

N°2022-72/ABFI/CA/DCG

New Delhi, le 21 juin 2022

Le Chargé d'Affaires a. i

A

**Monsieur le Ministre de l'Agriculture, des ressources
Animales et Halieutiques
S/C**

**Son Excellence Madame le Ministre des Affaires
Etrangères, de la Coopération Régionale et des Burkinabè de
l'Extérieur
OUAGADOUGOU**

Objet: Online International Training Programme

Monsieur le Ministre,

J'ai l'honneur de vous faire parvenir, ci-joint, les lettres No.IEC/TRG/IAVNELGA/2022 et No.IEC/TRG/IAVSOA/2022 toutes datées du 17 juin 2022 du Dr. Manoj NARDEOSINGH, Secrétaire Général de l'Organisation Africaine-Asiatique pour le Développement Rural (AARDO) par lesquelles il informe que l'AARDO organise, en collaboration avec « The Agronomic and Veterinary Institute Hassan II NELGA and CALTUR du Maroc » et « The School of Agriculture, University of Ghana », deux programmes de formations en ligne, respectivement, du 18 au 21 Juillet et du 26 au 29 juillet 2022.

A travers ces correspondances, AARDO invite le gouvernement Burkinabè à désigner pour chaque programme, 2 à 3 candidats pour y prendre part, avant le 13 juillet pour le premier et le 18 juillet pour le second, délais de rigueur.

Je vous prie d'agréer, Monsieur le Ministre, l'expression de ma haute considération.

PJ : 04

BURKINA FASO
Ministère des Affaires Etrangères, de la
Coopération et des Burkinabè de l'Exté.
Service Valise Diplomatique

Arrivée le 23 JUN 2022

Sous le N° 2631096-16

Aimé Yves BADO
Aimé Yves BADO
Chargé d'Affaires a. i.
Chevalier de l'Ordre du Mérite
BURKINA FASO
LE CHARGE
D'AFFAIRES A. I.
MÉRITE
INDE • 14 150



ORGANISATION
AFRIKAINE-ASIATIQUE POUR LE
DÉVELOPPEMENT RURAL

AFRICAN-ASIAN
RURAL DEVELOPMENT
ORGANIZATION

المنظمة
الأفريقية الآسيوية
للتربية الريفية

Cooperation for Sustainable Development

OFFICE OF THE
SECRETARY GENERAL

مكتب
الأمين العام

No. IEC/TRG/IAVNELGA/2022

17 June 2022

H.E. the Minister of Agriculture, Water Resources,
Sanitation and Food Security
Government of Burkina Faso
Ouagadougou
BURKINA FASO

**Subject: Online International Training Programme on
"Adaption of Optimize Water Resource Management for Sustainable Development",
at IAV Hassan II NELGA and CALTUR, Morocco, 18-21 July 2022**

Excellency,

I have the honour to inform Your Excellency that AARDO, in collaboration with the Agronomic and Veterinary Institute Hassan II NELGA and CALTUR, Morocco is organizing an online International Training Programme on "Adaption of Optimized Water Resource Management for Sustainable Development"; during 18-21 July 2022; exclusively for AARDO member countries:

The broad objectives of the programme are to sensitize to participants on :

- Integrated Water Resources Management (IWRM) and the IWRM concept as applied in Morocco;
- Water Management through the lens of hydrological issues;
- Water use efficiency to optimize water allocation and water production;
- Application of Building Information Modelling (BIM) in urban agriculture; and
- Digital transformation in agriculture by using information and communication technology (ICT), that assists farmers in production management

The course content, morefully described in attached brochure, would, inter alia, explore and analyse Integrated water resources management, Qualitative and quantitative hydrological modelling and water security, Building Information Modelling (BIM) and urban agriculture.

This e-training course has 8 sessions of 2 hours each and would be interactive on real time basis.

Essential Qualifications:

- Bachelor's degree with a minimum of three years' experience in the concerned field;
- Proficiency in English as the medium of instruction is English only; and
- Must be conversant with ICT and willing to undertake online training course.

It is hoped that Excellency's Esteemed Government will find the above mentioned e-training course useful and would kindly nominate 2-3 suitable candidates to attend this ONLINE Interactive training course.

Excellency may further note that :

The above e-training course would be conducted on Zoom as follows:

Duration/Days : Four Days (Monday to Thursday)
Session Timings : 14.00 to 16.00hours
{IST: Indian Standard Time (GMT+05:30)}
(Candidates to kindly check corresponding local time - zone)

The technical requirements to attend the online training programme are:

- The candidate/nominee must have a Zoom account (Zoom id)
- The Computer system should have sufficient space to run Zoom smoothly.
- Headset with Microphone & Web Camera


The nominees are kindly required to fill in the ONLINE application form through this link :
<https://aardo.org/formDD.php> .

The recommendations in favour of the nominees from the Ministry may kindly be forwarded to the AARDO Secretariat, latest by 13 July 2022. Thereafter, e-Pass will be issued to the selected nominees enabling them to attend the online-training course.

On completion of the e-training, Participants would be assessed/evaluated through interactive session for the award of e-Certificate.

Kindly accept, Excellency, the renewed assurances of my highest consideration.

Sincerely,



Dr. Manoj Nardeosingh
Secretary General

Encl: As Above

Copy forwarded to: -

The Permanent Secretary
Ministry of Agriculture, Water Resources, Sanitation and Food Security
Government of Burkina Faso
Ouagadougou
BURKINA FASO

H.E. the Ambassador Extraordinary and Plenipotentiary of Burkina Faso
New Delhi



ONLINE INTERNATIONAL TRAINING PROGRAMME ON

ADAPTION OF OPTIMIZED WATER RESOURCE MANAGEMENT FOR SUSTAINABLE DEVELOPMENT

18 - 21 July 2022



Caltur
Changement génial pour le futur™

Title of the Programme

Adaption of Optimized Water Resource Management for Sustainable Development

Sponsoring Organization

African-Asian Rural Development Organization (AARDO)
(www.aardo.org)

Organizer/Training Institute

Agronomic and Veterinary Institute Hassan II (IAV) (NELGA)
(<https://IAV.HussainII.NELGA>)

Caltur

(<https://caltur.ma/about-us/>)

Duration

**18-21 July, 2022,
04 week days (Total: 08 hours) with
2 hours session on each day**

Session Timings

**14:00 to 16:00 hrs
(Indian Standard Time GMT+5:30)
(Please Check Local Time Zone)**

Deadline for Application

13 July 2022

INTRODUCTION

In the realms of climate change impact, economic and population growth, and pollution, integrated water management is paramount in addressing water scarcity. Integrated water management was first proposed in the UN Conference on Environment and Development (UNCED) in Rio de Janeiro in 1992. Integrated water resource management is a meta-concept ranging from small watersheds to basins, agricultural systems, and national global policymaking. In this sense, the current e-training area of interest is the integrated resources management under climate change at the development level. The e-training focuses on water management through the lens of hydrological issues and water use efficiency to optimize the water allocation and water production, which can provide a solution at basins in which requirements exceed availability, called closed systems.

OBJECTIVES

Against the introductory backdrop, the e-training program aims at sensitizing participants on the integrated water resources management (IWRM) by showing how the IWRM concept is applied in Morocco. The e-training focuses on water management through the lens of hydrological issues and water use efficiency to optimize water allocation and water production. Introduction to application of Building Information Modelling (BIM) in urban agriculture. Furthermore, the e-training will focus on smart farming, that is digital transformation in agriculture using information and communication technology (ICT), that assists farmers in production management.

Course Content :

- Integrated water resources management
- Qualitative and quantitative hydrological modeling and water security
- Building Information Modeling (BIM) and urban agriculture
- Smart farming

PARTICIPATION

The training programme will be attended by experts, senior officials and individuals working in the relevant field in AARDO member countries. Resource persons from the host Institute and other institutions having rich experiences on the subject will be invited to share their experiences and expertise with the participants.

ESSENTIAL QUALIFICATIONS

- Bachelor Degree with a considerable working experience in planning and executing programmes related to the subject of the training;
- Must be conversant with ICT and willing to undertake an online training course

MEDIUM OF COMMUNICATION

The medium of communication is English only. The participants are expected to have a good working knowledge of English.

HOW TO APPLY



Log-on to the link:

<https://aardo.org/>



Fill up the details and submit.
Take print out of the filled in application form.



Applicants are required to sign their applications and send them along with the recommendation letter of the Nodal Ministry of AARDO/Centre of Excellence to our email: iec@aardo.org

REQUIREMENT

The Online Training Programme will be conducted through Zoom :

- The trainee must have a Zoom account (Zoom id)
- The other system is required to have sufficient space to run zoom smoothly.
- Headset with Microphone & Web Camera

CERTIFICATE

E-Certificate authenticated with the signature of H.E. Secretary-General, AARDO and concerned authorities will be provided after the successful completion of the training programme.

ABOUT THE ORGANIZING INSTITUTES

Institut Agronomique et Vétérinaire Hassan II-NELGA

The "Institut Agronomique et Vétérinaire Hassan II" (IAV), based in Rabat, Morocco, is one of the leading training and research institutions in the domain of land governance in Northern Africa. Within the IAV, the School of Geomatics Sciences and Topographic Engineering (SGIT – Sciences Géomatiques et Ingénierie Topographique) is continuously strengthening its curricula development in accordance to the Bologna process. The school has also developed an extended network within institutions, ministries, private sector and public agencies throughout the region. Against this background IAV has been selected as the regional Node for Eastern Africa. The regional NELGA node was established through a consultative workshop held in Rabat the 28 and 29 of March 2017. It is since then coordinated by SGIT.

The key activities of the NELGA Node and partner institutions in Northern Africa include:

- ✓ Development of a common strategy for scientific (land-related) research in Northern Africa
- ✓ Organization of continuous training program
- ✓ Establishment of a master degree in land governance
- ✓ Development of a Knowledge Data Base (KDB)
- ✓ Development of Sustainability and Control Quality (SCQ – regarding the long term sustainability of the network, knowledge dissemination and monitoring of NELGA-related activities)

CALTUR's vocation is to support structures, teams and individuals to achieve their objectives. Caltur offers:

1. strategy consulting,
2. organizational coaching
3. training
4. water infrastructure investment advisory through its business unit Caltur Water

Following several experiments with the clients, Caltur has developed the ability to combine two services in one, by adopting two stances that are difficult to reconcile in one situation: the Coach stance and the Consultant stance.

On the other hand, Caltur Water:

- provides water infrastructure's projects to investors and advise them on how to achieve the best financial return with the lowest risk:
- advises water infrastructure project's developers to optimize their projects and raise funds at the best conditions.
- supports operators in providing them with bankable water infrastructure projects

AARDO's Programme Coordinators:

Dr. Sanjeeb Behera
Head, IEC Division
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Mobile : +919810664507

Mr. Kamal Dhameja
Technical Officer
E-mail : kamaldhameja@aardo.org
Mobile : +918076448341

NOTE:

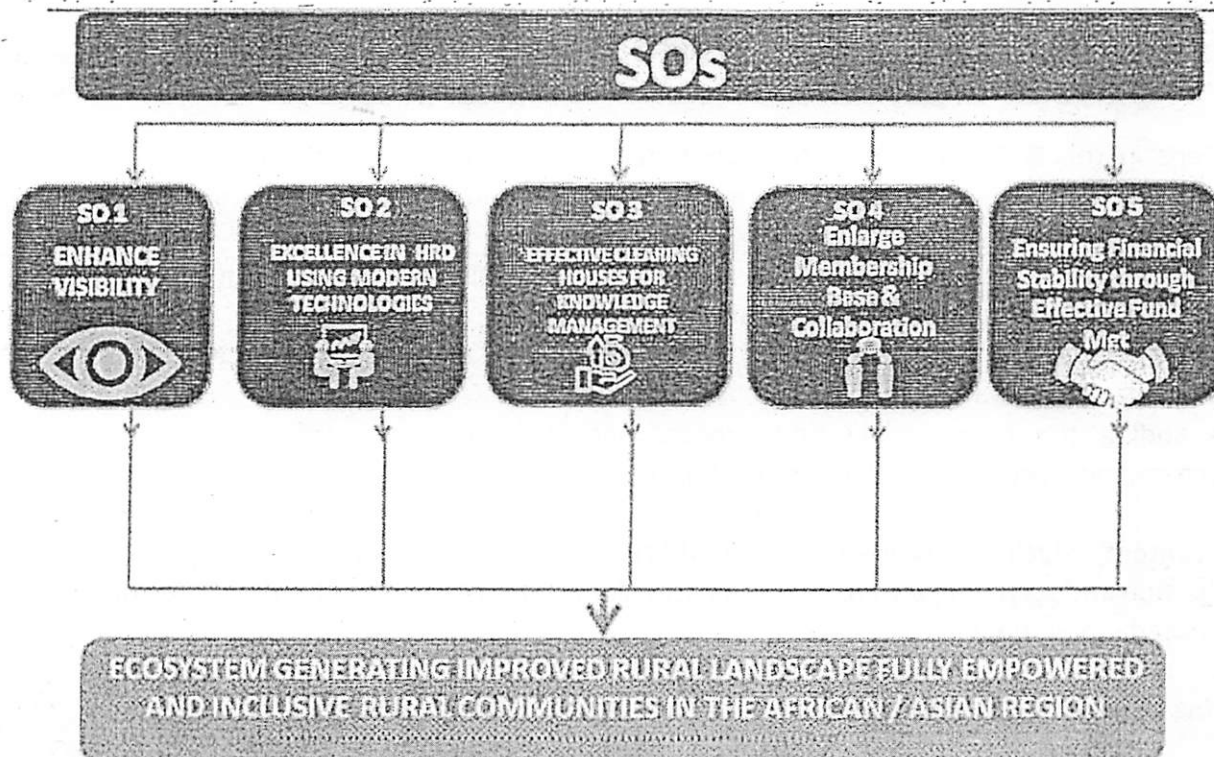
- i) Due to the limitation in the number of slots, only selected candidates would be intimated through the Nodal Ministry. The selected nominees will be required to attend all the live sessions of e-training.
- ii) At the end of e-training, all the trainees will be assessed/evaluated through a live interactive session for consideration of an e-Certificate.

AARDO STRATEGIC FRAMEWORK 2021-2030

The rural centric AARDO is implementing its strategic framework 2021-2030 towards sustainable agricultural and rural development in its member countries in Africa and Asia.

With the five enunciated strategic objectives enumerated hereunder AARDO will persevere to:

- be an indispensable facilitator of sustainable agricultural and rural transformation;
- be an ardent advocate of mainstreaming rural development issues;
- build up HRD capacities and leverage on partnerships for more resilience, vibrancy and buoyancy in rural communities;
- answer to the clarion call of stepping-up, speeding-up and scaling-up the transfer of innovations, affordable technologies and technological solutions to benefit AARDO Member countries.





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Cooperation for Sustainable Development

OFFICE OF THE
SECRETARY GENERAL

مكتب
الأمين العام

No. IEC/TRG/SOA/2022

17 June 2022

H.E. the Minister of Agriculture, Water Resources, Sanitation and Food Security
Government of Burkina Faso
Ouagadougou
BURKINA FASO

**Sub. : Online International Training Programme on
"Agri-Innovation and Technology Transfer for Sustainable Development",
at School of Agriculture, University of Ghana, Ghana on 26-29 July 2022**

Excellency,

I have the honour to inform Your Excellency that AARDO, in collaboration with the School of Agriculture, University of Ghana is organizing an online International Training Programme on "Agri-Innovation and Technology Transfer for Sustainable Development", during 26-29 July 2022, exclusively for AARDO member countries.

The broad objectives of the programme are to share and sensitize the participants on the followings :

- ✓ key steps in the innovation, research commercialisation process, research related to innovation activities and processes, and identifying opportunities for capturing value from research for transfer;
- ✓ procedures involved in protecting and managing Intellectual Property, through case studies and the legal framework underpinning these rights;
- ✓ Industry perspectives on the value of higher degrees in agricultural science, career possibilities and pathways; and
- ✓ understanding the commercialisation process and developing the skills to manage research and new product and service development.

The course content, which is described in attached brochure, would, inter alia, cover research commercialization and technology transfer, with particular reference to agricultural science and technology-based innovations

This e-training course has 8 sessions of 2 hours each and would be interactive on real time basis.

Essential Qualifications:

- √ Bachelor's degree with a minimum of three years' experience in the concerned field;
- √ Proficiency in English as the medium of instruction is English only; and
- √ Must be conversant with ICT and willing to undertake online training course.

It is hoped that Excellency's esteemed Government will find the above mentioned e-training course useful and would kindly nominate 2-3 suitable candidates to attend this ONLINE Interactive training course.

Excellency may further note that :

The above e-training course would be conducted on Zoom as follows:

Duration/Days : Four Days (Monday to Thursday)
Session Timings : 14.00 to 16.30 hours
{IST: Indian Standard Time (GMT+05:30)}
(Candidates to kindly check corresponding local time - zone)

The technical requirements to attend the online training programme are:

- The candidate/nominee must have a Zoom account (Zoom id)
- The Computer system should have sufficient space to run Zoom smoothly.
- Headset with Microphone & Web Camera

The nominees are kindly required to fill in the ONLINE application form through this link :

<http://aardo.org/formDD.php> .

The recommendations in favour of the nominees from the Ministry may kindly be forwarded to the AARDO Secretariat, latest by **18 July 2022**. Thereafter, e-Pass will be issued to the selected nominees enabling them to attend the online-training course.

On completion of the e-training, trainees would be assessed/evaluated through interactive session for the award of e-Certificate.

Kindly accept, Excellency, the renewed assurances of my highest consideration.

Sincerely,



Dr. Manoj Nardeosingh
Secretary General

Encl : As Above

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Ministry of Agriculture, Water Resources, Sanitation and Food Security
Government of Burkina Faso
Ouagadougou
BURKINA FASO

H.E. the Ambassador Extraordinary and Plenipotentiary of Burkina Faso
New Delhi



ONLINE TRAINING PROGRAMME ON
**AGRI-INNOVATION &
TECHNOLOGY TRANSFER
FOR SUSTAINABLE
DEVELOPMENT**

26 - 29 JULY, 2022

**AFRICAN-ASIAN RURAL DEVELOPMENT ORGANIZATION (AARDO)
NEW DELHI**

INTRODUCTION

Title of the Programme

**Agri-Innovation and Technology
Transfer for Sustainable
Development**

Sponsoring Organization

**African-Asian Rural Development
Organization (AARDO)
(www.aardo.org)**

Organizer/Training Institute

**School of Agriculture,
University of Ghana**

Duration

**26 - 29 July, 2022,
04 week days
(Total: 08 hours) with
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Time GMT+5:30)
(Please Check Local Time Zone)**

Deadline for Application

18 July 2022

Agri-innovation concerns new ways of doing things for increasing production (of food, fodder, secondary products) as well as enhancing quality (of produce, production process, growing conditions). Innovation has been an integral part of agriculture, which is requiring affordable, adaptable, innovation for sustainable growth of agricultural productivity to address food security, environmental sustainability, and economic development in the face of continuing population growth and climate change.

The innovation process also includes key components of research commercialization and technology transfer, with particular agricultural science and technology-based innovations.

In recent years, Innovations have also emerged with fourth industrial revolution tools, emerging technology breakthroughs in fields such as artificial intelligence, robotics, the Internet of Things, 3-D printing, nanotechnology, biotechnology, and bioenergy storage. Agricultural technology transfer methods, namely the household method; and the mass media method for successful implementation of this required, farmer-to-farmer methods using face-to-face demonstrations and for wider dissemination online/social media platforms could play an important role to sensitize farmers to adopting new agri-innovative technologies.

The developed agri - technologies required a formal framework for research, development, and transfer of technology from centres of discovery to implementation in the field. Thus, a clear understanding on how to nurture innovation, from concept through development and all the way to the end-user, brings sustainability to agriculture development.

In view of this, this programme has been designed to explain the comprehensive treatment of the complex processes involved in the development and transfer of agricultural innovation.

COURSE CONTENT

The broad scope of agriculture, the innovation process (from creativity to innovation), Ideas, Opportunities and Innovation, Technology Transfer (research results commercialisation and general modes), Understanding Intellectual Property, (managing IP) and Research Commercialisation (packaging research out for the market).

EXPECTED OUTCOME

The broad objectives of the programme are to share and sensitize the participants on the followings :

- ✓ Learners are introduced to the key steps in the innovation, research commercialisation process, learn how research relates to innovation activities and processes, and how opportunities for capturing value from research are identified and transferred.
- ✓ The course will give learners a working knowledge of procedures involved in protecting and managing their Intellectual Property through case studies and the legal framework underpinning these rights.
- ✓ Industry perspectives on the value of higher degrees in agricultural science, career possibilities and pathways are also covered.
- ✓ Participants will gain an understanding of the commercialisation process and develop the skills to manage research and new product and service development.

PARTICIPATION

Officers involved in Agri reforms in AARDO Member Countries, graduate students and academics in universities, commercialisation specialist staff from research institutes, and other staff from industry.

REQUIREMENT

The Online Training Programme will be conducted through Zoom :

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MEDIUM OF COMMUNICATION

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HOW TO APPLY

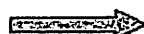


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Applicants are required to sign their applications and send them along with the recommendation letter of the Nodal Ministry of AARDO/Centre of Excellence to our email: iec@aardo.org

CERTIFICATE

E-Certificate authenticated with the signature of H.E. Secretary-General, AARDO, and University of Ghana School of Agriculture authorities will be provided after the successful completion of the training programme

ABOUT THE ORGANIZING INSTITUTION

The School of Agriculture (SoA), University of Ghana, formerly known as the Faculty of Agriculture, was established in 1959 and now has six (6) departments namely: (i) Department of Agricultural Economics and Agribusiness, (ii) Department of Agricultural Extension (iii) Department of Animal Science (iv) Department of Crop Science (v) Department of Soil Soil and (vi) Department of Family and Consumer Sciences. There are three research centres, namely the Forest and Horticulture Research Centre (FOHCREC) in Okumaning-Kade (Eastern region), the Soil and Irrigation Research Centre (SIREC) in Kpong (Eastern region) and the Livestock and Poultry Research Centre (LIPREC) in Nungua (Greater Accra region). The multi-disciplinary stance encourages collaborative approaches to research and teaching, thereby aiding the achievement of set objectives for national agricultural development through quality teaching, research and extension, and integrating system-wide innovations to realize tangible and practical results. SoA has about 2000 undergraduate and graduate students and about 120 full-time faculty and a wide range of part-time and experiential sharers to support the skill development.



**UNIVERSITY
OF GHANA**

AARDO's Programme Coordinators:

Dr. Sanjeeb Behera
Head, IEC Division
E-mail : sanjeebbehera@aardo.org
Mobile : +919810664507

Mr. Kamal Dhameja
Technical Officer
E-mail : kamaldhameja@aardo.org
Mobile : +918076448341

NOTE:

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AARDO STRATEGIC FRAMEWORK

2021-2030

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SOs

