

<b>Profile</b>	<b>Sector Expert Water and Wastewater – Project Manager</b>
<b>Experience</b>	5 years
<b>Name</b>	Christ Herbert KOFFI
<b>Date and place of birth</b>	25/03/1991
<b>Nationality/Country of residence</b>	Ivorian / Ivory Coast
<b>Contacts</b>	Email: <a href="mailto:c.koffi@abidjan.ahk.de">c.koffi@abidjan.ahk.de</a> <a href="mailto:christherbert.koffi@gmail.com">christherbert.koffi@gmail.com</a> Phone: 00225 0767615779 / 00225 0757696687

**1. Education:**

Pan African University Institute of Water and Energy Sciences, including Climate Change (PAUWES), Tlemcen, Algeria 2020 – 2021 <b>In Partnership with GIZ</b>	Master's in water sciences, Water Policy Option (BAC+5).
Research and Application Center for Remote Sensing (CURAT), Felix Houphouët Boigny University, Cocody, Abidjan 2018 – 2019	Masters in Geographic Information Systems (GIS) and Remote Sensing (BAC+5).
Institute of Tropical Geography, Felix Houphouët Boigny University, Cocody, Abidjan 2012 –2015	Bachelor's Degree of Geography (BAC+3)

**2. Countries where I have worked**

Ivory Coast	-
Algeria	2020-2021

**3. Languages**

	Written	Oral	Listening
French		Native	
English	Fluent	Fluent	Fluent

**4. Software**

QGIS; ArcGIS PRO; ENVI; ERDAS	Advanced
Google Earth Engine	Basic
Microsoft Word, Excel, PPT, Teams	Advanced
EPANET / WATER GEMS	Basic

**5. Certificates / Training**

Training	Institute
Certificate in Management, monitoring and evaluation of development projects (December 2022)	BIFA INSTITUTE
Python Coding Certificate Level 1 (July 2021)	UNIVERSITY OF MICHIGAN
Certificate in Water Management and Policy (February 2021)	UNIVERSITY OF GENEVA
Certificate of Mapping and Monitoring Lakes and Reservoirs with Satellite Observations (October - November 2020)	NASA'S APPLIED REMOTE SENSING TRAINING PROGRAM.

## 6. Competencies

ENGINEERING	PROJECTS MANAGEMENT	TENDERS
<ul style="list-style-type: none"> <li>• Spatial data collection and analysis</li> <li>• Thematic Maps production</li> <li>• Designing and structuring geospatial databases</li> <li>• Field surveys</li> <li>• Trainings</li> <li>• Hydrological engineering (rainfall analysis, hydrological regime of the watershed, watershed delineation, flow rates, and flow directions)</li> <li>• Hydraulic engineering (hydraulic infrastructure, identification of flood-prone areas)</li> </ul>	<ul style="list-style-type: none"> <li>• Project monitoring</li> <li>• Financial management of projects</li> <li>• Project risk analysis</li> <li>• Project schedule control and monitoring</li> <li>• Drafting of project or mission reports</li> <li>• Evaluation of project performance</li> <li>• ISO 14001 standard implementation</li> </ul>	<ul style="list-style-type: none"> <li>• Market research and analysis</li> <li>• Networking / Partnership development</li> <li>• Competition assessment</li> <li>• Development of proposals/bids (EOI/RFP)</li> <li>• Sourcing of partners and experts</li> <li>• Formatting of expert CVs</li> </ul>

## 7. Professional Experience

Since May 2025	Sector Expert Water and Wastewater, Project Manager – <b>AHK Abidjan</b>
October 2022- May 2025	Project Manager - WASH, Environment and GIS Engineer at <b>BPL PROJECT EXPERTS</b>
August 2021 - September 2022	Junior Consultant - Water and GIS Projects Manager at Water and Forest Resources Department ( <b>DGRE / Ministry of Water and Forest of Côte d'Ivoire</b> )
March 2022 - July 2022	GIS engineer - Spatial data Analyst at <b>National Institute of Statistics (INS)</b> .
June 2021- August 2021	Water and GIS Engineer Intern – <b>Société de l'Eau de Oran (SEOR, Oran, Algeria)</b>

## 8. Projects completed

TASKS	PROJECTS DETAILS
<ul style="list-style-type: none"> <li>- Mapping study areas.</li> <li>- Satellite imagery analysis.</li> <li>- Data collection on socioeconomic infrastructure.</li> <li>- Land use mapping and geospatial analysis.</li> <li>- Designing and structuring geospatial databases.</li> <li>- Hydrological modeling and simulation.</li> </ul>	<p><b>Name of the Mission:</b> Preliminary Design Study (PDS) for the Bus Rapid Transit (BRT) Line along the Zoo Road</p> <p><b>Period :</b> October 2024 – on going</p> <p><b>Location:</b> Abidjan, Côte d'Ivoire</p> <p><b>Funding :</b> SWEDFUND</p> <p><b>Position :</b> Water / GIS Engineer, Project Manager</p> <p><b>Employer :</b> BPL</p>
<ul style="list-style-type: none"> <li>- Field visits and data collection.</li> <li>- Identification and mapping of impacted properties using precision GPS.</li> <li>- Preparation of cadastral parceling and impact assessments.</li> <li>- Database management and spatial data visualization.</li> <li>- Preparation of reports and compensation matrix.</li> </ul>	<p><b>Name of the Mission:</b> Resettlement Action Plan for construction of a landfill and recycling center (Sikensi, Dabou and Bassam)</p> <p><b>Period:</b> March 2024 – July 2024</p> <p><b>Location:</b> Ivory Coast</p> <p><b>Funding:</b> AFD</p> <p><b>Position:</b> GIS Engineer</p> <p><b>Employer:</b> BPL</p>

TASKS	PROJECTS DETAILS
<ul style="list-style-type: none"> <li>- Conducting field visits for data collection.</li> <li>- Spatial delimitation of project impact areas.</li> <li>- Mapping and inventory of impacted properties using precision GPS.</li> <li>- Preparation of cadastral mapping and urban diagnostics.</li> <li>- Risk zone mapping and hydrological modeling.</li> <li>- Designing and estimating networks for water supply, wastewater, and drainage.</li> <li>- Drafting technical study reports and cost assessments.</li> </ul>	<p><b>Name of the Mission :</b> Technical Assistance for the preparation and implementation of a Pilot urban Renewal project in two BRT areas of Yopougon and Adjamé.</p> <p><b>Period :</b> Janvier 2024 mai 2024</p> <p><b>Location :</b> Côte d'Ivoire</p> <p><b>Funding:</b> AFD</p> <p><b>Position :</b> Water / GIS Engineer</p> <p><b>Employer :</b> BPL</p>
<ul style="list-style-type: none"> <li>- Field visits</li> <li>- Data collection and analysis</li> <li>- Spatial delimitation of the project area</li> <li>- Inventory and mapping of impacted properties using high resolution GPS</li> <li>- Preparation of cadastral mapping</li> <li>- Structuring and management of geospatial data for urban diagnostics</li> <li>- Risk zone mapping</li> <li>- Mapping of areas impacted by the project</li> <li>- Hydrological calculations and modeling</li> <li>- Modeling of networks and various structures (water supply, wastewater, and stormwater drainage) planned</li> <li>- Design and sizing of planned networks and structures, preparation of bills of quantities, and cost estimation</li> <li>- Preparation of design reports</li> </ul>	<p><b>Name of the Mission:</b> PAQRA Project - Municipality of YOPOUGON – Complete Engineering Design for the construction of road infrastructure, various networks, hydraulic facilities and public parks in the Restructured Suburbs Development Project (PAQRA).</p> <p><b>Main features of the project:</b></p> <p>Environmental and social engineering studies, assistance with procurement and supervision of works for :</p> <ul style="list-style-type: none"> <li>- 30 km of asphalt roads</li> <li>- 60 km of stormwater drainage and drinking water networks</li> <li>- 60 km of public lighting networks</li> <li>- About thirty public parks</li> </ul> <p><b>Period :</b> 2023-2024</p> <p><b>Location:</b> Côte d'Ivoire</p> <p><b>Funding :</b> AFD</p> <p><b>Position :</b> Water / GIS Engineer – Project Manager</p> <p><b>Employer :</b> BPL</p>
<ul style="list-style-type: none"> <li>- Field visits</li> <li>- Data collection and analysis</li> <li>- Spatial delimitation of the project area</li> <li>- Inventory and mapping of impacted properties using high resolution GPS</li> <li>- Preparation of cadastral mapping</li> <li>- Structuring and management of geospatial data for urban diagnostics</li> <li>- Risk zone mapping</li> <li>- Mapping of areas impacted by the project</li> <li>- Hydrological calculations and modeling</li> <li>- Modeling of networks and various structures (water supply, wastewater, and stormwater drainage) planned</li> <li>- Design and sizing of planned networks and structures,</li> </ul>	<p><b>Project Name or Mission:</b> PAQRA Project - Municipality of ABOBO – Complete Engineering Design for the construction of road infrastructure, various networks, hydraulic facilities and public parks in the Restructured Suburbs Development Project (PAQRA).</p> <p><b>Main features of the project:</b></p> <p>Environmental and social engineering studies, assistance with procurement and supervision of works for:</p> <ul style="list-style-type: none"> <li>- 30 km of asphalt roads</li> <li>- 60 km of stormwater drainage and drinking water networks</li> <li>- 60 km of public lighting networks</li> <li>- About thirty public parks</li> </ul> <p><b>Period :</b> 2023-2024</p> <p><b>Location:</b> Côte d'Ivoire</p> <p><b>Funding :</b> AFD</p> <p><b>Position :</b> Water / GIS Engineer – Project Manager</p> <p><b>Employer :</b> BPL</p>

TASKS	PROJECTS DETAILS
<ul style="list-style-type: none"> <li>preparation of bills of quantities, and cost estimation</li> <li>- Preparation of design reports</li> </ul>	
<ul style="list-style-type: none"> <li>- Field visits</li> <li>- Data collection and analysis</li> <li>- Spatial delimitation of the project area</li> <li>- Inventory and mapping of impacted properties using high resolution GPS</li> <li>- Preparation of cadastral mapping</li> <li>- Structuring and management of geospatial data for urban diagnostics</li> <li>- Risk zone mapping</li> <li>- Mapping of areas impacted by the project</li> <li>- Hydrological calculations and modeling</li> <li>- Modeling of networks and various structures (water supply, wastewater, and stormwater drainage) planned</li> <li>- Design and sizing of planned networks and structures, preparation of bills of quantities, and cost estimation</li> <li>- Preparation of design reports</li> </ul>	<p><b>Project Name or Mission:</b> PAQRA Project - Municipality of KOUMASSI – Complete Engineering Design for the construction of road infrastructure, various networks, hydraulic facilities and public parks in the Restructured Suburbs Development Project (PAQRA).</p> <p><b>Main features of the project:</b></p> <p>Environmental and social engineering studies, assistance with procurement and supervision of works for:</p> <ul style="list-style-type: none"> <li>- 30 km of asphalt roads</li> <li>- 60 km of stormwater drainage and drinking water networks</li> <li>- 60 km of public lighting networks</li> <li>- About thirty public parks</li> </ul> <p><b>Period :</b> 2023-2024  <b>Location:</b> Côte d'Ivoire  <b>Funding :</b> AFD  <b>Position :</b> Water / GIS Engineer – Project Manager  <b>Employer :</b> BPL</p>
<ul style="list-style-type: none"> <li>- Literature review</li> <li>- Study area mapping</li> <li>- Production of thematic land-use maps</li> <li>- Field surveys</li> <li>- GPS survey of land-use types</li> <li>- Creation of geodatabase</li> <li>- Satellite data processing</li> <li>- Production of land-use maps, including diversity, richness, structure</li> <li>- Analysis of vegetation dynamics</li> <li>- Report production</li> </ul>	<p><b>Name of the Mission:</b> Participatory Forest Management Plans (PFMP) for the Classified Forests in the Southwest</p> <p><b>Period:</b> 2022  <b>Place:</b> Côte d'Ivoire  <b>Client :</b> PIF  <b>Funding :</b> World Bank  <b>Position :</b> GIS analyst  <b>Employer:</b> BPL  <b>Activities Performed:</b></p> <ul style="list-style-type: none"> <li>- Described the biophysical environment of the project area.</li> <li>- The implementation of zero-deforestation agriculture and the conservative management of forested areas.</li> <li>- Participatory Forest Management Plans for Classified Forests;</li> </ul>
<ul style="list-style-type: none"> <li>- Field visits</li> <li>- Collection, inventory, and analysis (physical and technical) of water network plans</li> <li>- Scanning of plans</li> <li>- Vector digitization of plans in DXF/DWG format</li> <li>- Vector digitization of plans in SHP (GIS) format</li> <li>- Topological verification and correction</li> <li>- Structuring of attribute tables</li> <li>- Creation of a geodatabase and data integration</li> </ul>	<p><b>Project Name or Mission:</b> Asset Management of the Potable Water Distribution Network – Project for Digitization and Digital Mapping of Network Plans / GIS Geodatabase - Regional Directorate SODECI – Coastal band (southern) (82 localities)</p> <p><b>Funding:</b> World Bank  <b>Position Held:</b> Water / GIS Engineer – Project Manager  <b>Period:</b> June 2022- October 2022  <b>Employer:</b> BPL</p> <p><b>Summary of Activities:</b> :</p> <ul style="list-style-type: none"> <li>- Field visits</li> <li>- Collection, inventory, and analysis (physical and technical) of water network plans</li> </ul>

TASKS	PROJECTS DETAILS
<ul style="list-style-type: none"> <li>- Implementation of the water/cadastral GIS</li> <li>- Modeling of networks and various structures (water supply, wastewater, and stormwater drainage) planned</li> </ul>	<ul style="list-style-type: none"> <li>- Scanning of plans</li> <li>- Vector digitization of plans in DXF/DWG format</li> <li>- Vector digitization of plans in SHP (GIS) format</li> <li>- Topological verification and correction</li> <li>- Structuring of attribute tables</li> <li>- Creation of a geodatabase and data integration</li> <li>- Implementation of the water/cadastral GIS</li> </ul>
<ul style="list-style-type: none"> <li>- Field visits</li> <li>- Collection, inventory, and analysis (physical and technical) of water network plans</li> <li>- Scanning of plans</li> <li>- Vector digitization of plans in DXF/DWG format</li> <li>- Vector digitization of plans in SHP (GIS) format</li> <li>- Topological verification and correction</li> <li>- Structuring of attribute tables</li> <li>- Creation of a geodatabase and data integration</li> <li>- Implementation of the water/cadastral GIS</li> <li>- Modeling of networks and various structures (water supply, wastewater, and stormwater drainage) planned</li> </ul>	<p><b>Project Name or Mission:</b> Asset Management of the Potable Water Distribution Network – Project for Digitization and Digital Mapping of Network Plans / GIS Geodatabase - Regional Directorate SODECI Abengourou (71 localities)</p> <p><b>Funding:</b> World Bank  <b>Position Held:</b> Water / GIS Engineer – Project Manager  <b>Period:</b> October 2022 – January 2023  <b>Employer:</b> BPL</p> <p><b>Summary of Activities:</b></p> <ul style="list-style-type: none"> <li>- Field visits</li> <li>- Collection, inventory, and analysis (physical and technical) of water network plans</li> <li>- Scanning of plans</li> <li>- Vector digitization of plans in DXF/DWG format</li> <li>- Vector digitization of plans in SHP (GIS) format</li> <li>- Topological verification and correction</li> <li>- Structuring of attribute tables</li> <li>- Creation of a geodatabase and data integration</li> <li>- Implementation of the water/cadastral GIS</li> </ul>
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<ul style="list-style-type: none"> <li>- Refinement of the 2021 RGPH database</li> <li>- Georeferencing shapefiles from the locality directory of the 2021 census mapping</li> <li>- Harmonization of attribute tables based on the 2021 RGPH sampling database</li> <li>- Cartographic production</li> </ul>	<p><b>Project Name or Mission:</b> Harmonization and Improvement of Statistics in West Africa (PHAS)</p> <p><b>Characteristics:</b> PHAS Project aims to contribute to the improvement and harmonization of economic, social, and environmental statistics in the West African sub-region and to strengthen the capacities of the National Institute of Statistics (INS) in accordance with the resolutions of the National Strategy for the Development of Statistics (SNDS) and the INS Strategic Plan 2017-2021.</p>



TASKS	PROJECTS DETAILS
<ul style="list-style-type: none"> <li>- Topological verification and correction</li> <li>- Structuring of attribute tables</li> <li>- Creation of a geodatabase and data integration</li> </ul>	<p><b>Funding:</b> World Bank  <b>Position Held:</b> Water / GIS Engineer – Project Manager  <b>Period:</b> May 2022 – November 2022  <b>Employer:</b> INS</p> <p><b>Summary of Activities:</b></p> <ul style="list-style-type: none"> <li>- Database refinement</li> <li>- Data harmonization</li> <li>- Data storage on an online server</li> </ul>
<ul style="list-style-type: none"> <li>- Collection of water GIS data</li> <li>- Design, development, and management of databases</li> <li>- Creation of thematic maps</li> <li>- Development of new tools for GIS management and operation</li> <li>- Deployment and development of WebGIS</li> </ul>	<p><b>Project Name or Mission:</b> Pilot Project for the Development of a Water Information System (WIS) for the Agneby River Basin</p> <p><b>Period:</b> August 2021 – May 2022  <b>Position Held:</b> Water / GIS Engineer – Project Manager</p> <p><b>Summary of Activities:</b></p> <ul style="list-style-type: none"> <li>- Data collection (hydraulic, hydrological, climatic, pedological, geological, land use, vegetation, demographic, and administrative data).</li> <li>- Structuring and integration of data into a geodatabase.</li> <li>- Creation of thematic maps.</li> <li>- Development and deployment of a WebGIS through Geoportal.</li> <li>- Additional activities: Review and update of Côte d'Ivoire's water policy.</li> </ul>
<ul style="list-style-type: none"> <li>- Collection of data on wastewater discharge points into the Ebrié Lagoon across the Abidjan district</li> <li>- Integration of data into a geodatabase</li> <li>- Creation of thematic maps</li> <li>- Study of Côte d'Ivoire's water policy</li> </ul>	<p><b>Project Name or Mission:</b> Wastewater Management Project for the Abidjan Autonomous District</p> <p><b>Period:</b> August 2021 – November 2021</p> <p><b>Position Held:</b> Geographic Information System (GIS) Assistant</p> <p><b>Employer:</b> DGRE</p>
<ul style="list-style-type: none"> <li>- Management of hydraulic assets</li> <li>- Management of the GIS database for the water distribution and sanitation network</li> <li>- Design, development, and administration of databases</li> <li>- Development of new tools for GIS management and operation</li> <li>- Deployment and development of the web service</li> </ul>	<p><b>Project Name or Mission:</b> Management of the Hydraulic Assets of SEOR - Oran Water Distribution Company</p> <p><b>Country:</b> Algeria  <b>Period:</b> June 2021 – August 2021  <b>Position Held:</b> Geographic Information System (GIS) and Water Engineer (Intern)</p>

## 9. Certification

I hereby certify that this CV accurately reflects my qualifications and professional experience. Any false information or incorrect details provided may lead to disqualification.

**Christ Herbert KOFFI**

Name

Signature

**30/06/2025**

Date