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PROFIL

Date of birth: September 17, 1986  
Nationality: Beninese

FORMATION

**Doctoral thesis (PhD)** in Geoinformation and its Applications to Integrated Water and Ecosystem Management (GAGIEE); **Title : Applied Geoinformation-Geophysics.** International Chair in Mathematical Physics and Applications (CIPMA- UNESCO Chair); University of Abomey-Calavi (UAC), BENIN (from September 2015 to April 2019)

**Master of Science (MSc)** in Applied Geosciences; **Title: Geological Engineer.** Faculty of Science and Technology (FAST), UAC, BENIN (from October 2011 to July 2014)

**Licence ès-Sciences Naturelles ; Option : Géosciences appliquées.** Faculty of Science and Technology (FAST), UAC, BENIN (October 2008 - July 2011)

**Scientific high school diploma, series D (BAC D).** High School I of Tchaourou, Benin (October 2001 to June 2007)

DOMAINES DE COMPÉTENCE

❖ GIS

Multi-source and multi-criteria data acquisition and processing  
Mapping of groundwater resources using multi-criteria analysis (GIS), analytical hierarchy process (AHP) and multiple influence factor (MIF) techniques  
Development of lowlands; Mapping of flood-prone areas  
Elaboration of flood hazard and risk maps  
Design, monitoring, updating and management of a GIS database

❖ REMONTE SENSING

Digital processing of optical and radar satellite images  
Specific processing techniques applied to satellite images for fracture extraction in basement zones, for borehole siting studies  
Specific processing techniques applied to satellite images for groundwater prospecting  
Diachronic study of land cover dynamics using optical and radar imagery Vegetation cover monitoring, forest protection and management

❖ APPLIED GEOPHYSICS

Practice in geophysical prospecting methods applied to geological and mining prospecting; Practice in geophysical prospecting methods applied to borehole siting, geometric and hydrodynamic characterization of fractured and continuous aquifers; Performance and interpretation of boreholes and electrical panels (ERT). Environmental geophysical prospecting methods.

❖ GEOLOGIE ET HYDROGEOLOGIE

Prospections géologiques, contrôle des travaux de sondages par carottage  
Prospection et cartographie des ressources minières par imagerie Satellitaire et lors des travaux de terrain  
Cartographie des fractures et associé. (Télé-détection, Géologie)  
Exploration, exploitation et gestion des gisements Miniers  
Mise en œuvre et interprétation des forages et des pompages d'essai  
Suivi et interprétation de pompage d'essai et modélisation hydrodynamique

## CURRENT SITUATION AND INTERNSHIPS

### 06 au 09/2023 POST-DOCTORATE COLLABORATIVE RESEARCH VISIT AND INTERNSHIP

University Center for Research and Application in Remote Sensing (CURAT) of the University of Houphouët-Boigny in Abidjan, Côte d'Ivoire, as part of the program **European Mathematical Society (EMS-Simons) pour l'Afrique** sur le thème " Contribution of Remote Sensing (Fusion of Optical and Radar images) and SIG to Lithostructural mapping and groundwater potential in the hills department of central Benin ".

**30/04 au 31/10/2021 POSTDOCTORATE RESEARCH STAY** at the University Center for Research and Application in Remote Sensing (CURAT) of the University of Houphouët-Boigny in Abidjan, Côte d'Ivoire as part of the Islamic Development Bank (IsDB)-World Academy of Sciences (TWAS) 2021 postdoctoral fellowship program on the theme of "**Action for a better integrated management of water resources in the fractured reservoirs of north-western Benin (AMEGIREF): modelling and drinking water supply**".

**2021 to day** : Part-time lecturer on Cartography, GIS, Geomatics and Remote Sensing in Master I and II at the Department of Water and Sanitation Engineering (DGEA) of the INE University of Abomey-Calavi (UAC), BENIN

**October 2019 to day**: Part-time lecturer in GIS and remote sensing for a Master's degree in continuing Training at the Institut National de l'Eau, Université d'Abomey-Calavi (UAC), BENIN

**Octobre 2019 to day** : Part-time lecturer on the Use and Processing of Digital Terrain Models in the Master's program in Geoinformation and Application to Integrated Water and Ecosystem Management at the UNESCO International Chair in Mathematical Physics and Applications (CIPMA) at the University of Abomey-Calavi (UAC),

**Octobre 2019 to day**: Part-time lecturer in GIS and Remote Sensing in the second year of the Licence and in Master I and II at the Department of Hydrology and Water Resources Management (HGRE) of the INE-UAC.

**2016-2019** Assistant lecturer at the Institut National de l'Eau in **Geology, Cartography, Geomatics, Applied Geophysics**

**08 au 11/2018** : Training and doctoral internship in **Remote Sensing, GIS and Hydrogeology** at the Laboratory of Water Sciences and Techniques and Environmental Engineering at the University of Houphouët-Boigny in Abidjan, Côte d'Ivoire..

**07 à 11/2016** : Training and doctoral internship in **remote sensing and GIS** at the Laboratoire des Sciences et Techniques de l'Eau et du Génie de l'Environnement and the University Center for Research and Application in Remote Sensing (CURAT) at the University of Houphouët-Boigny in Cocody, Côte d'Ivoire.

**2016-2017** : In-depth training in remote sensing organized by CIPMA and led by Claude CODJIA Professor at the University of Quebec in Montreal and consultant at the Canadian Centre for Remote Sensing.

## SCIENTIFIC WORKS AND PUBLICATIONS

- ✓ Kouame A.K., Ta M.Y., **Akokponhoue B.H.**, De Lasme O.Z. & Kouamé L.N. (2023). Contribution of Aeromagnetic Data to the Structural Discontinuities Identification of Black Volta Catchment Aquifer System in Côte d'Ivoire. ESJ, 19(30),307. <https://doi.org/10.19044/esj.2023.v19n30p307>; <https://eujournal.org/index.php/esj/article/view/17373>
- ✓ Armel K KOUAME, Marc YOUAN TA, **Bertrand H. AKOKPONHOUÉ**, and Omer Z. De LASME (2023). Contribution of LandSat OLI imagery and field indices to the structural cartography of the aquifer system of black Volta catchment in Côte d'Ivoire. International Journal of Innovation and Applied Studies Vol. 40 No. 2, pp. 520-531. <https://ijias.issr-journals.org/authid.php?id=15063>
- ✓ Youan Ta Marc Kouame K Armel **Akokponhoue H Bertrand** Njeugeu Mbiafeu A. Carine (2023). Analysis of the Hydrodynamic Properties of the Fissure Aquifers of the Black Volta Catchment in Ivory

Coast. European Journal of Environment and Earth Sciences [www.ej-geo.org](http://www.ej-geo.org) Vol 4 Issue 5, pp18-23  
DOI: <http://dx.doi.org/10.24018/ejgeo.2023.4.5.400>;

<https://ej-geo.ejdent.org/index.php/ejgeo/article/view/400/238>

- ✓ Arnel K. KOUAME, Marc Youan Ta, Yapo Assi Martial, **Bertrand H AKOKPONHOUE**, Omer Zéphir de LASME5, Amandine C. Mbiafeu NJEUGEU, Kouamé L. Nicolas, and Nicaise YALO (2023). Tomographies de Résistivité Electrique appliquées à l'implantation de forages AEP à Bouna et Doropo dans la région du Bounkani (Nord-est) de la Côte d'Ivoire. International Journal of Innovation and Scientific Research (IJISR) Vol. 68 No. 1, pp. 177-186 <http://www.ijisr.issr-journals.org/abs.php?article=IJISR-23-184-19>
- ✓ KPOHA J. Nadège, **AKOKPONHOUE H. Bertrand**, OREKAN Vincent, N'guessan Bi Vami Hermann (2023). Contribution de la télédétection et d'un SIG à la cartographie des unités de l'occupation du sol et ses changements face au problème d'inondation sur le plateau d'Allada au Bénin entre 1986-2020. International Journal of Innovation and Scientific Research (IJISR) Vol. 65 No. 2, pp. 164 -177 <http://ijisr.issr-journals.org/issue.php?issue=current>
- ✓ KPOHA Josiane Nadège, **AKOKPONHOUE H. Bertrand**, OREKAN Vincent, YAO Yao Muller (2023) Contribution of multicriteria analysis and GIS in the discrimination of flood risk areas on the Allada plateau in southern benin. International Journal of Innovation and Applied Studies Vol. 38 No. 4 Feb. 2023, pp. 906-924 <http://ijas.issr-journals.org/abstract.php?article=IJIAS-22-339-01>
- ✓ Euloge N. YALO, **Bertrand H. AKOKPONHOUE** and marc YOUAN TA Protonic Magnetic Resonance Properties of the Hard Rocks Fracture Zones in the Department of Donga (2020). EJERS, European Journal of Engineering Research and Science Vol. 5, No. 2. p. 1-6 DOI: <http://dx.doi.org/10.24018/ejers.2020.5.2.1737>.
- ✓ Nicaise YALO, **Bertrand H AKOKPONHOUE**, Nesny Y AKOKPONHOUE YOUAN TA Marc, Abdoukarim ALASSANE1, Comlan HOUNTON Fidèle SUANON (2020). Geophysical Geometry of Fracture Zones in the Basement Rocks of the Donga Department Northwest of Benin. Journal of Geology & Geophysics, Vol. 9 Iss. 1 No: 475, (2020), pp.1-12. ISSN 2381-8719, [www.longdom.org/geology-geosciences.html](http://www.longdom.org/geology-geosciences.html)
- ✓ Nesny Y. AKOKPONHOUE, Nicaise YALO, **Bertrand H AKOKPONHOUE**, Rita HOUNGUE, George AGBAHOUNGUA. (2019). Contribution of Electrical Resistivity Tomography and Boring Technique in the Realization of Ten (10) Large Boreholes in a Crystalline Basement Rocks in the Centre-West of Benin. Journal of Geoscience and Environment Protection, Vol.7 (2019), pp. 114 à 130. ISSN 2327-4344, [www.scirp.org/journal/gep](http://www.scirp.org/journal/gep)
- ✓ AKOKPONHOUE Y. Nesny., YALO Nicaise., **AKOKPONHOUE H. Bertrand.**, YOUAN TA M., AGBAHOUNGUA G. (2019). Apport de la télédétection et de la géophysique dans la cartographie des linéaments en zone de socle cristallin dans le département des collines au sud-ouest du Bénin, European Scientific Journal (ESJ) ISSN : 1857-7881 (Print) ISSN : 1857-7431. Vol.15, No.27 p. 426-447 <http://dx.doi.org/10.19044/esj.2019.v15n27p426>
- ✓ **AKOKPONHOUE H. Bertrand.**, YALO N., ADISSIN G. L., ALASSANE A., AGBAHOUNGUA G., LASM T. (2018). Cartographie structurale des accidents géologiques majeurs du socle cristallin du département de la Donga (Nord-Ouest du Benin) : Apport des images landsat-8 Oli et des données de terrain. International Journal of Innovation and Applied Studies. Vol. 24 No.3 p. 1266-1283. <http://www.ijias.issr-journals.org/fr/issue.php?issue=93>
- ✓ **AKOKPONHOUE B.H.**, YALO N., LASM T., YOUAN TA M., ALASSANE A., KOUAMÉ K. J., AKOKPONHOUE N Y., HOUNTON C. C, SUANON F., (2017) : Contribution of Remote Sensing to the Structural Mapping of Aquifers with Large Water Flows in the Crystalline Hard-Rock in the Department of Donga (North-West of Benin). International Journal of Emerging Technology and Advanced Engineering. ISSN 2250-2459, Volume 7, Issue 7. P. 392-403. <https://ijetae.com/Volume7Issue7.html>

## SCIENTIFIC COMMUNICATIONS

- ✓ **AKOKPONHOUE H. Bertrand.**, YALO Nicaise., YOUAN TA Marc., AKOKPONHOUE Y. Nesny., ALASSANE A. (2019). use of high resolution 2d electric resistivity tomography for mapping of the geological structures of the north-western portion of benin : case of the department of the Donga. 4<sup>ème</sup> journées scientifiques du comes, 02-05 decembre 2019, Ouidah, Bénin. <https://www.lecomes.org/programme-des-4es-journees-scientifiques-du-comes/>
- ✓ **AKOKPONHOUE H. B.**, YALO N., YOUAN TA M., ALASSANE A., AGBANHOUNGUA G. (2019). Contribution des SIG et de la géophysique dans la prospection des réservoirs d'eau souterraine du Nord-Ouest Bénin. Conférence International sur les Mathématiques Appliquées à des questions de Développement (MADEV-2019) 25-27 Novembre 2019, Dakar, Sénégal. <https://ansts.assistic.net/conference-internationale-madev-19-mathematiques-appliquees-a-des-questions-de-developpement-outils-et-modeles-de-la-theorie-du-controle-appliques-a-lepidemiologie-energie-e/>
- ✓ **AKOKPONHOUE H. B.**, YALO N., YOUAN TA M., Akokponhoue N. Y., Allassane A., (2019). Use of high resolution 2D Electric Resistivity Tomography for mapping of the geological structures of the

north-western portion of Bénin: case of the department of the Donga. 4<sup>th</sup> Colloquium of International Geoscience Programme (IGCP638). 28 October to 2 November 2019, Algiers, Algeria.

<https://igcp638.univ-rennes1.fr/index.php/conference-programme#igcp4>

- ✓ **AKOKPONHOUE H. B.**, YALO N., ADISSIN G. L., YOUAN TA M., AGBANHUNGBA G., (2018). Contribution of Remote Sensing and Geographic Information Systems to the Mapping of the Geological Structures of a Segment of the Pan-African Chain of Dahomeyides in northwest Benin. 3<sup>rd</sup> Colloquium of International Geoscience Programme (IGCP638), October 15<sup>th</sup>-16<sup>th</sup>, 2018, University Félix Houphouët-Boigny, Côte d'Ivoire, Actes des Colloque pp 5-6. <https://igcp638.univ-rennes1.fr/index.php/conference-programme#igcp3>
- ✓ **AKOKPONHOUE H. B.**, YALO N., ALASSANE A., LASM T., AGBANHUNGBA G. (2018). Télédétection et système d'information géographique dans l'identification des ressources en eau souterraine du département de la Donga (Nord-Ouest du Bénin). Atelier de sensibilisation « Les écosystèmes aquatiques souterrains au Bénin : état présent et perspectives » ISBA, 19-20 Juin 2018, UAC, Bénin, pp.4 <http://www.archives.biodiv.be/benin/ressources/rapports/atelier-de-sensibilisation-les-ecosystemes-aquatiques-souterrains-au-benin-etat/livre-des-resumes>
- ✓ **AKOKPONHOUE H. B.**, YALO N., ADISSIN G. L., ALASSANE A., AGBANHUNGBA G. (2018). Apport des images landsat-8 Oli à la cartographie structurale des accidents géologiques dans le socle cristallin du département de la Donga (Nord-Ouest du Benin). Journées Scientifiques, des 40 ans de l'Ecole Polytechnique d'Abomey-Calavi, 5 au 7 février 2018, Université d'Abomey-Calavi, Bénin. [www.colloque.uac.bj](http://www.colloque.uac.bj)
- ✓ **AKOKPONHOUE H. B.**, YALO N., YOUAN TA M., LASM T., AGBANHUNGBA G. (2017). Contribution de la Télédétection, des SIG et de l'analyse multicritère dans la cartographie des eaux souterraines en milieu fracture : cas du Département de la Donga (Nord-Ouest Bénin). Symposium International sur la Science et la Technologie. 2<sup>ème</sup> édition - SIST 2017, 04 au 08/12/ 2017, Ouaga- Burkina Faso.
- ✓ **AKOKPONHOUE H. B.**, YALO N., LASM T., YOUAN TA M., ALASSANE A., KOUAMÉ J. K., AKOKPONHOUE Y. N., HOUNTON C. C., (2017). Apport de la Télédétection à la cartographie structurale et à l'analyse des réseaux de fractures du socle cristallin du Département de la Donga (Nord-Ouest du Bénin) 2<sup>ème</sup> Colloque Scientifique International de Kara portant sur le thème 11 au 15 septembre 2017, Université de Kara-Togo. <https://www.savoirnews.net/blog/2017/09/16/fin-ce-ventredi-du-deuxieme-colloque-scientifique-international-de-luniversite-de-kara-nord/>
- ✓ **AKOKPONHOUE H. B.**, YALO N., LASM T., YOUAN TA M., ALASSANE A., KOUAMÉ J. K., AKOKPONHOUE Y. N., HOUNTON C. C. (2017). Apport des SIG et de l'analyse multicritère dans la cartographie des eaux souterraines en milieu fracturé : cas du département de la Donga (Nord-Ouest du Bénin). Colloque Eau –Société-Climat (ESC- 2017), 02 et 04 Octobre 2017, Hammamet Tunisie, Actes des colloque Vol II, pp 149- 154 ; <https://jistee.org/eau-societe-climat2017/>
- ✓ **AKOKPONHOUE H. B.**, YALO N., LASM T., YOUAN TA M., ALASSANE A., KOUAMÉ J. K., AKOKPONHOUE Y. N., HOUNTON C. C. (2017). Cartographie des réservoirs d'eau souterraines pour l'implantation des forages à gros débits dans le socle fracturé du département de la Donga (Nord-Ouest du Bénin) : Approche SIG et de l'analyse multicritères. 5<sup>em</sup>e Doctoriale 2017,13 au 14 Juin 2017, à la Fondation 2IE, Ouagadougou-Burkina Faso. <https://lefaso.net/spip.php?article77829>

✓  
✓

## KNOWLEDGE OF LANGUAGES

(1 - excellent; 5 - basic))

Language	Read	Spoken	Written
Français	1	1	1
Anglais	1	2	2
Fon/Mahi	2	1	3
Tagbana	2	1	3
Bariba	2	1	3
Yoruba	2	1	3
Peulh	2	2	3

## AFFILIATIONS

- ✓ Active member of the Gah Baka Agro Business Center;
- ✓ Active participation in the initiative for women's access to land in the communes of Dassa and Glazoué;
- ✓ Member of the Youth Bridge Foundation; the African Conference on Youth and Governance, headquartered in Accra (Ghana);
- ✓ Member of the World Association of Volunteers for Sustainable Development (AVD -Benin).
- ✓ Member of the Professional Association of Geologists and Geoscientists of Benin.

## PARTICIPATION IN WORKSHOPS AND SEMINARS

- ✓ **May 30, 2023:** Participation in the Symposium on the Geospatial and Aerospace Industry in Benin " Geospatial and Aerospace Industry in Benin: What strategy for economic progress in the short, medium and long term?" Management of the geospatial operations of the Robotics Inspection Laboratory (IRobotics) in partnership with the School of Digital Trades (EMN), Sèmè City, Cotonou.. <https://siraga.irobotics.store/timetable/>
- ✓ **March 10 to 11, 2022:** Participation in the scientific workshop of the Laboratory Mixte International - Center for the Study of Water Resources in the Critical Zone (LMI-REZOC) held at the ANOUARNITE Center in Abomey-Calavi.
- ✓ November 2021: training on environmental considerations in the design and management of development projects and programs;
- ✓ **August 09 to 13, 2021:** Participation in the training workshop "Ocean Data Science: Using Python to Analyze Satellite Imagery" at the University Center for Research and Application in Remote Sensing (CURAT) of the University of Houphouët-Boigny in Abidjan, Côte d'Ivoire.
- ✓ **November 25-27, 2019:** Participation in the International Conference on Mathematics Applied to Issues of Sustainable Development and Entrepreneurship (MADEV-2019), at the National Academy of Sciences and Techniques of Senegal Dakar, Senegal.
- ✓ **March to June 2019:** Active participation in the implementation of a digital database of beneficiaries of the project experimentation and popularization of the LIFT approach for entrepreneurship and empowerment of youth and women at Ex BØRNEfonden and Plan International Benin in the department of Zou..
- ✓ **April 23 to 27, 2019:** Participation in the FRIEND AOC 2019 regional workshop on the Use and valorization of space hydrometeorological data at the Pôle Scientifique et d'Innovation de Bingerville of the University Felix Houphouët-Boigny, Abidjan,
- ✓ **March 13-15, 2019:** Participation in the international conference on satellite images for sustainable land management in Africa. Observation Spatiale des Forets d'Afrique Centrale et de l'Ouest (OSFACO) ; Hotel Azalai, Cotonou, Benin.
- ✓ June 19 to 20, 2018: Participation in Awareness-raising workshop on Underground aquatic ecosystems in Benin: present state and prospects; ISBA, UAC, Benin.
- ✓ **February 2015:** Participation in leadership and entrepreneurship training on "How to be a World Class Leader" organized by the Embassy of the United States of America-Cotonou.

## PRINCIPAL COMPETENCES

- ✓ Expert in database design and management;
- ✓ Expert in the evaluation of sustainable development and technological innovation projects;
- ✓ Design, planning, implementation, resource management, monitoring and evaluation of development projects and programs;
- ✓ Expert in entrepreneurship and economic empowerment of young people and women;
- ✓ Communication and capitalization of development projects and programs;
- ✓ Socio-economic studies and research
- ✓ Lecturer and researcher in Cartography, GIS and digital satellite image processing
- ✓ Design of online data collection, processing and analysis tools;
- ✓ Proficiency in programming, monitoring, reporting, word processing and data processing software: Word, Excel, STATA, SAP, Power point;
- ✓ proficiency in statistical software: XLSTAT; Statistica, Grapher, RockWork; R
- ✓ Cartographic software: ArcGIS, Envi; QGIS; IMPACT TOLBOX; SNAP; POLSARPRO; Anaconda Navigateur; Surfer
- ✓ Expert in training young people in the use of digital tools.

PROFESSIONAL EXPERIENCES

Date	Institution	Projet	Poste	Description des tâches
<b>Juillet à Octobre 2023</b>	University Center for Research and Application in Remote Sensing (CURAT), University of Houphouët-Boigny, Abidjan, Côte d'Ivoire Tel : <b>+22507 59 22 82</b> Email : <b>marc_youanta@curat-edu.org</b>	programme European Mathematical Society (EMS-Simons) pour l'Afrique sur le thème <b>ems-office@helsinki.fi</b> <b>balazs.szendroi@univie.ac.at</b>	<b>Research Assistant in charge of project implementation</b> " Contribution of Remote Sensing (Fusion of Optical and Radar images) and SIG to Lithostructural mapping and groundwater potential in the hills department of central Benin ".	<ol style="list-style-type: none"> <li>1. Download and process Sentinel S1A and S2A images for lineament extraction and land cover map of Central Benin.</li> <li>2. Use GIS to map high-potential groundwater areas for high-flow boreholes in Central Benin, using the Multiple Influence Factor method.</li> <li>3. ensure project implementation, mainly by planning and executing activities</li> <li>4. prepare quarterly project reports.</li> <li>5 Two articles in progress</li> </ol>
<b>February 2018 to Today</b>	Cabinet Access Entrepreneuriat Tel : <b>64896419</b> Email : <b>labika2003@yahoo.fr</b>	National Office	<b>Technical Advisor in Entrepreneurship/Prestation</b>	<ol style="list-style-type: none"> <li>1. Connect young people to relevant national initiatives and position them for regional/international opportunities and spaces ;</li> <li>2. Ensure visibility of Cabinet Access Entrepreneurship's work with youth/girls and facilitate sharing and learning between youth groups/networks;</li> <li>3. Design and implement training sessions for youth and girls on leadership and seek opportunities for influence in line with our priorities;</li> <li>4. Put young people in touch with new opportunities offered by partners sensitive to their cultures and identities, and provide ongoing support for these opportunities as they arise;</li> <li>5. support the identification of decent work and entrepreneurship opportunities within relevant supply value chains; and facilitate information and connections to opportunities for young people and in particular young women;</li> <li>6. Provide specialized advice on agricultural entrepreneurship, business management and commercial strategies for the benefit of medium and small enterprises &amp; income-generating activity groups;</li> </ol>

				<p>7. Train young women in personal development and empowerment through the creation and development of income-generating activities ;</p> <p>8. Monitor the implementation and evaluate the social impact of women's micro-projects.</p> <p>Communicate and promote entrepreneurship in the communities where we work;</p> <p>9. Participate in feeding, updating and managing the entire capitalization system and promote the dissemination of lessons learned, training modalities and post-training support programs adapted to young people;</p>
From October 2019	<p>African Center of Excellence for Water and Sanitation of the National Water Institute</p> <p><b>Tel : 97195578</b></p> <p><b>Email :</b></p> <p><b>o_sintondji@yahoo.fr</b></p>	National Water Institute of the University of Abomey Calavi	<b>Expert and Lecturer (Temporary)</b>	<p>1. Make INE, through C2EA, a center of excellence in training, research, innovation and expertise in the water and sanitation sector for sustainable development at national and regional levels;</p> <p>2. The C2EA aims to provide Africa with a center of competence, expertise and innovation in water, sanitation and climate change. This center will take up the challenge of training highly qualified personnel capable of solving the various operational problems that arise in the various countries of West and Central Africa;</p> <p>3. The Centre's approach is also based on a dynamic and highly diversified sectoral partnership involving private and public companies, NGOs, technical departments, etc. These partnerships take the form of teacher and student exchanges, student co-supervision, field schools, co-organization of workshops, seminars and conferences, and student internships;</p> <p>4. Sustainable development, green growth, innovation, entrepreneurship, social and environmental responsibility, merit - these are the values we proudly display at INE's C2EA.</p> <p>5. Orient young students (male and female) through their dissertation themes towards innovative economic activities, entrepreneurship and sustainable development.</p>

				<p>6. More than 20 young students followed and supervised in Bachelor's and Master's programs, who have gone on to support and integrate into working life.</p> <p>7. Offers courses in Cartography, Geographic Information Systems, Remote Sensing, Geomatics and Urban Planning at Licence and Master levels.</p> <p>8. Member of juries assessing students' bachelor's and master's theses.</p>
<p>April 30 to October 31, 2021 (06 months)</p>	<p>University Center for Research and Application in Remote Sensing (CURAT), University of Houphouët-Boigny, Abidjan, Côte d'Ivoire  <b>Tel : +22507 59 22 82</b>  <b>Email : marc_youanta@curat-edu.org</b></p>	<p>Islamic Development Bank (IsDB)-World Academy of Sciences (TWAS) Postdoctoral Fellowship Program 2021  <b>Agreement N°05/2020 Vendor n°507008 ;Tel : +390402240327 ;</b>  <b>Email : fellowships@twas.org</b></p>	<p><b>Research Assistant in charge of program implementation</b>  « Action for a better integrated management of water resources in the fractured reservoirs of North-Western Benin (AMEGIREF): Modelling and drinking water supply »</p>	<ol style="list-style-type: none"> <li>1. Mapping of sites suitable for the installation of high-capacity boreholes in the communes of the Donga department;</li> <li>2. Design and implement a digital database on the drinking water supply system in the communes of the Donga department;</li> <li>3. Develop a digital hydrogeology model.</li> <li>4. produce quarterly and half-yearly program reports;</li> <li>5. Ensure program implementation, mainly through activity planning, execution and monitoring.</li> <li>6. Coordinate and ensure good collaboration with program partners, with the staff of the Institut National de l'Eau of the Université d'Abomey Calavi and the University Center for Research and Application in Remote Sensing (CURAT) of the University of Houphouët-Boigny in Abidjan, Côte d'Ivoire;</li> </ol>
<p>October 2022 to December 2022 (03 months)</p>	<p>National Fund for Scientific Research and Technological Innovation (FNRSIT)  <b>Tel : +229 97122749</b></p>	<p>National Fund for Scientific Research and Technological Innovation (FNRSIT)</p>	<p><b>Expert in the validation of innovative projects and member of the expert committee for final project validation</b></p>	<ol style="list-style-type: none"> <li>1. Evaluate projects according to their scope and Innovation ;</li> <li>2. Design a participatory monitoring and evaluation strategy and plan for selected projects to ensure that activities are progressing smoothly and that they are having an impact;</li> <li>3. Produce reports and other technical documents for project reporting.</li> </ol>

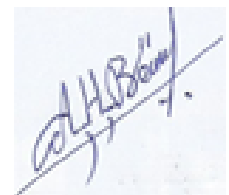
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I certify that the above information is true and correct.

Ab-Calavi, January 13, 2024



**Bertrand H. AKOKPONHOUÉ**