

Emmanuel Kesse Asante

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Education

Aug 2023 – Jun 2028 (Expected)

Louisiana State University, Baton Rouge, USA

PhD Student in Oceanography and Coastal Sciences (Physical & Chemical)

GPA: 3.80 / 4.0

Dissertation: *Assessing the Impact of Climate Interventions on Global Mangrove Distribution and Areal Extent Change*

Sep 2017 – Sep 2021

University of Ghana, Legon, Ghana

B.Sc. in Marine Science

FGPA: 3.56 / 4.0

Undergraduate Thesis: *Salinization of Groundwater Wells in Coastal Ghana*

Professional Experience

Aug 2023 – Present

Louisiana State University, Oceanography and Coastal Sciences Department

Graduate Research Assistant; Advised by Dr. Cheryl Harrison

Project 2: Potential Impact of Solar Radiation Modification on Global Mangrove Ecosystems' Extent, Distribution, and Biomass

Project 1: Impact of Solar Radiation Modification on Sea Level Change

Aug 2022 – May 2022

Wildlife & Human Resources Organisation (WHRO), Ghana

Field Assistant

Project 1: Shore birds Monitoring and Turtle Nesting Assessment in Western Region, Ghana

Project 2: Mangrove Restoration Sensitization in Local Communities in the Volta Region, Ghana

Teaching Experience

Jan 2023 – Present

Louisiana State University, Oceanography and Coastal Sciences Department

Teaching Assistant

Course: Gulf of Mexico

Instructor: Dr. Cheryl Harrison

Oct 2021 – Aug 2022

University of Ghana, Department of Marine and Fisheries Sciences

Teaching Assistant

Instructors: Dr. Andrews Agyekumhene, Dr. Samuel Addo, Prof. Kofi Nunoo, Dr. Eunice Asamoah

Skills

Skills (continued)

Computer Languages	Python, R, GIS
Tools	DJI Drones for Coastal Shoreline Monitoring

Honors and Awards

Professor Eric Ago Kwei's Prize	
For the Best Graduating Student in Marine and Fisheries Sciences (2020/2021)	

Professional Development

	Jun 2024
NCAR Community Earth System Model Workshop, Boulder, Colorado	
Poster Presentation: <i>Sea Level Rise Under Climate Intervention, Implications for Coastal Communities and Low-Lying Islands</i>	
	Apr 2024
NCAR Community Climate Intervention Strategies Workshop, Tempe, Arizona	
Engaging Scientists and Policy Makers in Co-creating Useful and Usable Climate Intervention Simulations	
	Feb 2024
AGU Ocean Sciences Meeting, New Orleans, Louisiana	
Poster Presentation: <i>Assessing the Potential Vulnerability of Mangrove Forests under Climate Intervention</i>	

Volunteer Services

	Jun 2024
Fieldwork with the Wetland Biogeochemistry Lab, Louisiana State University	
Project: Wax Delta Lake, Louisiana, USA	
	Apr 2024
Judge at CES Undergraduate Research Symposium, Louisiana State University	
Category: Energy, Coast, & Environment	
	Dec 2023
Fieldwork with the Wetland Plant Ecology Lab, Louisiana State University	
Project: Salt Marsh and Mangrove Ecology in Port Fourchon, Louisiana, USA	

References

Dr. Cheryl Harrison	
Assistant Professor, Department of Oceanography & Coastal Sciences	
Louisiana State University	
cherylharrison@lsu.edu	
Dr. Samuel Addo	
Senior Lecturer, Department of Marine and Fisheries Sciences	
University of Ghana	

References (continued)

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Dr. Andrews Agyekumhene
Lecturer, University of Ghana & Executive Director, WHRO
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