



1- Events and Forums

The university organized several events related to water conservation and sustainability strategies. The most important of these include the following:

- **FIRST AL-MUSTAQBAL FORUM FOR WATER SUSTAINABILITY:** For more details please click the following link: <https://uomus.edu.iq/en/EnNewCol.aspx?newid=17988>

The forum placed a central emphasis on exploring the pivotal role that universities play in driving water conservation efforts and promoting sustainability practices. The event provided a platform for researchers, academics, and experts to delve into critical aspects of water management, shedding light on innovative strategies and practical approaches that can be adopted to address the growing concerns surrounding water scarcity and sustainable water usage.

The topics covered during the conference were comprehensive and impactful. Researchers tackled key subjects that are crucial for advancing water conservation and sustainability agendas. Some of the notable themes included:

- 
1. Water security and water resources
 2. Water saving solutions
 3. Groundwater conservation
 4. Sustainable technologies in irrigation water and agriculture
 5. Sewage treatment techniques
 6. Pollution of rivers and water sources
- Contribution type:

The forum was attended by numerous prominent figures, entrepreneurs, and decision-makers from Babylon Governorate. Figure 1 is different photos from the forum.

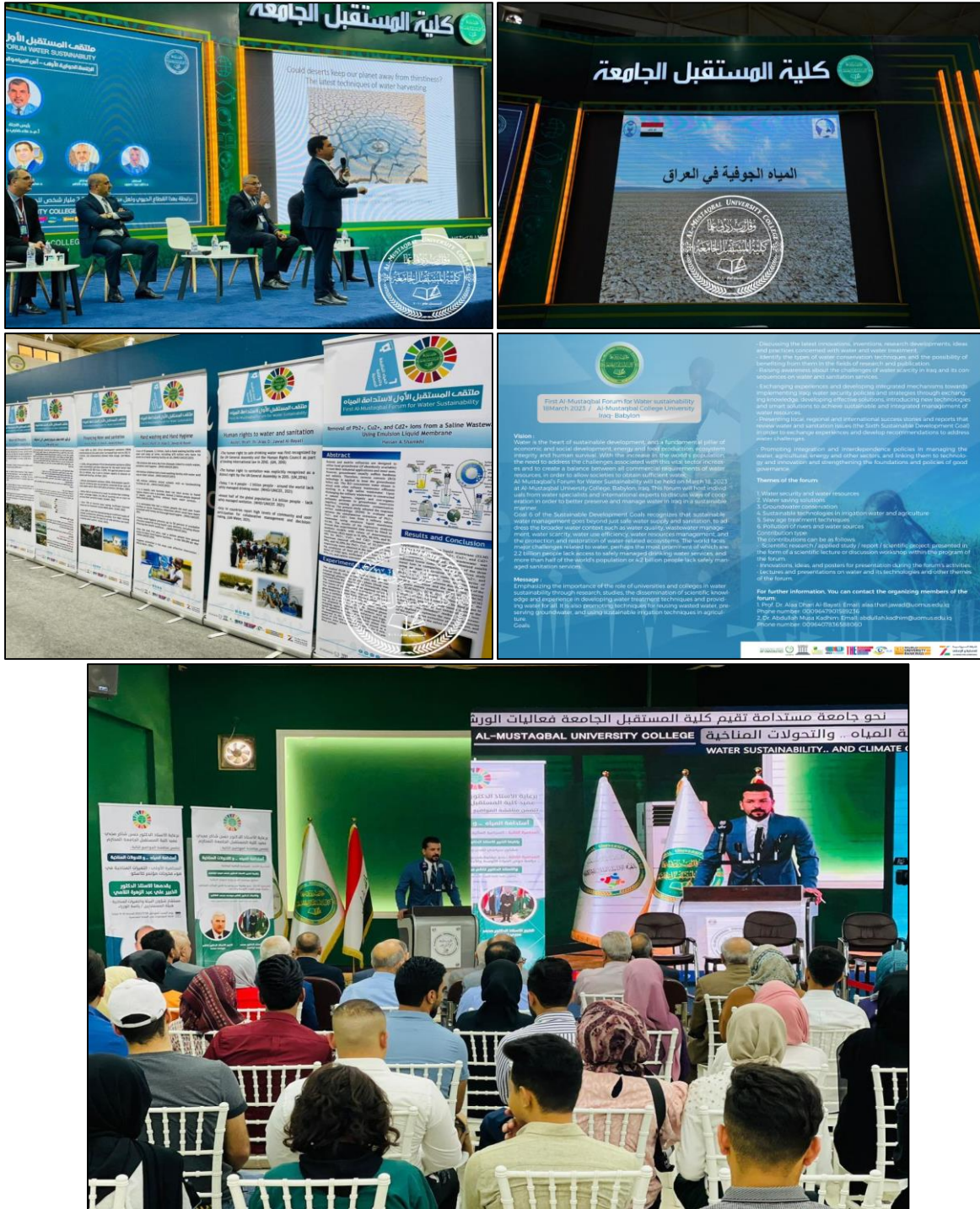


Figure 1: Photos were taken during the forum proceedings (FIRST AL-MUSTAQBAL FORUM FOR WATER SUSTAINABILITY)



Figure 2: The forum brochure.

• An educational awareness campaign about the main causes of freshwater pollution. More details are presented in this link: <https://uomus.edu.iq/NewDep.aspx?depid=5&newid=17284> With the esteemed support and guidance of the President of Al-Mustaqbal University, the Department of Construction and Building Technologies took a proactive step by orchestrating an impactful educational awareness campaign. The core objective of this campaign was to illuminate the crucial issue of freshwater pollution, shedding light on its primary causes. In a world where environmental challenges are becoming increasingly pressing, the campaign played a vital role in fostering public understanding about the factors that contribute to the contamination of our precious water sources.

The campaign was not merely a one-sided affair; rather, it was an interactive platform that facilitated dialogue and engagement. Attendees had the opportunity to actively participate in discussions, ask questions, and share their perspectives on the issue. This interactive



approach fostered a sense of community involvement and encouraged participants to become ambassadors of change in their own right.

Through the campaign, a visit was conducted to the Euphrates River in Babylon, and several activities were carried out with the aim of enhancing the current state of this river (Figure 3). Ultimately, this awareness campaign was not just a standalone event but a step towards instigating lasting change. By addressing the root causes of freshwater pollution and empowering individuals with knowledge, the Department of Construction and Building Technologies demonstrated its commitment to advancing sustainable practices. The ripple effects of this campaign are expected to extend far beyond its immediate impact, resonating with individuals as they make conscious decisions to safeguard our invaluable water resources.



Figure 3: Three pictures show the current status of the Euphrates River in the city of Babylon



2- Awareness

- An Awareness Campaign about a Clean City (Figure 4). Link: <https://uomus.edu.iq/NewDep.aspx?depid=5&newid=16591>

On the date of Saturday, December 11, 2022, the University took a commendable initiative by organizing an impactful awareness campaign within the premises of the College of the Al-Mustaqbal University. This campaign, centered around the theme of promoting a clean city, not only showcased the university's dedication to environmental responsibility but also aimed to create a profound impact on the minds of students, faculty, and staff.

The heart of this campaign lay in its strategic use of informative posters. These posters were meticulously designed to communicate the pivotal role that each individual plays in shaping the cleanliness of their surroundings. Through visually appealing graphics and concise yet impactful messaging, the posters elucidated crucial guidelines and best practices that, if adopted, can lead to the creation of a cleaner and healthier environment.

Aligned with the sixth goal of the Sustainable Development Goals, which focuses on ensuring clean water and sanitation, this campaign showcased the university's commitment to fostering a sustainable and environmentally conscious community. By empowering individuals with knowledge about the impact of their choices and actions, the campaign aimed to initiate a ripple effect of positive change, where conscious decisions to maintain cleanliness would become second nature.



Figure 4: Distributing some guidelines specific to the awareness campaign.



As influential educational and social institutions, AL-Mustaqbal University strives to direct efforts towards raising awareness about water conservation. By integrating informative aspects and practical applications, universities can contribute to the creation of a sustainable culture that serves both the community and the environment.

- **The role of universities in addressing the issue of water scarcity (on and off Campus)**

The scarcity of water and its excessive consumption is a global issue that necessitates effective intervention from various communities and institutions. Universities stand at the forefront of entities playing a significant role in spreading awareness and promoting water conservation among members of the academic community.

For this purpose, on the sidelines of the first urban forum, the university conducted an awareness campaign targeting its students and their families to provide them with essential information about water conservation and the methods that can reduce water consumption for household purposes. The campaign was well-received by many families as it offered innovative and cost-effective solutions that can be implemented to reduce water usage on a city-wide scale. It's worth noting that the city of Babylon experiences frequent water shortages during the summer due to the inadequacy and aging of water stations and networks. The occasion encompassed the presentation of awards recognizing exceptional student projects (Figure 5). For more details please visit: <https://uomus.edu.iq/NewDep.aspx?depid=5&newid=15613>

And:

<https://uomus.edu.iq/NewDep.aspx?depid=2&newid=11351>.



Figure 5: Photos of Water Conservation Awareness Campaigns (on and off campus) and Graduation Projects related to water usage optimization



3- Off Campus

Numerous campaigns were initiated by the staff and students of Al-Mustaqbal University to raise public awareness about the imperative need for conserving our rivers and other vital water sources. These endeavors encompassed not only awareness-raising initiatives but also encompassed proactive cleaning campaigns. Collaborative efforts from diverse departments at Al-Mustaqbal University led to a series of voluntary campaigns (referenced as ([link 1](#), [link 2](#), [link 3](#))) within Hilla city. These campaigns aimed to spotlight the perils posed by water contaminants in Shatt al-Hilla and elucidated strategies for its preservation (Figure 6).

The primary objective of these endeavors was to impart knowledge to citizens regarding the grave repercussions of coastal water pollution stemming from the indiscriminate disposal of industrial waste, plastic refuse, and chemicals. These pollutants pose significant threats to both human health and aquatic ecosystems. The campaign elicited a remarkable response from the general populace, demonstrating a receptive attitude towards the guidance imparted by our dedicated campaigners.

Shielded rivers confer numerous benefits upon communities, ranging from the provision of clean water to an enhanced quality of life and bolstered local economies. The promotion of river recreation fosters a sense of connection between individuals and their local water bodies, igniting a passion to further champion the safeguarding of these vital aquatic resources.



Figure 6: Photos showcasing the university's conducted campaigns (off campus) related to water conservation field

4- Conferences

One of the notable conferences focused on water and sustainable development, held lately in collaboration with local and international universities, includes the following:



- Higher Education is the way towards achieving the sustainable Development Goals.

Sponsored by Minister of Higher Education and Scientific Research
Supervised by
The President of Al-Furat Al-Awsat Technical University,
Prof. Dr. Mudhaffar Sadiq Al-Zuhairy
The Dean of Al-Mustaqbal University College
Prof. Dr. Hassan Shaker Magdy

Conference Theme
(Higher Education.... is the Way Towards Achieving the Sustainable Development Goals)

Al-Furat Al-Awsat Technical University & Al-Mustaqbal University College, in Cooperation with the Altinbas Üniversitesi, holding their: 1st International Conference on Achieving the Sustainable Development Goals (6 – 7) June 2022 in Istanbul- Turkey

Dates schedule, submitting	
Deadline for full paper submission	1/5/2022
Notification of full paper acceptance	10/5/2022
Ready-to-camera papers	20/5/2022
Conference venue	6-7/6/2022

<https://www.altinbas.edu.tr>

1st ICASDG2022

Vision
Higher Education.... is the way towards achieving the sustainable development goals.

The Message
Sustainable studies and research that advances education and meets its priorities by investing available capacities and potential.

Conference Aims
Developing the necessary capabilities in the field of sustainable development, including:

- Stimulation and supporting sustainable development research in the Iraqi universities.
- Highlighting the latest developments in economic, social, and environmental research in conjunction with sustainable development concepts.
- Discussing the role of partnerships in terms of supporting scientific research and community services.
- Unveiling the significance of voluntary work to achieving the goals of sustainable education.
- Supporting initiatives that contribute to improving business sustainability and the quality of public services for the governmental and private sectors.
- Developing a road map for sustainable development in the region beyond the COVID-19 pandemic.

<https://atu.edu.iq>

Conference Topics

First Topic | Sustainable development (Reality and Challenges).

Second Topic | Sustainable economic development.

Third Topic | Health development and health indicators within the sustainability goals.

Fourth Topic | Governance and good management for sustainable development.

Fifth Topic | Natural resources and renewable energies (Technologies and Engineering Sciences).

Sixth Topic | Sustainable Environmental.

Paper Submission
Authors are invited to submit their original papers online through Conference website. Only electronics paper submission will be considered. For paper submission and registration details refer conference website:
<https://icasdg.atu.edu.iq/>
Conference Email: icasdg@atu.edu.iq
Telegram Channel: @ICASDG

Conference Fees:

Academic Researcher	200 USD
Postgraduate Student	150 USD

Review Process, Publication and Indexing
All the submitted papers shall be checked for plagiarism, blind reviewed by experts on the basis of originality, significance and research contribution. Accepted papers will be published in the AIP proceeding, AIP is a Scopus Indexed Publisher and valid for scientific promotions.

<https://uomus.edu.iq>

