at Jiangsu University, School of Finance and Economics, China under the supervision of Prof. Chen Haibo. I Led primary and secondary research initiatives, including context audits, surveys, interviews, literature reviews, and data analysis. I managed research projects, conducted research, performed experiments, managed databases, analyzed data, applied advanced statistical methods, supervised student research projects, published peer-reviewed scientific papers, and presented the research outcome at international and national conferences and events. Collaborated with faculty and research centers to enhance internal and external research. Prepared decisive research proposals and applications for external funding.</p> <p>Also, during my time at Jiangsu University, I had the privilege of managing a diverse range of environmental projects that spanned from remediation efforts to sustainability consulting. My role required me to seamlessly integrate complex scientific data with strategic planning to ensure project deliverables were met on time and within budget, while also maintaining compliance with environmental regulations and standards.</p> <p>Currently, I collaborate with the team at ZF-Centre for Sustainability Research at Zeppelin University to discuss research topics, conduct research and publish peer-reviewed scientific articles.</p>
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## PROJECT ACTIVITY

Year	Project
2015 - 2019	National Statistical Science Research project (No. 2014566).



2015 - 2019	Qing Lan Project of Jiangsu Province, and the members of the Outstanding Young Teacher Training Project of Jiangsu University.
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## PATENTS

Patent

## CONGRESSES AND SEMINARS

Date	Title	Place
11/2022	Urban Transition 2022	Sitges, Barcelona, Spain
10/2022	EARTH 2022, 16th International Symposium on East Asian Resources Recycling Technology, Magic School of Green Technologies.	Tainan City, Taiwan
02/2020	International Conference on Corporate Finance and Investments Curriculum World Academy of Science, Engineering and Technology.	Melbourne, Australia
10/2020	National Post-Doctoral Academic Forum of Intelligent Agricultural and Technological Innovation.	Jiangsu University, Zhenjiang, China
03/2019	3rd International Conference on Ecology, Ecosystem and Conservation Biology.	Chicago, USA

## PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
Achieving carbon neutrality goal in European countries: The role of green technology innovation, renewable energy, and financial development, Netherlands, Environment, Development and Sustainability, 2024.
An econometric study of eco-innovation, clean energy, and trade openness toward carbon neutrality and sustainable development in OECD countries, England, Sustainable Development, 2023.
Striving towards 2050 net zero CO2 emissions: How critical are clean energy and financial sectors?, Netherlands, Heliyon, 2023.
Has the establishment of green finance reform and innovation pilot zones improved air quality? Evidence from China, United Kingdom, Humanities and Social Sciences Communications, 2023.
The impact of green technological innovation and institutional quality on CO2 emissions in African



countries, USA, Technological Forecasting and Social Change, 2022.
Achieving 1.5°C and net-zero emissions target: The role of renewable energy and financial development, England, Renewable Energy, 2022.
Transitions to sustainable development: the role of green innovation and institutional quality, Netherlands, Environment, Development and Sustainability, 2022.
Environmental pollution of China to foreign investors: detrimental or beneficial, Germany, Environmental Science and Pollution Research, 2021.
The causal relationship between China-Africa trade, China OFDI and economic growth of African countries, USA, SAGE Open, 2021.
Potential economic indicators and environmental quality in African economies: new insight from Cross Sectional-Autoregressive Distributed Lag approach, Germany, Environmental Science and Pollution Research, 2021.
The impact of foreign direct investment on sustainable development in China, Germany, Environmental Science and Pollution Research, 2020.

Congress proceedings
An econometric study of the impact of foreign direct investment and energy consumption on the environment of China, 3rd International Conference on Ecology, Ecosystem and Conservation Biology, Journal of Ecosystem & Ecography, USA, 2019
[title, structure, place, year]
[title, structure, place, year]

OTHER INFORMATION

Stimulating the adoption of green technology innovation, clean energy resources, green finance, and environmental taxes: The way to achieve net zero CO2 emissions in Europe?, USA, Technological Forecasting and Social Change, Accepted for publication, 2024.
Accelerating the transition to carbon neutrality: Do green technology innovation, renewable energy, and environmental-related tax matter? Netherlands, Environment, Development and Sustainability Revised, Under review, 2023.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

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Place and date: Accra, 28/05/2024