

9th Issue



ACWUA

الجمعية العربية لمرافق المياه
Arab Countries Water Utilities Association

GLOBAL CENTER OF EXCELLENCE

ACWUA Newsletter

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Introduction

Welcome to our latest newsletter *_the ninth edition_* all of which we hope have helped to keep you updated on our latest news and provide you with vital information pertaining the water sector in the Arab countries.

Since its official launch in 2009 at Amman, Jordan; ACWUA has expanded its membership network to reach more than 100 utility members from 18 Arab countries, in addition to private sector companies, NGOs and academic institutions along with more than 190 individual members. Furthermore, ACWUA has also developed important partnerships with several international organizations and donors, introducing potential opportunities to its members.

In order to sustain knowledge sharing with our esteemed members and partners, we trust this newsletter *_the first in 2018_* be useful to you and your organization in comprehensively projecting the latest regional and international development in the water sector, and presenting ACWUA's activities including the preparation of the 5th Arab Water Week and Trenchless Arabia Conference and Exhibition, which will be held during 3–7 March, 2019 in the Dead Sea, Jordan.

Sincerely Yours,

Eng. Khaldon H. Khashman

ACWUA Secretary General

ACWUA Policy

ACWUA, as a global center of excellence, will work in partnership with water and wastewater utilities in the Arab countries, on building capacities within the utilities, and on instituting best practices within a high quality level.

Quality is herein defined as conforming to the requirements and specifications in all matters of training, technical Support (projects management, research & studies) and events management in the field of water and wastewater. Thus ACWUA is committed to meet ISO9001:2015, ISO14001:2015, OHSAS 18001:2007 standards requirements. In addition to, environmental protection, preservation of injuries and other legal requirements.

We committed to achieve this through continual improvement by planning and implementing specified and measurable quality objectives and activities to achieve members and other interested parties' satisfaction.

We also recognize the importance of the entire company working within this policy and will ensure all aspects of this policy are communicated to our employee's on a regular basis and the measurable objectives are regularly communicated and updated.

Eng. Khaldon H. Khashman

ACWUA Secretary General



ACWUA Vision

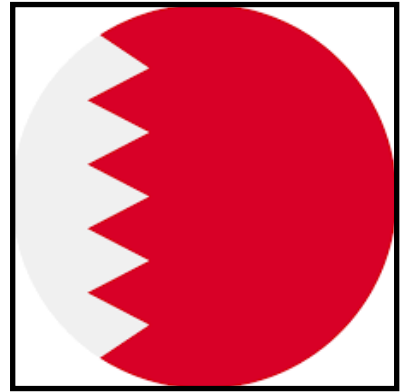
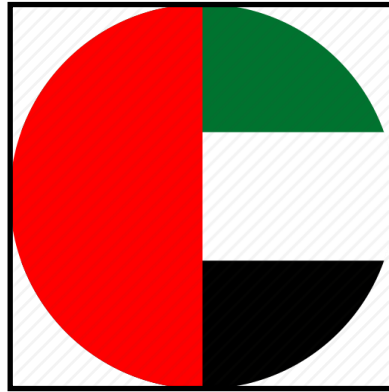
ACWUA, as a global center of excellence, will work in partnership with water and wastewater utilities in the Arab countries, on building capacities within the utilities, and on instituting best practices, in order for the utilities to achieve their objectives.

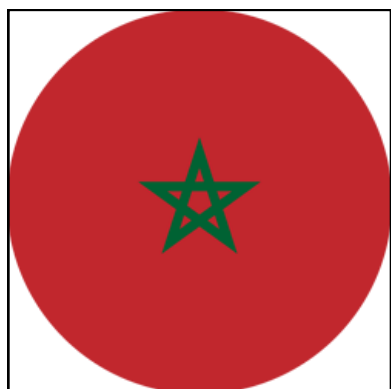
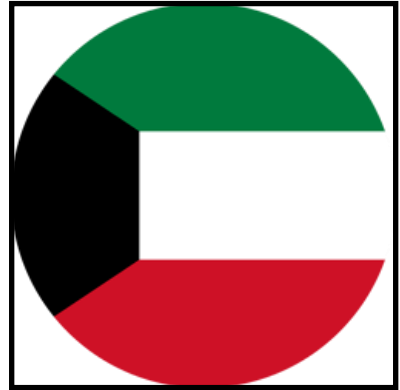
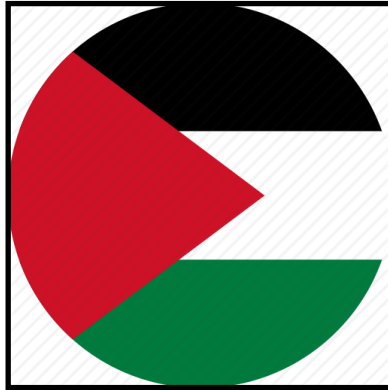
ACWUA Mission

ACWUA provides its services to its members in the Arab region relying on its own resources and on the competencies inherent within the member utilities, with the objective of providing them with technical support to develop their performance in managing and producing and supplying water and wastewater services, taking into consideration their technical and professional needs—all this through:

1. Operating as a regional platform and expanding internationally, to exchange knowledge between members and experts in the water and wastewater sector.
2. Developing resources and implementing training programs and professional O&M licensing and accreditation programs to support the members in carrying out their missions and tasks in a professional reliable manner with the least costs possible.
3. Developing and applying specifications and standards in the areas of water governance, utilities management and O&M in water and wastewater utilities.
4. Responding to the technical needs of the members through providing advisory services in various aspects that are related to the operations of the utilities through developing a data bank for technical expertise available in the Arab region, and engaging working groups composed from those utilities for this purpose.
5. Developing and publishing documents, guides, reports and scientific content that is responsive to the needs of the members and sector experts, all the while considering the regional context and challenges that are faced by the utilities.

Countries Members





ACWUA Success in ISO Audit

In collaboration with the SGS-Jordan, ACWUA received its first surveillance audit during 20-22 February, 2018. The outcome of this audit was very encouraging and demonstrated ACWUA's commitment to excellence.

Bearing in mind that ACWUA attained the Integrated Management System Certificates, which includes ISO:9001, ISO:14001 and OHSAS 18001, in February 2017.



Fifth Arab Water Week 2019

"Towards Sustainable Development in Water and Sanitation"

3 - 7 March 2019

King Hussein Bin Tala Convention Centre

Dead Sea, Jordan



The Arab Water Week (AWW) is an international meeting in the Arab region which tackles water management issues through establishing innovative partnerships and platforms of collaborative work on water issues in the region. The importance of this meeting lies in providing a platform for greater coordination among the existing network of key stakeholders active in the water sector in the region.

The Arab Water Week (AWW) does not only provide an opportunity to enhance communication flows, synergies and the sharing of successful experiences, but as well, it will facilitate the creation of new partnerships that complement and maximize the impact of on-going work in this sector for the benefit of all countries in the region.

The Conference and Exhibition (3 - 5 March) will provide a broad technical presentations and a policy-based program, along with the specialized exhibition targeting water supply and wastewater vendor's and other service providers in the water sector.

Trenchless Arabia Conference and Exhibition In Conjunction with 5th Arab Water Week



Trenchless Arabia is an international conference and exhibition promoting condition assessment (cctv inspection and leak detection), ground penetrating radar (gpr), cured in place pipe (cipp) lining, close-fit sliplining, horizontal directional drilling (hdd), pipejacking, pipe bursting, auger boring, microtunnelling and several other trenchless techniques. Rehabilitation or new installation of underground utilities is possible with trenchless techniques which bring crucial advantages such as minimum surface excavation, less environmental damage, shorter construction period and less social cost.

Winning Proposals

- Performance wastewater reuse in the MENA region: addressing the challenges.

<i>Funded by</i>	<i>Partner with</i>
 Sida	 International Water Management Institute

Ongoing Proposals

- Strengthening capacities for wastewater management .
Donor by GIZ—Jordan.
- Technical assistance for water governance and capacity building of Jacobabad municipality.
Funded by USAID - Pakistan.
- Tetra Tech ARD request for proposal, entitled “certification program for water / wastewater for the water sector and utilities in Jordan”.
Requester: WMI Project/ USAID Project.
- Water integrity system.
Requester by Siemens Integrity Initiative.
- Training program to improve the capacity of MIYAHUNA & WAJ staff on accountability systems in ZARQA AND BALQA governorates.
Requester: Oxfam.
- Strengthening Capacities for Wastewater Management" (CWWM) supports the Jordanian Government.
Funded by GIZ
- Sanitation Safety Plan.
Funded by SDC.

Signed MoU's and Agreements

1. Istanbul Metropolitan Municipality-Istanbul Water and Sewerage Administration (ISKI) - **Turkey.**



2. Torencon Engineering and Consulting Ltd. (TORENCON) - **Turkey.**



3. Urban Sector Planning & Management Services Unit (Pvt.) Limited - **Pakistan.**



New Projects

- **Non-Revenue Water (NRW) reduction plan, knowledge sharing workshop and water utility management training in Jordan**

This Project applying on the Jordan.

This Project Funded by



- **Managing Water Utilities Crisis**

This Project applying on Jordan, Iraq, Yemen Palestine

This Project Funded by



- **Jordan: Water Sector Benchmarking - Phase II Regional Programme**

This Project applying in Jordan

This Project Funded by Europe Bank



- **Preparation of a long term (2019-2029) strategic plan for PWON**

This Project applying on Pakistan.

This Project Funded by



- **Performance Based Contract for Sewerage Revenue Improvement on Irbid Governorate**

This Project applying on Jordan.

This Project Funded by

<i>Donor by</i>	<i>Partner with</i>
 Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	ARABTECH JARDANEH Define . Design . Deliver

Certification Training Courses

1. Training course was implemented from 19 February – 2 March, 2018

Under the auspices of The Development Alternatives, Inc. (DAI), and in cooperation with the Arab Countries Water Utilities Association (ACWUA) the “Water Distribution Operator - Level 1” certification course were conducted for 15 Lebanese participants in order to enable them to take an operational role in their utilities.



The trainees have introduced themselves to create a friendly atmosphere between the trainees and the organizers, as well as between the trainees themselves.

The training courses took place in Commercial, Industrial and Agricultural Chamber – Saida - Lebanon in adequate and fully equipped hall.

The training hall shall meet the requirements of CAQA in terms of the size of the hall to accommodate the trainees comfortably, general conditions (windows and day light), equipment and others. The training hall need to be providing comfortable atmosphere for the trainees and the trainer.

**Funded by Lebanon Water Project (LWP),
DAI – USAID.**



2. The training course was implemented from 16 -26 April, 2018.

Under the auspices of The Development Alternatives, Inc. (DAI), and in cooperation with the Arab Countries Water Utilities Association (ACWUA) the “Wastewater Treatment Operator - Level 1”. 15 Lebanese participants in order to enable them to take an operational role in their utilities,



Training material has been used with copyrights permission from the owners: Sacramento State University/ California and the Office of Water Program (OWP), United States of America. It has been then translated to Arabic, revised and customized by experts and water specialists from the University of Delaware to adapt it to the Arab working environment. The development of the training material was part of a USAID funded project.

The course duration is (9 working days); including the instructional and activity training hours.

The training courses took place in Via Mena Hotel – Trboli -Lebanon in adequate and fully equipped hall. The training hall shall meet the requirements of CAQA in terms of the size of the hall to accommodate the trainees comfortably, general conditions (windows and day light), equipment and others. The training hall need to be providing comfortable atmosphere for the trainees and the trainer.

Funded by Lebanon Water Project (LWP), DAI – USAID.

Collaborative Events

- ACWUA, represented by H.E. Eng. Khaldon Khashman, participated in the regular meetings of the Blue Peace in the Middle East initiative on the 26th of February, 2018. This time it was held in Istanbul, Turkey and the primary aim of the meeting was to discuss details of the preparatory phase of Blue Peace in 2018, and to create an action plan for 2019-2020.
- From 8th till 9th of March 2018, ACWUA participated in the Roundtable meeting Moving from humanitarian to sustainable WASH service. This meeting was convened by a number of WASH regional staff from the following organizations: World Vision, Oxfam, UNICEF, Action Against Hunger and the International Committee of the Red Cross. The objective of this round table meeting was to further identify key sector WASH priorities in the transition from humanitarian to sustainable WASH services in the MENA region.
- ACWUA participated in the 7th South Asian Conference on Sanitation (SACOSAN-VII), in Islamabad, Pakistan from 10th till 13th of April, 2018. South Asian Conference on Sanitation (SACOSAN) is a government led biennial ministerial level event held on a rotational basis in South Asian countries. SACOSANs are intended to develop a regional agenda on sanitation, enabling learning from the past experience and formulating action plan for the future. The objectives of this conference were to accelerate the progress in the field of sanitation and hygiene in South Asia and to enhance quality of people's life.

Collaborative Events

- ACWUA team along with our delegations from holding water and wastewater company in Egypt, water authority of Jordan and Palestinian Water Authority participated in the exhibition and the conference of IFAT in Munich-Germany during 14-18 May 2018, which is the world's leading biennial trade fair for water, sewage, wastewater and raw materials management.

In total, 3,305 exhibitors from 58 countries presented their products and innovations for the booming environmental industry. Besides, more than 141,000 expert visitors from more than 160 countries came to IFAT comparing to 136,885 visitors in 2016.



Utility Members



Holding Company for Water & Waste Water



Greater Cairo Water Company



Assiut Water and Wastewater Company



Alexandria Water Company



Menya Water and Sanitation Company



Fayoum Drinking Water and Sanitation Company



Giza Drinking Water & Wastewater Company



Dakahlia Potable Water and Sanitary Drainage Company



Cairo Water Company



Luxor Water & Wastewater Company



Greater Cairo Sanitary Drainage Company



Beheira Water & Wastewater Company



Sharkia Water & Wastewater Company



Red Sea Water and Wastewater Company



Qena Water & Wastewater Company



Gharbia Water and Sanitation Company



Damietta Water & Wastewater Company



Alexandria Sanitary Drainage Company



Aswan Water & Wastewater Company



Matrouh Water & Wastewater Company



North and South Sinai Company for Water and Wastewater



Sohag Water and Wastewater Company



Benisuef Water and Sanitation Company



Menoufia Company for Water and Wastewater



Kafr ElShikh for Water & Wastewater Company



Anabta Municipality



Coastal Municipalities
Water Utility –CMWU



Hebron Municipality



Jericho Municipality



Joint Service Council
for Water - Jenin



Nablus Municipality



Palestinian Water
Authority (PWA)



Sier Municipality



Water Supply and Sewerage
Authority Bethlehem



Water and Electricity Au-
thority, Abu Dhabi



Abu Dhabi Distribution
Company



Abu Dhabi Sewerage
Services



Abu Dhabi Transmission
and Despatch



شركة العين للتوزيع
Al Ain Distribution Company

الهيئة الاتحادية للكهرباء والماء
Federal Electricity & Water Authority



[Federal Authority for Water
and Electricity / UAE](#)



هيئة كهرباء ومياه الشارقة
Sharjah Electricity & Water Authority

Water and Electricity
Authority Sharjah

هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority



Water and Electricity
Authority, Dubai



Centre National Des Re-
sources en Eau (S.N.D.E) -
Mauritania



وزارة الأشغال العامة
MINISTRY OF PUBLIC WORKS

Ministry of Public Works

Libya

General Company for Water and
Wastewater - Libya



Egyptian Water and Wastewater Regula-
tory Agency (EWRA)



Office National de l'Assainisse-
ment - Algeria



Algerienne des Eaux - ADE
Algeria



Ministère Délégué auprès du Ministère
de l'Énergie, des Mines de l'Eau
et de l'Environnement Chargé de l'Eau

Ministère Délégué Charge de
l'Eau



Ministry of Municipalities and Public Works (MMPW) - Iraq



Lebanon Eco Movement

المكتب الوطني للكهرباء و الماء الصالح للشرب

Office National de l'Electricité et de l'Eau Potable

ONEE- Morocco



SONEDE – Tunisia



الديوان الوطني للتطهير
OFFICE NATIONAL DE L'ASSAINISSEMENT

ONAS - Tunisia



مؤسسة مياه بيروت وجبل لبنان
Establishment of The Water of Beirut & Mount Lebanon

Beirut & Mount Lebanon Water Establishment



North Lebanon Water Establishment

North Lebanon Water Es-

مؤسسة مياه البقاع
Bekaa Water Establishment

Bekaa Water Establishment



مؤسسة مياه لبنان الجنوبي
South Lebanon Water Establishment

South Lebanon Water Establishment



Ministry of Works - Bahrain



Aqaba Water Company – AWC



Jordan Water Company, Miyahuna LLC.

Hashemite Kingdom of Jordan



Ministry of Water and Irrigation MWI

Hashemite Kingdom of Jordan



Jordan Valley Authority



Sanaa Water and Sanitation Local Corporation SWS



Yarmouk Water Company

Yemen

Hodeidah Water and Sanitation Local Corporation

Hashemite Kingdom of Jordan



Water Authority of Jordan

Yemen

Al Baydha Water and Sanitation Local Corporation

Yemen

Local Water and Sanitation Corporation Al Mokha

Yemen

Hajjah Water Supply & Sanitation Local Corporation



Local Water and Sanitation Corporation Amran

Yemen

As-shihr Water Utility

Yemen

Al Mahweet Water Supply and

Yemen

Local Water and Sanitation Corporation Aden

Yemen

Water Supply & Sanitation Local Corporation Dhamar

Yemen

General Administration of Water and Sanitation and the Ministry of Environment

Yemen

Sadah Water Supply and Sanitation Local Corporation

Yemen

Bajil Water and Sanitation LLC

Yemen

Abyan Local Corporation

Yemen

Bait Al-faqih Water and Sanitation Local Corporation

Yemen

Seiyun Local Corporation

Yemen

Ibb Water and Sanitation
Local corporation



University of Sana'a



National Water and Sanitation Authority



Local Water and Sanitation Corporation Ta'az

Yemen

Central Authority for Rural areas - Yemen

Yemen

Zabid Water and Sanitation Local Corporation - Yemen



Private Sector Members



Xylem Water Solutions



Utilities Development Company (UDC) W.L.L – Kuwait



Emirates Sembcorp Water and Power Company - UAE



World Engineering and Technology



Smart Water Metering - Canada



Nivus GmbH - German



Salah Sanitary Drainage Services Company – Oman



Bremen Overseas Research and Development Association - Germany



Wilo SE International Cooperation – German



Chemonics International, Inc – USA



Maalouf Trading & Contracting s.a.l



Public Authority for Electricity and Water – Oman



Khost Aqua Consult

DISI

DAOM - Disi Amman
Operation and Maintenance



Water Management
and Irrigation Institute -
Sri Lanka



Arabtech Jardaneh Water
and Environment



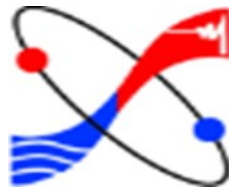
Madinaty Electromechanic Power
Company



Itron Dubai



RadiuSenaat Piping and
Fittings LLC- USA



RSA Electronics – Canada



Smart Water
Metering - Canada



Reetaj Technology &
Technical Services RTTS



Allied Law & Arbitration



Joint Efforts Group
- AL JHOOD