

EN MARGE DE LA 5^{ème} CONFERENCE REGIONALE AFRICAINE PLACEE SOUS LE HAUT PATRONAGE DE SA MAJESTE
LE ROI MOHAMMED VI QUE DIEU L'ASSISTE

**Premier Atelier des Jeunes Africains Professionnels de l'Eau sur le thème
«Technologies Avancées d'Irrigation et de Gestion des Ressources en Eau»
1st African Young Water Professional Workshop**

“Advanced Irrigation Technologies and Water resources management”

KENZI Rose Garden Hotel

Toubkal Room

Convenors: ANAFIDE, ICID, AFWG, CNCID and AARDO

Chair : Dr.Ahmed Al Siddig (Soudan)

Co-Chair : Dr.Eman Ragab (Egypt)

Rapporteurs: Eng. Adey Nigatu Mersha (Ethiopia), & Dr. Saloua Elfanssia (Morocco)

11h00 - 11h05

Opening remarks by Chair

11h05 - 11h15

P1: Intelligent system for the monitoring and detection of soil elements for sustainable management of irrigation for agricultural resistance. By

Jamal MABROUKI, Loubna BOUHACHLAF, Ismail KARAOUI, Ines GASMI, Ahmed AL-SIDDIG, Souad EL HAJJAJ

11h15 - 11h25

P2: UAV sensing to enhance diagnostic decision making in plant protection. By **W. Mokhtari a, M. Achouri a, N. Chtaina b, M. Wahba**

11h25 - 11h35

P3: Evaluation of the models AquaCrop, CropSyst and WOFOST in the simulation of ground turnaround in the region Beni Ikhlef Mohammedia-MOROCCO. By; **BOUHACHLAF Loubna, Jamal MABROUKI1, Ismail KARAOUI2, Ines GASMI, Ahmed AL-SIDDIG, Souad EL HAJJAJ**

11h35 - 11h45

P4: Assessment of Environmental, Engineering and Social Aspect of Water Problems in Sudan. By **Safaa Abdelwahab Mohammed Idriss**

11h45 - 11h55

P5: The national water irrigation saving program in the Region of Haouz -Marrakech, Morocco. By: **AMAHROQ Othmane**

11h55 - 12h05

P6: Effect of using wastewater in irrigation on Soil properties and agro-physiological responses of Medicago sativa L. By **Saloua Elfanssia, Laila Mandia, Mohamad A S Wahba, Nailaa Ouazzania, LahbibLatracha**

12h05 - 12h15

P7: STRATEGIE POUR L'AMELIORATION DE LA GESTION DE L'IRRIGATIONEXPERIENCE TUNISIENNE By **Fatma MESSAOUDI**

12h15 - 12h25

P8: Local adaptations under Tunisian oasis climatic conditions: Characterization of the best practices in water agricultural sector. By **Dhaouadi L, Karbout N, Zammel K4 Wahba M A S., Abdeyem S**

12h25 - 12h35

P9: Is rainwater harvesting a key solution to water scarcity in Semi-Arid Sub-Saharan Africa?. By **Sinafekesh Girma Wolde**

12h35 - 12h45

P10:Impacts of rainfall and temperature changes on smallholder agriculture in the Limpopo Province, South Africa .By **Sydney Shikwambana, Ntokozo Malaza and Karabo Shale**



12h45 - 14h00

LUNCH/DEJEUNER