

Republic of IRAQ
Ministry of Higher Education
& Scientific Research



University of Babylon

University Commission of Sustainable Development

Annual Reports for UN SDGs 2015-2030

SDG6: Clear Water and Sanitation

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University of Babylon, University Rankings Unit, Sept. 2021

<http://sustainability.uobabylon.edu.iq/>

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6 CLEAN WATER AND SANITATION



SDG6: Clean Water and Sanitation

First Goal means Ensure access to water and sanitation for all.

Colleges participated to achieve SDG6:

- College of Engineering established and accredited in 1988.
- College of Materials Engineering established and accredited in 2007.
- College of Engineering/ Al-Musayab established and accredited in 2014.
- College of Science for Women established and accredited in 2002.
- Collage of Education for Human Science established and accredited in 1993.

SDG6 progress: Activities with Indicators **ال نفس** means

Activities Links (conferences, seminars, workshops, cultural meetings) on university website:

University of Babylon impact indicators for SDG6 in 2020

Indicators	Evidences/Links
6.2 Water consumption per person	
Measurement the total volume of water used in the university that is taken from mains supply, desalinated, or extracted from rivers, lakes, or aquifers.	Yes File uploaded: University of Babylon_Iraq_measure the total volume of water used in the university.docx
Comment	The Water and Sewage Department of the University of Babylon calculates the quantities of consumed water, collected water from rain water, and water used for irrigation of green areas and for drinking. More than 75% of the treated water of underground water and rain water as well as recycled water is used for garden sprinkler system along with washing cars, cleaning, and toilet flushing.
Volume of water used in the university: Inbound(treated/extracted water)	175,000m
Number of campus population	29,240
6.3 Water usage and care	
A process in place to treat waste water.	Yes File uploaded: University of Babylon_Iraq Treated waterconsumed.docx

Comment	The University of Babylon treats and purifies rainwater and sanitation. More than 75% of the treated water of under groundwater and rain water as well as recycled water is used for garden sprinkler system along with washing cars, cleaning, and toilet flushing
The processes to prevent polluted water entering the water system, including pollution caused by accidents and incidents at the university	No
Providing free drinking water for students, staff and visitors, e.g. drinking water fountains).	Yes File uploaded: 1.jpgFile uploaded: 3.jpgFile uploaded: 4.jpg
Comment	The University of Babylon provides free drinking water to students, faculty, and university employees
Applying building standards to minimise water use? (relevant standards to be indicated)	Yes File uploaded: University of Babylon_Iraq_Water efficient appliance usage.docx
Comment	Most of the traditional water appliances in the university have recently been replaced by smart ones equipped with sensors to reduce water drainage in the university.
The plant landscapes to minimise water usage (e.g. use drought-tolerant plants)	Yes File uploaded: University of Babylon_Iraq_plant landscapes to minimize water usage.docx
Comment	Babylon University is keen to cover the largest possible area with green spaces. To do this, the university has multiplied specific plants in its laboratories as well as focused on growing thirst-tolerant and evergreen plants
6.4 Water reuse	
A policy to maximise water reuse across the university	Yes File uploaded: University of Babylon_Iraq_Water recycling program implementation.docx
Comment	The program of water recycling implementation in the main campus of the University of Babylon consists of recycling wastewater to be used for garden sprinkler system along with washing cars, cleaning, and toilet flushing. Moreover, rain water is collected using underground concrete blocks and an artificial lake and several canals that found for the purpose of saving rainwater to be fully-recycled following several stages of water treatment, including sand filtration and UV filtration before flow to tap.
Policy created (yyyy)	2006
Comment	Date of addition that policy to the University Guidance
Policy reviewed (yyyy)	2020
Comment	date of last review
Measurement the reuse of water across the university	Yes File uploaded: University of Babylon_Iraq Treated waterconsumed.docx

Comment	The Water and Sewage Department of the University of Babylon calculates the quantities of consumed water, collected water from rain water, and water used for irrigation of green areas and for drinking. More than 75% of the treated water of under groundwater and rain water as well as recycled water is used for garden sprinkler system along with washing cars, cleaning, and toilet flushing.
6.5 Water in the community	
Providing educational opportunities for local communities to learn about good water management	Free http://www.uobabylon.edu.iq/uobColeges/action_news.aspx?fid=9&nwid=43222 http://engineering.uobabylon.edu.iq/department/Default.aspx?cid=3&cdid=6
Comment	The Department of Environmental Engineering at the University of Babylon offers many seminars, lectures and research in the field of water management. These seminars are public and available to all. As for the lectures and research, they are published on the university's website and it is free and available to all.
Supporting water conservation off campus	Yes http://engineering.uobabylon.edu.iq/action_news.aspx?fid=3&nwid=46255 http://engineering.uobabylon.edu.iq/action_news.aspx?fid=3&nwid=43070 http://lerc.uobabylon.edu.iq/article.aspx?envid=52028
Comment	The Environmental Research Center at the University of Babylon offers many workshops and seminars on the topic of water conservation. These seminars are available to all. The University of Babylon also offers many doctoral and master's studies on issues of preserving drinking water and ground water in the governorate and the country in general.
The utilisation sustainable water extraction technologies on associated university grounds off campus	No
Cooperation with local, regional, national or global governments on water security	local, regional http://uobabylon.edu.iq/uobcoleges/action_news.aspx?nwid=51054&fid=7
Comment	The University of Babylon cooperates with the local and national government in the field of water security by providing studies and statistics related to this matter

References

<https://www.un.org/sustainabledevelopment/water-and-sanitation/>

<https://www.iq.undp.org/content/iraq/en/home/sustainable-development-goals/goal-6-clean-water-and-sanitation.html>

<https://sdg-tracker.org/water-and-sanitation>

https://en.wikipedia.org/wiki/Sustainable_Development_Goal_6