University : Al Balqa Applied University
Country : Jordan
Web Address : bau.edu.jo

SDG 6.5.6

[6.5.6] Promoting Conscious Water Usage on Campus

BAU_Green Calendar

WATER4MED

MoU between BAU and the Islamic Network for Water Resources Development and Management (Water Harvesting and Afforestation) in the areas of Hamrat Al-Sahen

وفد هولندي يزور المركز الدولي لبحوث المياه والبيئة والطاقة في جامعة البلقاء التطبيقية

(741 مشاهدات) (0 تعليقات)

IHE Delft for Water Education

Raising Student Awareness on Water Treatment Technologies through Educational Visits at BAU's Fuheis Station

IRCWEE Research Contributions on Climate Change and Water Management at the 4th International Conference on Artificial Intelligence for Disaster Response (AIDR 2025)

IRCWEE - BAU Partnership with UNDP and UNEP in Developing Jordan's Third Environmental Assessment Report

Practical training for students of the Wastewater Treatment Department at Al Balqa Applied University Station for Excellence in Water and Environmental Engineering and Technology

A workshop at Al-Balqa Applied University to review modern technologies for treating olive water resulting from olive presses.

Promoting awareness of water conservation and governance

Strengthening National Capacities in Decentralized Wastewater Treatment

Low-flow dual-flush toilets and efficient hand washing taps at BAU Campuses

Drip Irrigation System at BAU Campuses

Drip irrigation system

Watering plants and gardens by rainwater

Water Harvesting well

Using rainwater for irrigation

Section 2 – Multi-topic 2023

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Project: Water management strategies and Adaptation acTions undER a global change context FOR the MEDiterranean region

Acronym	WATER4MED
Duration	01/06/2024 - 01/06/2027
Project Topic	Pressure over water resources is increasing rapidly as a consequence of the climate change and growing population. As a result, water shortage is expected in the next future. In addition, the frequency, intensity and length of extreme climatic events will increase alternating drought periods with extreme precipitation that may cause flooding. In this context, it is needed to develop and incorporate robust and advanced approaches and tools into water governance models to allow defining better practices and designing efficient and sustainable water management strategies. WATER4MED aims at (i) developing robust numerical tools by coupling hydrological and hydrogeological models for estimating realistically the evolution of water resources under the impact of climate change and growing demand, (ii) proposing new approaches for establishing the resilience capacity of water systems against meteorological events, (iii) applying advanced methods to assess the vulnerability and quality of water bodies, paying special attention to contaminants of emerging concern, (iv) assessing the suitability of flood-MAR to minimise floods and increase stored freshwater, and (v), incorporating data and approaches resulting from WATER4MED into integrative tools for water resources management. WATER4MED will be developed in 4 demonstration sites (Spain, Tunisia, Portugal and Morocco) and the replicability of the developed approaches will be assessed in two additional Mediterranean countries (Lebanon and Jordan), from which Lebanon is not represented in the consortium. Finally, it is worth to mention that WATER4MED will allow reducing future water-related conflicts by providing tools and data to improve governance models such as (i) information about water availability, (ii) methods based on monitoring and modelling to know the evolution of water resources under climate change, (iii) techniques for increasing stored water and minimising floods, and (iv) preserve the quality and quantity of water resources.
Network	PRIMA

Project partner

Search table ...

NUMBER	NAME	ROLE	COUNTRY
370	Consejo Superior de Investigaciones Científicas - Q2818002D	Coordinator	Spain
371	Luis Samaniego	Partner	Germany
372	Politecnico di Bari	Partner	Italy
373	Al-Balqa Applied University	Partner	Jordan
374	University Ibn Zohr	Partner	Morocco
375	Universidade de Lisboa	Partner	Portugal
376	Laboratoire de recherche Sciences et technologies des eaux (LRSTE)	Partner	Tunisia

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Water management strategies and Adaptation acTions undER a global change context FOR the MEDiterranean region

Water Researcher and research database of the IRCWEE at Al-Balqa Applied University

المركز الدولي لبحوث المياه والبيئة والطاقة

International Research Center for Water, Environment & Energy

BAU's International Centre for Water, Environment, and Energy (IRCWEE)