

UNDER THE HIGH PATRONAGE OF HIS MAJESTY KING MOHAMMED VI MAY GOD ASSIST HIM



الوكالة الوطنية للتجهيزات الحقلية وصيد السمك والبحري
A.N.A.F.I.D.E.



المملكة المغربية
Royaume du Maroc
وزارة الفلاحة والصيد البحري
والتربية القروية والمياه والغابات
Ministère de l'Agriculture, de la Pêche Maritime
du Développement Rural et des Eaux et Forêts



AfroAgEng
PAN AFRICAN SOCIETY FOR
AGRICULTURAL ENGINEERING



ASABE
American Society of Agricultural
and Biological Engineers



Alliance for
Modernizing African
Agrifood Systems
ASABE

7th Conference

of the Pan African Society for Agricultural Engineering

Water Management for a Sustainable and Resilient Agriculture in Africa

22 - 24 OCTOBER 2025
FÈS MARRIOTT HOTEL



UNDER THE HIGH PATRONAGE OF HIS MAJESTY KING MOHAMMED VI MAY GOD ASSIST HIM



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MERCREDI 22 OCTOBRE 2025
WEDNESDAY 22 OCTOBER 2025

SALLE SENTAL-AMBER

8H00-10H00 INSCRIPTION

09H30-10H30 Session inaugurale

- M. Le Ministre de l’Agriculture, des Pêches Maritimes, du Développement Rural des Eaux et Forêts : M.Ahmed ELBOUARI
- M. Le Président de l’ANAFIDE : M.Aziz FERTAHI
- M. Le Président du Conseil Mondial de l’Eau: M. Louic FAUCHON
- M. Le Président de l’Association Panafricaine du Génie Rural PASAE: Pr Michael FABORODE
- M. Le Président Honoraire de la CIID : Dr Ragab RAGAB
- M. Le Représentant de Mme La Présidente de l’Association Américaine du Génie Rural et Biologique ASABE : Dr Lalit VERMA
- M. Le Président Honoraire de la CIID : Dr Felix REINDERS

Comité d’organisation de la séance d’ouverture

- Prof. El Houssine BARTALI-Vice-président de l’ANAFIDE
- Modérateur de la cérémonie d’ouverture
 - M.Youssef OUAKKA, membre du Bureau de l’ANAFIDE
 - Prof. Mohamed BENMOUSSA ,Vice-président de l’ANAFIDE
 - M.Farid ELKHCHAI,Trésorier Adjoint de l’ANAFIDE
 - M.Mohamed BOUAAM,Trésorier de l’ANAFIDE
 - M.Abdelhamid CHAREF, Secrétaire Général de l’ANAFIDE
 - M.Lotfi SENTISSI, Membre de l’ANAFIDE

10H30-11H30 Pause-Café Inauguration de l’Exposition

SALLE MUSK

SALLE JAKARANDA

SALLE CEDRE

11h30 - 13h00

SALLE SENTAL-AMBER

COMMUNICATIONS D’OUVERTURE- KEYNOTE

11H30-11H45

Gestion de l'Eau et Souveraineté Alimentaire dans un Contexte de ChangementClimatique au Maroc

- M. Zakria ELYacoubi ; Directeur de l’Irrigation Ministère de l’Agriculture, des Pêches Maritimes, du Développement Rural des Eauxet Forêts -(MAPMDREF)- Maroc

11H45-12H05

The Current and Future Gap between Water Supply and Demand and Possible Solutions to Narrow the Gap

- Dr Ragab Ragab Fellow-UK Centre for Ecology and Hydrology, CEH- Royaume Uni Principal Hydrologist & Water Resources Management Specialist, Président Honoraire de la Commission Internationale de l’Irrigation et du Drainage, CIID

12H05-12H25

Howtotake into account the Water-Energy andAgriculture Nexus in Africa

- Mr Vincent Castel, Chef de division agriculture et agro-industrie– Afrique du nord, Afrique centrale et Nigeria BanqueAfricaine de Développement Tunis

12H25-12H45

Advanced Drainage and Irrigation Technologies to support Agro-Environmental Sustainability

- Dr Chandra Madramoto Président Honoraire de la CIID- McGill University, Canada

12H45-13H00

Conservation Agriculture as a Climate-Smart Strategy to Improve Crop Productivity and Soil Health in Rainfed and Irrigated Drylands

- Mina Devkota, Krishna Devkota, Rachid Moussadek, Vinay Nangia International Center for Agriculture Research in DryAreas (ICARDA), Rabat, Morocco

SALLE MUSK

SALLE JAKARANDA

SALLE CEDRE

14h30 - 16h00

SALLE SENTAL-AMBER

Session A.1) Politiques et Cadres Réglementaires

14H30-14H45

Sustainable Agricultural Water Management in Africa

- FBReinders -Afrique du Sud Président Honoraire de la Commission Internationale de l'Irrigation et du Drainage, Afrique du Sud

14H45-15H00

Gestion des Ressources en Eau dans le Contexte des Changements Climatiques, Cas du Bassin Versant du Sebou

- M. Khalid Ghomari Directeur de l'Agence de Bassin Hydraulique du Sebou- Ministère de l'Equipement et de l'Eau Maroc

15H00-15H15

Structuration des projets de dessalement pour l'irrigation agricole en Partenariat Public-Privé (PPP): retour d'expérience du Maroc

- Tanji Rajaa ¹, Boutaibi Youssef ¹ ¹ Direction de l'Irrigation et de l'Aménagement de l'Espace Agricole, Rabat, Maroc Auteur répondant : Chef de Service de la Promotion et de la Mise en Place des PPP en irrigation DIAEA/MAPMDREF

15H15-15H30

Placing Health at the Heart of the WEF Nexus: A Framework for SustainableAgricultural Development in Africa»

- Zainab Ashkanani*, Rabi Mohtar, and Rashed Albatayneh. *Department of Biological and Agricultural Engineering Energy Institute -Texas A&M University USA

15h30-16h00

DISCUSSION

SALLE MUSK

Session B.1) Mobilisation de l'Eau

14h30-14h45

Dessalement : Etat de l'art -Solution pour l'Eau Potable et l'Irrigation-

- Pr Béchir Hamrouni, Président de l'Association Tunisienne de Dessalement-Facultédessciences de Tunis, Département de Chimie, 2092 Manar II-Tunis

14h45-15h00

Interconnexion des bassins et systèmes hydrauliques pour renforcer l'offre hydrique:cas du projet d'interconnexion Sebou – Bouregreg Direction de

- l'Irrigation (DIAEA) MAPMDREF Maroc

15h00-15h15

Public-Private Partnerships in Seawater Desalination for Irrigation in Morocco: Insights from the Chtoukaand Dakhla Projects

- Mohammed ELHABNOUNY1,2 *, Salma OUDRHIRI 2 , Youssef MENCHAFOU1 , Aouatif SAAD1 1 ASELab, Advanced Systems Engineering Laboratory, National School of Applied Sciences, Ibn Tofail University, Kenitra, Morocco. 2 Directorate of Irrigation and Management of Agricultural Land, Moroccan Ministry of Agriculture, Fisheries, Rural Development, Water and Forests

15h15-15h30

-Analyse multicritère pour la gestion intégrée des ressources en eau d'irrigationdupérimètre de Chtouka

- Bourziza1**, Boularbah1, El Fellah1, El Khoumsi1, Ramdi2 1.IAV Hassan II, Rabat -2 ORMVASM, Agadir Maroc

15h30-16h00

DISCUSSION

SALLE JAKARANDA

Session C.1) Changements Climatiques

14H30-14H45

The impact of climate change on food security in Nigeria: challenges, trends andadaptive strategies

- Etim Ime, Ossom Inimfon S, Ekpo Abasiama, and Akindele Folarin Alonge Department of Agricultural and Food Engineering Faculty of Engineering - University of Uyo, Uyo , Nigeria

14H45-15H00 Online Speaker

Problème d'eau et changements climatiques sur les sites de Dogueraoua (Tahoua-Niger) : mesures circonstanciellles et stratégies développées par les irrigants

- Ing.Dr Yerima Bako Djibo Aboubacar Maitre-Assistant des Universités CAMES -Université de Tahoua, BP. 255,Niger - GénieRural-Hydraulique-Irrigation et Maitrise de l'Eau

15H00-15H15 Online Speaker

A Novel Resilience Assessment Approach of Farmers in Senegal in Various EconomicStandings and Climate Conditions

- Kieron Moller a,* , A. Pouyan Nejadhashemi a,b,c , Mohammad Tirgaris a , MuhammadTalhaa,d , Nilson Vieira Junior e , Ana Julia Paula Carcedo f, Ignacio Ciampitti g , P. V. VaraPrasadh , Amadiane Diallo

15H00-15H15 Online Speaker

Hydrodynamic Study of Qaroun Lake for Sustainable Use Under Climate Change Challenges, El-Fayoum Governorate, Egypt.

- N. E. Eltahan 1, I. A. Gaafar 2, Communication en LIGNE A. I. Eldor 3, H. M. Moghazy 4

15H30-15H45

The exploitation of Kuwait's brackish groundwater: a need for sustainable management to secure agricultural water supplies

- Dr. Amjad Aliewi*, Dr. Adel Al-Haddad, Hydrgeol. Tariq Rashid

SALLE CEDRE

Session D) SESSION SPECIALE ANAFIDE-RWA-IWMI Réutilisation des Eaux Usées Epurées en Agriculture

14H30-14H40

Introduction

- Previous cooperation activities undertaken on the subject of REUSE
 - IWMI and ANAFIDE

14H40-15H00

REUSE: Défis et Perspectives

- Dr Ehssan El Meknassi

15H00-15H15

Unlocking market potential for wastewater reuse

- Joshua Bryant and Vincent Casey

15H15-15H30

Assessment of Irrigation with Treated Wastewater: Growth Response of Olive and Pomegranate and Implications for Soil and Irrigation Systems

- W. El Khoumsi ; R. Bourziza ; H. Nedach ; H. EL Amrani ; S. Boularbah

15H30-15H45

Analyzing the effects of treated and untreated wastewater on growth and yield development of upland rice under drip irrigation in Nigeria

- Aladeloye I. M., Adedapo A. M., Olatunji I. O., Oshifisan F., Edobor V. A., Odafi W. K.,

15H45-16H00

DISCUSSION

16h30 - 18h00

SALLE SENTAL-AMBER	SALLE MUSK	SALLE JAKARANDA	SALLE CEDRE
SessionA.2) Politiques et Cadres Réglementaires 16H30-16H45 Le programme PADIDZAR : levier pour un développement Inclusif et durable de la petite agriculture irriguée au Maroc Assistance Technique DIAEA (Maroc) - Mme Latifa Barakat Chef de Division DHAàlaDIAEA- Chef de l’UGP PADIDZAR 16H45-17H00 Rethinking Water Governance through Adaptive Investment Pathways Lens:Insights from Small holder Irrigation development along Sand Rivers in Southern Zimbabwe - Moline Chauruka 1,2 1 Department of Irrigation Development, Harare, Zimbabwe 2 Department of Soil Science and Environment, Harare, University of Zimbabwe, Zimbabwe 16H45-17H00 Environmental Impact of the Dam at National Root Crops Research Institute Umudike Nigeria - Joseph C. Adama and 2 James Emmanuel 1Department of Agricultural and Bioresouces Engineering, Michael Okpara University of Agriculture, Umudike–Nigeria 15h30-16h00 DISCUSSION	Session B.2) Nouvelles Technologies 16H30-16H45 Online Speaker AIoT (Artificial Intelligence of Things)-Based In-Field Monitoring System for Precision Irrigation Management - Younsuk Dong, Ph.D Assistant Professor and Irrigation Specialist Department of Biosystems & Agricultural Engineering Michigan State University - USA 16H45-17H00 -NISAR High-Resolution (200 m) Global Soil Moisture and its Application in Hydrology and Agriculture - Narendra N. Das 1, Gurjeet Singh, Preet Lal, R ajat Bindlish, Suengbum Kim, and Rowena Lohman -Michigan State University - USA 1-Associated Professor at MSU 17H00-17H15 -Evaluation of Artificial Neural Network Models for LongTerm Reference Evapotranspiration Prediction Under Climate Variability in Akwa-Ibom State, Southern Nigeria - Eludire OOa , Faloye OT b , Unanam I a , Patrick Ga , and Ogbene Fa a Department of Agricultural and Bioresources Engineering, University of Calabar, Calabar PMB 1115, Nigeria b Department of Water Resources Management and Agrometeorology, Federal University, Oye-Ekiti, Nigeria 17H15-17H30 -Rapid prediction of Pb and Hg traces in Water and Cocoa Beans using on PH-optimized GO-Au@Ag fabricated SERS-nanosensor	Session C.2) Changements Climatiques 16H30-16H45 Online Speaker Redefining Farmer Resilience with Innovative Quantification Approaches - Kieron Moller a,* , A. Pouyan Nejadhashemi a,b,c , Mohammad Tirgaris a, MuhammadTalha a,d, Nilson Vieira Junior e, Ana Julia Paula Carcedo f, Ignacio Ciampitti g, P. V. Vara Prasad h , Amadiane Diallo I 16H45-17H00 Online Speaker Livestock Systems in Senegal From Current Realities to Future OpportunitiesOnline presentation - Rasu Eeswaran a,* , A. Pouyan Nejadhashemi a, b,c , Aliou Faye d, Doohong Mine, P.V. Vara Prasade, Ignacio A. Ciampitti f 17H00-17H15 Online Speaker Livestock Systems in Senegal From Current Realities to Future OpportunitiesOnline presentation - Rasu Eeswaran a,* , A. Pouyan Nejadhashemi a, b,c , Aliou Faye d, Doohong Mine, P.V. Vara Prasade, Ignacio A. Ciampitti f 17H15-17H30 Online Speaker Upgrading Regional Food Policies for Improving Senegalese Farmer Welfare» - Mohammad Tirgari A. Pouyan Nejadhashemi, Biological and Agricultural Engineering Department - Michigan State University -	

18h30 - 20h00

SALLE SENTAL-AMBER

SALLE MUSK

SALLE JAKARANDA

SALLE CEDRE

Session C.2) Changements Climatiques

18H30-20H00 Online Speaker

Réunion du Bureau de l'Association Panafricaine du
Génie Rural PASAESuivie de

l'Assemblée Générale de la PASAE (en mode hybride)

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JEUDI 23 OCTOBRE 2025
THUESDAY 23 OCTOBER 2025



09h00 - 10h30

SALLE SENTAL-AMBER

Session E.1)Economie d’Eau

09H00-09H15

Towards achieving sustainable agriculture in Africa and future actions needed

• Dr Mohamed Shehata WAHBA Vice Président Honoraire de la CIID, Emeritus Reseacrher - DRI, NWRC, MWRI-Egypt

09H15-09H30

Contrat de gestion participative de la nappe Fès-Meknès, dans le contexte de changements climatiques

• Mme Leila MISANE, Secrétaire Générale de l’ABH du Sebou

09H30-09H45

Gestion de l'irrigation et la mobilisation des eaux dans les zones oasiennes, cas des oasis du moyen Drâa.

• Abdelaziz AIT MBIRIK 1, Abdelilah TARGUI 2, Atman BOUYGHF 2

09H45-10H00 Online Speaker

Toward Sustainable Irrigation Water Management for Date Palm Cultivation in Tunisian Oases Online presentation

• Dr Latifa Dhaoudi Regional Research Center for Oasis Agriculture,

09H45-10H00

Modernisation des réseaux d’irrigation : Cas du Projet Garet ORMVA de la Moulouya -Maroc

10h00-10h30

DISCUSSION

SALLE MUSK

Session F.1) Systèmes Agroalimentaires et Energie

09H00-09H15

Efforts to Reduce Water Usage in Food Process Operations

• Dr Kumar MALLIKARJUNAN

09H15-09H30

Agri-Food Systems and Energy Professor

• Lalit Verma

09H30-09H45

Some rheological and frictional properties of yam flour (dioscorea rotundata)

• Tom, Emmanuel Emmanuel, Alonge Akindele Folarin and Ossom, Inimfon Samuel

09H45-10H00

Consumer dynamics of organic foods among urban households in Africa: A systematic review

• Juliet Nambuubi

10H00-10H15

Effects of formulation and process variables on the density of briquettes from sheanut shells

• Aliyu M1., Ahmed S. T1., Mohammed I. S1., Osunde Z. D1., Dorcas Tinuke Ezekiel-Adewoyin2., Cynthia Kusin Okoro-Shekwaga3, Rabi Isa4, Isah Abubakar Garba4, Olanrewaju Taofiq Olayinka5-

10h15-10h30

DISCUSSION

SALLE JAKARANDA

Session G.1) Entrepreneuriat et Transfert de Technologie

09H00-09H15

Experience from the field – Scaling hard agtech for small growers at the bottom of the pyramid

• Dr Klein Illeleji Co-chair, ASABE/AMAA

09H15-09H30 Online Speaker

Developing a solar-drip irrigation based agricultural service provider (asp) business model»

• Ajit Srivastava1 , Ranjani Krishnan 2 , Abel Girma3 , and Vinsoun Millogo 4 1Professor, Biosystems and Agricultural Engineering, Michigan State University, 2Professor and Associate Dean, Broad College of Business, Michigan State University,

09H30-09H45

Beyond the Mirage: Navigating Water-Business Risk Pathways Through Stakeholder Priorities in Morocco's Export Agriculture—A Multi-Dimensional Max Diff Analysis

• Ismail Elhassnaoui1 , Wafae EL Harraki2 , Rajaa Tangi3 , Youssef Brouziyne 4 , Justina Muchelenje 1 , Charles Wight1 , Meriem Boumkhakh 5 , Youssef Zayeh 5

09H45-10H00

Adaptation du système californien aux conditions rurales africaines

• M. JEBBOUR Said, Ingénieur de Génie Rural, Maroc, Consultant International

10H00-10H15

Evaluation of a Single-Cylinder Compression Engine using Giant Palm Biodiesel Blends for Sustainable Energy

• R. A. Busari*, K. R. Adebayo, A. Fadeyibi and A. T. Opobiyi1

10h15-10h30

DISCUSSION

SALLE CEDRE

Session H.1) Conservation des Eaux et des Sols

9H00-9H15

-Repenser les systèmes irrigués face aux défis du climat : leviers pour une agriculture résiliente et durable

• Mme Ehssan EL MEKNASSI Yousseoufi, Consultante, Coordinatrice méditerranée du

COSTEA- Comité Scientifique et Technique Agricole - Montpellier -France

9H15-9H30

-Partial Root Zone Drying Irrigation System (PRD) for Water Conservation in Potato and Cucumber Crops

• Ibrahim Louki and Abdulrasoul Al-Omran

9H30-9H45

-Microbiological Water Quality Assessment in Rice Agroecosystems in Central coastal region of Portugal

• I. M. Duarte, Paula Amador, T. Vasconcelos Polytechnic Institute of Coimbra, Coimbra Agriculture School-Portugal

9H45-10H00

-Land Reclamation in Lithuania

• Dr. Otilija Miseckaite Researcher at Vytautas Magnus University, Lithuania

10H00-10H15 Online Speaker

-Enhancing Water Resources Decision Making Potential in Data Scarce Areas: case study of the Sasumua River Watershed Margaret W. Gitau* and Victoria M. Garibay

*Professor of Agricultural and Biological Engineering

10H15-10H30

-Influence of Rice Flooding Irrigation on Antibiotic Resistance: Case Study in Central Portugal

• Amador, I. M. Duarte, T. Vasconcelos

11h00 - 12h30

SALLE SENTAL-AMBER

Session E.2)Economie d’Eau

11H00-11H15

Evaluation des Performances Physiologiques et Agronomiques de plusieurs Variétésd’Aubergine Cultivées sous les Conditions de Pénurie d’Eau d’Irrigation.

- Dina MAACHI et Kamal ABERKANI* 1 Faculté Pluridisciplinaire de Nador, Université Mohammed Premier, Selouane, Maroc

11H15-11H30

Resource Utilization Efficiency of Plant-based Protein Extractions

- Farzin Eslami; Chinwendu Eze; Ebenezer M. Kwofie; Michael Ngadi Department of Bioresource Engineering, McGill University, Montreal, Canada.

11H30-11H45

Paddy rice farm practices assessment aiming water resources protection. Applicationof monitoring technologies at Lower Mondego, Portugal

- J. M. Gonçalves, V. Carantino, L. Pascal, M. Nunes, R. L. Pato, S. Oliveira, O. Filipe, C. Santos, F. Melo, T. Vasconcelos, J. Hastwell, H. Phan

11H45-12H00

Amélioration de l’efficience et réduction des coûts de la maintenance des réseaux de distribution en canaux portés

- Mr JEBBOUR Said, Ingénieur de Génie Rural, Maroc, Consultant International

12H00-12H15

-Economie d’eau d’irrigation dans les canaux de transport a travers la réadaptationdes modes de régulation existants

- Mr JEBBOUR Said, Ingénieur de Génie Rural, Maroc, Consultant International

12h15-12h30

DISCUSSION

SALLE MUSK

Session F.2) Systèmes Agroalimentaires et Energie

11H00-11H15

Modelling and Optimization of Biodiesel Production

- Transesterificationof Mahogany (Khaya senegalensis) seed oil using central composite design (CCD) Methodology Usman D. D* 1,21, 2 , O. U. Dairo 33, B. G. Jahun 22 and O. J. Adeosun

11H15-11H30

Impact of Moisture Sorption Properties on the Design of Storage Facilities for Moringa Seed under Water-Stressed Conditions

- Akintola, A.,1* Aremu, A. K. 2 , Oyefeso B. O. 2 and SiyanbolaA. A. 1

11H130 -11H45

Development of 3G Rice-Soy Snacks: Effects of Extrusion and Frying ConditionsonPhysical, Chemical, and Thermal Properties

- M. S. Sanusi, A. B. Bello, M. A. Salako, I. O. Ibrahim, T. B. Olaniran, M. O. Sunmonu

11H45 -12H00

Evaluation of a Single-Cylinder Compression Engine using Giant PalmBiodiesel Blends for Sustainable Energy

- R. A. Busari*, K. R. Adebayo, A. Fadeyibi and A. T.

12H00 -12H15 Online Speaker

Design of a solar-powered portable cold room with phase change materials, mountedon a three-wheeled motorbike.

- Ms Michelle Gathii

12h15-12h30

DISCUSSION

SALLE JAKARANDA

Session G.2)Entreprenariat et Transfert de Technologie

11H00-11H15

Development and Evaluation of low-cost digital technology for Smart Management of Cereals Grains Storage Performances

- A. El Aissaoui*, T. Bouali, A. Harkani, H. Bartali

11H15-11H30

Evaluation of Soil Moisture Sensors and IoT - Technologies for Low-Cost precisionIrrigation - Monitoring in Sorghum and Wheat Fields: A Semi Arid Context of Morocco

- Assia. Harkani*, H. Ouhemi, H. Hajjaj, T. Benabdelouahab, Gaillard, P. Congduc, A. El Aissaoui

11H130 -11H45

Intelligent Analysis of NDVI Data from Drones using Remote Sensing andMachineLearning Methods Applied to Agriculture

- H.Hajjaj ; B.Alaoui ; A.Harkani; M.Nabil; K.Ibno Namr; K.Makroum ; and A. EL Aissaoui

11H145 -12H00

Intelligent Analysis of NDVI Data from Drones using Remote Sensing andMachineLearning Methods Applied to Agriculture

- H.Hajjaj ; B.Alaoui ; A.Harkani; M.Nabil; K.Ibno Namr; K.Makroum ; and A. EL Aissaoui

12h00-12h30

DISCUSSION

SALLE CEDRE

ICARDA-ANAFIDE side-event program,

“Use of Green Energy in Sustainable Agriculture Water Management in Africa.”

10H30-10H35

Welcome and Opening Remarks

- Dr. Krishna Devkota, Soil-Water-Agronomy Team, ICARDA

10H35-10H50

Green energy transition for realizing water security

- Prof Chandra Madramootoo, PH ICID; Univ McGill University

10H50-11H05

Smartphone Applications for Efficient Water Use and Reduced Initial Costs of Green Energy

Eng. Anas Mansouri Private Sector

11H05-11H20

Green Energy Generation and Water Rationalization on the Farm Level

- Dr. Mohie El Din Omar

11H20-11H35

Water–energy challenges and green pathways for sustainable agricultural

development in North Africa **Online Speaker**

Dr. Mohamed Naouri

11H35-11H50

The Role of Green Energy within the Water-Energy-Food, WEF Nexus : Towards Efficient Water and Energy Use Efficiencies and Securities

Prof. Ragab Ragab, Président Honoraire de la CIID

11H50-12H00

ICARDA innovations on soil and water management for resilient drylands

Dr. Krishna Devkota, Soil-Water-Agronomy Team, ICARDA

12H00-12H10

Q & A and Way forward: (Group discussion)

How sustainable water management technologies can be integrated into policy institutionalization

12H10-12H15

Wrap up

Dr. Mohie El Din Omar

14h00 - 18h30

SALLE SENTAL-AMBER

14H00-16H30 Online Speaker

- 14h00-16h30 Session Spéciale AMAA

17H00-18H00

- RECOMMENDATIONS

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VENDREDI 24 OCTOBRE 2025
FRIDAY 24 OCTOBER 2025



08H00

VISITE 1- 8h30-15h00 DEPART du Bus à partir du Marriott hôtel à 8h30
Nouveau périmètre d'irrigation équipé en goutte à goutte, réalisé dans le cadre du projet de sauvegarde de la plaine du Saïss prenant l'eau d'irrigation à partir du barrage de Mdez.

VISIT 2- 8h30-15h00 Départ des Bus à partir du Marriott hotel à 8h30
Station de Traitement des Eaux Usées STEP Boues activées - Système d'approvisionnement de la grande agglomération de Fès en eau potable

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Présentation Entreprise

Projet Entreprise

2030

