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WASCAL SCIENCE SYMPOSIUM²²

Theme: Research, Innovations, and Capacity Building
to combat Climate Change and improve livelihoods in West Africa

Venue: Venue: Lancaster Hotel and Towels, Ouagadougou, Burkina Faso

CALL FOR ABSTRACT

WASCAL.ORG

The West African Science Centre for Climate Change and Adapted Land Use (WASCAL) is a climate and environmental services provider established to help increase the resilience of human and environmental systems to climate change, and to reduce vulnerability. It does so by strengthening the infrastructure and human capacities and by combining expertise in land use/land cover science, renewable and clean energy, socio-economics, weather/climate science, accounting and finances (including value chain), communications and visibility. Hence, it provides data, information, knowledge and science-based guidance to local, national, and regional stakeholders/beneficiaries to cope with the adverse impacts

of climate change and devise integrated mid- and long-term options to build up resilient and productive socio-ecological landscapes. WASCAL is a non-profit, regional trans-disciplinary Organization under Public International Law grounded on three pillars: research, services provision, and capacity building through 12 Graduate Studies Programs (GSPs) or WASCAL Centres of Excellence hosted in different universities of its 11-member countries (Benin, Burkina Faso, Cape Verde, Côte d'Ivoire, The Gambia, Ghana, Mali, Niger, Nigeria, Senegal and Togo).

WASCAL delivers demand-driven climate and environmental services (CES) to support renewable energy planning, implementation, and investment decisions, aligned with the Sustainable Development Goals (SDGs) and Nationally Determined Contributions (NDCs). It further provides information on risks and opportunities for renewable electricity sources under climate change and variability (CC&CV). Recently, WASCAL has focused its research programme towards development by generating CES, addressing the main challenges faced by the region in connection with Climate Variability & Change.

01 ABOUT THE 2022 SCIENCE SYMPOSIUM

Africa is continuously challenged by the increasing climate hazards that threaten lives, livelihoods, assets, physical environment, and



the overall human well-being. The effects of these challenges are largely felt in developing nations, like those in West Africa where the impacts are comparatively high and adaptive capacities are very often low. Most nations in the region lack the ability to manage the physical risks arising from increasing surface temperature, rising sea level, advanced land degradation, extreme weather, and compound events. The 2022 Science Symposium will bring together scientists, policy makers, and key stakeholders in West Africa and beyond to share knowledge on advances and innovation in combating climate change and improving livelihoods.

02 Goals /Objective

The overall goal of the WASCAL 2022 Science Symposium, marking the 10th year anniversary of WASCAL, is to achieve a self-sustaining WASCAL and position the institution as a regional hub for research, and climate service provider in Africa. Furthermore, the science symposium is to take stock of the achievements of WASCAL and interact with relevant stakeholders on state of-art- research and future initiative for sustainable development and increased livelihood in West Africa.

THE SPECIFIC OBJECTIVES ARE TO:

- i. Showcase of research and innovation in different thematic areas: i) land use and land cover nexus climate change; ii) Risk and vulnerability to climate extremes and compound events, iii) climate change and migration, iv) climate smart agriculture, and v) renewable energy.
- ii. Showcase of customized and integrated climate services to policy makers, technicians and other professionals.
- iii. Foster science and policy dialogues for multistakeholder framework on adaptation, mitigation, and climate finance among the ECOWAS sub-region.
- iv. Promote SMEs, NGOs and other institutions advancing the cause of climate action, technology & innovation under CCV in Africa.
- v. Foster cross border knowledge and information, exchange of ideas and experiences in the execution of climate change adaptation projects in West Africa.

03 CALL FOR CONFERENCE PAPER

Participants from WASCAL and other partner institutions will be given the opportunity to present the findings of their work in line with WRAP2.0 preliminary results, topics relating to WASCAL Priority Research Themes (PRT), and other areas of interest through oral and poster presentations. Your submission/presentation can therefore be any of the following sub-themes which are key to building up impactful climate and environmental services:

1 **Sub-theme 1**
Land use/ land cover (LULC),
Climate smart Agriculture
and food security

2 **Sub-theme 2**
Climate risk and vulnerability:
monitoring, mitigation, and
adaptability strategies

3 **Sub-theme 3**
Water Resources
Management

4 **Sub-theme 4**
Renewable Energy and Bio
economy

5 **Sub-theme 5**
Rural-urban and cross border
migration and transboundary
security

6 **Sub-theme 6**
Big Data management and
information Technology

04 IMPORTANT DATES

2 SEPTEMBER, 2022

A formal call for Abstracts

7 OCTOBER, 2022

Abstract submission deadline

14 OCTOBER, 2022

Notification of acceptance/
rejection of abstract submissions

5-9 DECEMBER, 2022

Conference Date

05 INSTRUCTIONS FOR AUTHORS

Potential participants are encouraged to submit abstracts for consideration. Participants will have the opportunity to present results of their research activities in an oral or poster sessions.

Abstract submission guideline:

- i. The abstract should include: the title of the article; Name(s); Affiliation(s) of author(s); Name, address, telephone, and e-mail address of the corresponding author.
- ii. Title of paper
- iii. Key words (maximum five)
- iv. The abstract must not exceed 250 words Text in Arial font size 12. The abstract should be in English or French Language

- v. All submissions will be peer-reviewed by the scientific committee.
- vi. Authors of accepted abstract(s) will be invited to give a talk or make a poster presentation at the conference.
- vii. Authors of accepted abstract(s) will be invited to submit Conference paper(s).

The conference papers will be formatted based on specific instructions for authors available after notification of abstract acceptance. All abstracts must be submitted to the following email addresses: salack.s@wascal.org and hackman.k@wascal.org. High profile presentations and a few reviewed selected conference papers will be considered for a special publication to mark the 10th anniversary of WASCAL.

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ORGANIZING COMMITTEE

WASCAL SAC, DoR, DCB, SFM, CoC representative, GSP representatives, Communication Division and Administrative team.

07

SCIENTIFIC REVIEW COMMITTEE

All WASCAL GSP Directors, CoC Senior Scientists, Partner Institutions i.e. CORAF, FARA, IUCN, CILSS, IWMI.

For further information please visit: www.wascal.org
or contact

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