

Coordonnées

Lomé-Togo
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www.linkedin.com/in/djan-na-koubodana-6a6015a9 (LinkedIn)

Principales compétences

Anglais
Microsoft Office
Entrepreneuriat

Languages

Nawdum (Native or Bilingual)
Français (Full Professional)
Anglais (Professional Working)

Publications

Assessing Water Balance Components Contribution Variation in the Mono River Basin, West Africa

Impact of the Accuracy of Land Cover Data Sets on the Accuracy of Land Cover Change Scenarios in the Mono River Basin, Togo, West Africa

Trend Analysis of Hydroclimatic Historical Data and Future Scenarios of Climate Extreme Indices over Mono River Basin in West Africa

Mécanismes de connexions entre les modes de variabilités interannuelle équatoriale et méridienne de l'Atlantique tropical

Djan'na Koubodana

Researcher | Physicist | Oceanographer | Climate and Water Specialist | Independent Consultant

Lomé

Résumé

Djan'na Koubodana holds a Ph.D. degree in Climate Change and water resources under the West African Science Service Center on Climate Change and Adapted Land Use program (WASCAL-<https://wascal.org/>) at the University of Abomey Calavi (UAC), Benin. He remained a Ph.D. Visiting Scholar at the University of Bonn, Germany.

Dr. Djan'na Koubodana has a multidisciplinary academic background. He initially has a master's (ex-maitrise) degree in Physics at the University of Lomé in Togo while his Master is in physical oceanography and applications are issued by the University of Paul Sabatier of Toulouse III, France (<https://www.univ-tlse3.fr/>) and the University of Abomey Calavi, Benin (<http://cipma.net/>). He has done his undergrad in physics and chemistry at the University of Lomé, Togo.

His Ph.D. study investigated the impacts of climate change land-use change and dam management on water resources over a transboundary sub-region river in developing countries with a special focus on Togo.

Dr. Koubodana has been produced various academic papers and his research studies in his research area including physical oceanography. Especially he has worked on land use assessment and prediction, climate change detection, and surface hydrology, hydrological modeling using GR4J, IHACRES, and SWAT models.

He has presented his researches results in many International forums and conferences where climate change, water resources, agriculture, and oceanography implementations remained the focus. Dr. Koubodana passionate about the environment researchers, clean energy, and of course entrepreneurship and is interested to work with an international team, motivate to learn more with a focus on

sustainable development. New challenges and continue learning every day is his pleasure.

His area of research interest is climate change and water resource, Remote Sensing & GIS, image processing and analysis, land use, climate change climate analysis and Scenarios prediction; watershed hydrology; hydrological modeling; data-scarce region; irrigation system; multi-criteria evaluation at the national and regional scale, Coastal erosion and flooding.

Expérience

ITRA/Togo

Research Associate

mai 2020 - Present (7 mois)

Lomé, Togo

- Data collection in the field,
- Design, implementation, and monitoring of projects
- Drafting and evaluation of the project,
- Drafting of TDRS,
- Drafting of study reports in irrigation-water-climate-agriculture,
- Development of irrigation systems,
- Analysis of climate data and climate scenarios
- Evaluation of scientific reports
- Participation in the scientific meeting

WASCAL

Junior Researcher

juin 2016 - mai 2020 (4 ans)

Cotonou, Littoral, Benin

CRIGET-CS (<https://criget.com/>)

Assistant Consultant

juillet 2018 - décembre 2019 (1 an 6 mois)

Lomé, Togo

- Consultation on water resources in the context of climate change
- Application of Geographic Information Systems in the management of forest resources
- Climate trend analyses and climate predictions
- Integrated management of water resources

- Analysis and prediction of land use and cover
- Development, search for funding, and implementation of projects
- Assistance to consultations in specific areas of expertise

The University of Bonn

Junior Research in hydrology Research Group(HRG)

mars 2018 - novembre 2018 (9 mois)

Région de Bonn, Allemagne

As a Ph.D. visiting student since March 2018, I have worked as a junior researcher in Hydrology Research Group(HRG) at Faculty of Mathematics and Natural Science in the University of Bonn, Germany. The main task is in modeling the impacts of climate and land use change on the water resource. SWAT modeling under GIS tools and IDRIS software utilization for land use and land cover assessment and future scenarios projection.

Hight school GEG Agoe Centre- CS ESSOR-HERMAN-Lyce

AVEDJI-Lyce PORT-La Madone

Physics and chemistry Education Teacher

juillet 2012 - septembre 2016 (4 ans 3 mois)

Lome-Togo

Prepare and run lessons by demonstrating practical activities,
 Assigning homework assignments, including additional reading and science projects - Assessment of student achievement, tests, reports, and lab activities
 - Collaboration with other teachers, staff, students, and parents to support the progress of students
 pupils

Use of the latest technologies and scientific discoveries -

Coordinate science fairs in schools - Supervise students

and prepare them for scientific competitions, Preparation of practical and supervised work

GEG Agoe-Nyivé center, ESSOR College, Avédji High School, Port High School, and La Madone College

Université d'Abomey-Calavi

Graduate Trainee

septembre 2014 - septembre 2015 (1 an 1 mois)

Abomey-Calavi, Benin

This training was focused on the scientific understanding of physical processes in the ocean. Opening on research in the areas of physical oceanography, coastal environment, the relationship between ocean and

climate, climate impact on fishery resources and modeling; the training equipped us on climate analysis, analysis and interpretation of physical data with the used of ocean visual software such as SAGA, ODV, GEBCO, and Matlab.

Student Association at UL

Association president-Treasurer

2008 - 2011 (3 ans)

Lome

As a student at the University of Lome(UL), I managed a group of a student as a president and after treasurer of this group. It was an association of the students of the same region where we have a monthly meeting in order to share experience, help each other and give advice to the newest student at the university..

Formation

Université d'Abomey-Calavi, Benin

Doctor of Philosophy - PhD, Climate Change and Water resources · (2016 - 2020)

The University of Bonn, Germany

Visiting Student, Hydrology and Water Resources Science · (2018 - 2018)

Kwame Nkrumah' University of Science and Technology, Kumasi

Certificate, English Language and Literature, General · (2016 - 2016)

Université Paul Sabatier Toulouse III, France

Master of Science (MSc), Physical Oceanography and Applications · (2014 - 2015)

Université d'Abomey-Calavi, Benin

Master's degree, Physical Oceanography and Applications · (2014 - 2015)