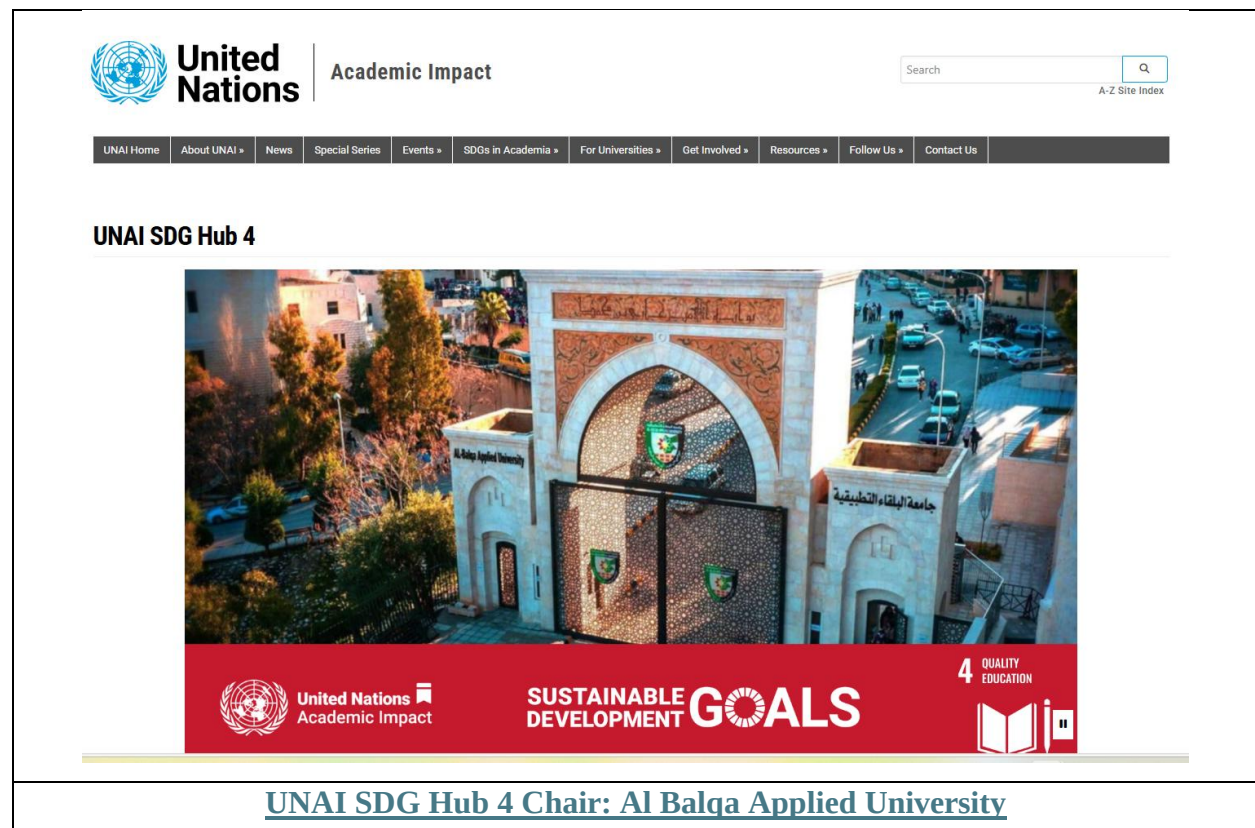


Al-Balqa Applied University's Commitment to Environmental Aspects of Sustainability

Al-Balqa Applied University (BAU) collaborates with around 193 nations to achieve the Sustainable Development Goals (SDGs) by 2030 through strategic operational frameworks addressing vital environmental challenges. BAU's commitment to sustainability and ecological matters is evident in its diverse programs of educational research and policy analysis, which aim to strengthen its integration. The university emphasizes the essential role of higher education institutions in providing quality education, decent work environments, supporting gender equality, fostering economic growth, and reducing inequality and poverty. BAU actively trains its staff, students, and local communities on sustainable development, focusing on environmental issues through comprehensive educational and training programs, workshops, and public outreach events. This dedication to sustainability solidifies BAU's reputation as a leading institution in the region, creating lasting environmental impacts and driving sustainable development initiatives that promote sustainable practices and empower individuals to effect positive change.

The image is a screenshot of the United Nations Academic Impact (UNAI) website. At the top left is the UN logo and the text 'United Nations Academic Impact'. To the right is a search bar and a link to 'A-Z Site Index'. Below this is a horizontal navigation menu with links: 'UNAI Home', 'About UNAI', 'News', 'Special Series', 'Events', 'SDGs in Academia', 'For Universities', 'Get Involved', 'Resources', 'Follow Us', and 'Contact Us'. The main content area features a large photograph of the Al-Balqa Applied University entrance, which is a large stone archway with the university's name in Arabic and English. Below the photo is a red banner with the UN logo, 'United Nations Academic Impact', 'SUSTAINABLE DEVELOPMENT GOALS', and '4 QUALITY EDUCATION' with an icon of an open book. At the bottom of the banner is the text 'UNAI SDG Hub 4 Chair: Al Balqa Applied University'.

Al-Balqa Applied University



BAU's dedication to advancing under the (SDGs) by setting up several initiatives. **BAU serves as the chair of the United Nations Academic Impact (SDG 4 Hub: Quality Education)**, which promotes inclusive education with lifelong learning opportunities. The university stresses the value of partnership-based sustainable development by partnering with multiple institutions to advance SDGs. The university shows its dedication to sustainable development advancement in Jordan by concentrating on conducting training sustainability programs for different segments.

When sustainability emerges as a fundamental solution to balance economic growth with social equality alongside environmental protection as the cornerstone of worldwide advancement, higher education institutions must act as sustainability drivers by integrating ecological principles into educational and research operations and community engagement. BAU accepts a multifaceted approach to sustainability that includes environmental conservation, continuous learning, and active community participation. At BAU, students and staff receive sustainable development training through educational workshops and training programs, empowering them with environmental competencies.

The following sample of training programs and workshops outline BAU's sustainable environmental education initiatives 2023/2024, targeting BAU (students and staff), the governmental sector, the private sector, and the local community, held by scientific centers

International Research Center for Water, Environment, and Energy (IRCWEE)		
1-	Alignment with (SDGs)	SDG 4, SDG 6, SDG 7, SDG 9, SDG 13, SDG 17
2-	Target Audience	Trainees from the Jordan Engineers Association (JEA)
3-	Training Program Title	Specialized Training Program on Water, Environment, and Energy for Engineers – Second Cohort at IRCWEE.
4-	Training Program Objective	The goal of this training program is to develop top-quality engineering students and competent workers through specialized technical education and practical experience. It emphasizes environmental sustainability, water management, and the transition to renewable energy technologies. The program fosters research-driven solutions for sustainable development and environmental engineering, focusing on climate change adaptation and mitigation to equip future engineers with the skills to build environmental resilience.
5-	Link	https://shorturl.at/FzXaF



International Research Center for Water, Environment, and Energy (IRCWEE)		
1-	Alignment with (SDGs)	SDG 1, SDG 4, SDG 5, SDG 8, SDG 12, SDG 13, SDG 15, SDG 17
2-	Target Audience	Balqa Women's Committees and local development representatives from the Greater Salt Municipality.
3-	Panel Discussion Title	Enhancing the Value Chain of Forest Products – Strengthening the Resilience of Rural Women Communities
4-	Training Program Objective	The goal of this training program is to explore methods to leverage forest resources for economic growth opportunities for women in rural areas. It aims to identify eco-friendly business possibilities, enhance local self-sustainable capacity, and promote eco-friendly production methods. The program focuses on reducing poverty and supporting SDG 5: Gender Equality by enabling rural women to establish sustainable livelihoods. It emphasizes integrating policy analysis, research, and community participation to achieve long-term forest-based industrial sustainability and minimal environmental impact.
5-	Link	https://shorturl.at/gAupK



International Research Center for Water, Environment, and Energy (IRCWEE)		
1-	Alignment with (SDGs)	SDG 2 , SDG 4, SDG 6, SDG 12, SDG 13, SDG 17
2-	Target Audience	Staff and local Framers
3-	Training Program Title	Sustainable Irrigation and Water Reuse for Agriculture – Training and Awareness Campaign for Farmers in the Jordan Valley"
4-	Training Program Objective	The goal of this training program is to equip farmers in the Jordan Valley with practical knowledge and innovative methods for agricultural water efficiency. It focuses on contemporary irrigation techniques and strategies for treating reused water to reduce water loss and increase production. The program integrates scientific research to enhance food security and rural development through improved irrigation and sustainable farming practices. It promotes sustainable water resource management and addresses water scarcity, aiming to create climate-resilient farming systems. This initiative, in collaboration with NUFFIC - OKP and local farmers, demonstrates international cooperation for sustainable water administration and advances agricultural innovations.
5-	Link	https://shorturl.at/g9NFG
		

International Research Center for Water, Environment, and Energy (IRCWEE)		
1-	Alignment with (SDGs)	SDG 4, SDG 6, SDG 9, SDG 11, SDG 13, SDG 17
2-	Target Audience	Engineers, technicians, and water management professionals from Jordanian public sector institutions.
3-	Training Program Title	Planning & Management Training of Decentralized Sanitation Solutions – Collaborative Program Between Al-Balqa Applied University and BORDA
4-	Training Program Objective	The goal of this training program is to improve wastewater treatment and sanitation expertise among Jordanian professionals. It aims to enhance water resource management through state-of-the-art solutions and promote sustainable sanitation systems. By advancing decentralized wastewater treatment methods, the program addresses water scarcity and environmental concerns, fostering technological innovation and achieving sustainability goals. It helps communities develop climate adaptation methods, particularly in water-scarce areas, through multi-sectoral collaboration with Al-Balqa Applied University, BORDA, and Jordanian water authorities.
5-	Link	https://shorturl.at/k1Xx0



International Research Center for Water, Environment, and Energy (IRCWEE)		
1-	Alignment with (SDGs)	SDG 4, SDG 6, SDG 9, SDG 11, SDG 13, SDG 17
2-	Target Audience	Engineers, technicians, and water management professionals from Jordanian public sector institutions.
3-	Training Program Title	Specialized Training Program on Wastewater Treatment Plant Operations and Management – In Collaboration with the Ministry of Water and Irrigation and USAID
4-	Training Program Objective	The goal of this training program is to enhance wastewater treatment and sanitation expertise among Jordanian professionals. It aims to improve water resource management and sanitation development through innovative approaches and institutional collaboration. The program focuses on decentralized wastewater systems to address water shortages and environmental issues, supporting sustainable technologies to improve water quality and infrastructure. It fosters technological innovation, promoting urban sustainability and climate resilience, and strengthens IRCWEE's leadership in sustainable water resource management through partnerships.
5-	Link	https://shorturl.at/xreSi



مجلس الخدمات المشتركة وبلدية الفحيص في يوم تشاركي في محطة الفحيص التابعة للمركز الدولي لبحوث المياه والبيئة والطاقة

Post

(1036 مشاهدات) (0 تعليقات)



Joint Services Council and Al-Fuhais Municipality in [a participatory day at the Al-Fuhais station](#) affiliated with the International Center for Water, Environment and Energy Research

زيارة التبادل العلمي من دولة ألمانيا الاتحادية للمركز الدولي لبحوث المياه والبيئة والطاقة

(1344 مشاهدات) (0 تعليقات)



[Scientific exchange visit](#) from the Federal Republic of Germany to the International Center for Water, Environment and Energy Research

المركز الدولي لبحوث المياه والبيئة والطاقة يشارك في المؤتمر الإقليمي حول التنوع الحيوي-مخطط

الطبيعة للتكيف مع المناخ

Post

(788 مشاهدات) (0 تعليقات)



[Participation in the Regional Conference on Biodiversity - Nature's Climate Adaptation](#)

[Plan](#)

المركز الدولي لبحوث المياه والبيئة والطاقة ضمن برنامج تعزيز الوعي بالعدالة المناخية في الجامعات الأردنية

Post

(1185 مشاهدات) (0 تعليقات)



[Participate in sessions to discuss the concept of climate justice and its impact on different societies.](#)

Aqaba Maritime Education and Training Center		
1-	Alignment with Goals (SDGs)	SDG 4, SDG 7, SDG 13, SDG 14
2-	Target Audience	Students and Staff
3-	Training Courses Title	1- Compulsory and Public Safety Courses. 2- Qualifying Courses. 3- Renewal of Eligibility Certificates.
4-	Training Course Objective	The goal of this training program is to provide essential knowledge and skills in maritime safety, pollution prevention, and sustainable development. It aims to improve water resource management and sanitation practices, ensuring compliance with international standards and supporting sustainable development goals.
5-	Link	https://ametc.edu.jo/training-courses/?lang=en



Albalqa' Applied University
Aqaba Maritime Education and Training Center



+962799060066
call us



info@ametc.edu.jo
Contact us



Jordan, Aqaba
AMETC location

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Training Courses

The first marine center in Aqaba Governorate, the only sea port in Jordan



The Jordanian Korean Center for Information and Communication Technology		
1-	Alignment with (SDGs)	SDG 4, SDG 8, SDG 11, SDG 13, SDG 17.
2-	Target Audience	Government Employees in Al-Balqa Governorate
3-	Courses Title	Mastering the Use of PowerPoint and Microsoft Word and cloud computing
4-	Training Course Objective	The goal of this training program is to develop essential computer application skills among Al-Balqa Governorate government employees, focusing on Microsoft Word and PowerPoint to enhance professional delivery. It aims to improve occupational development, boost staff productivity, and support economically sustainable growth through technical competencies. By partnering with multiple government departments, the program seeks to achieve common development objectives and strengthen community service and sustainable development.
5-	Link	https://shorturl.at/07e6b



National Center for Trainer Training		
1-	Alignment with (SDGs)	SDG 4, SDG 7, SDG 9, SDG 13, SDG 17.
2-	Target Audience	Employees of the Irbid Electricity Company
3-	Courses Title	Operation, Maintenance, and Testing of Electrical Transformers
4-	Training Course Objective	The course is designed to equip the participants with the technical skills needed to work with electrical transformers and to understand the function of electrical transformers in a power system. General classification and various types of transformers. The course assists in improving electricity company employees' skills in transformer maintenance and operation toward promoting the efficient and reliable delivery of clean energy. Improving electrical infrastructure's technical competencies enables building resilient and sustainable industrial systems.
5-	Link	https://shorturl.at/EPgMx



لمركز الدولي لبحوث المياه والبيئة والطاقة يشارك في أعمال المنتدى الإقليمي العاشر لحفظ الطبيعة
لتابع للإتحاد الدولي لحفظ الطبيعة في غرب آسيا والمقام في المملكة العربية السعودية



Post

(1069 مشاهدات) (0 تعليقات)



(IRCWEE) is participating in the 10th IUCN Regional Conservation Forum for West Asia, held in Saudi Arabia.

2- The following sample of training programs and workshops held by different colleges:

Faculty of business		
1-	Alignment with (SDGs)	All SDGs
2-	Target Audience	students, staff, researchers
3-	Event Title	International conference titled "The Future of Sustainability for the Business Environment: Practical Experiences."
4-	Training Course Objective	The international conference “The Future of Sustainability for the Business Environment: Practical Experiences” aims to coordinate all successful efforts in the financial and business environment to mobilize and encourage individuals and governmental, private, national, Arab and international institutions to participate in the conference to achieve communication, integration, exchange of benefits, and form relationships and partnerships to support all efforts aimed at enforcing them by law in respect of constitutions and following up on this at a high level of specialization.
5-	link	<u>First international conference entitled The Future of Sustainability for the Business Environment</u>

عقدت كلية الأعمال مؤتمرها الدولي الأول بعنوان مستقبل الاستدامة لبيئة الأعمال

(0 تعليقات) (1058 مشاهدات)

Post



Faculty of Engineering		
1-	Alignment with (SDGs)	All SDGs
2-	Target Audience	Faculty of Engineering Students
3-	Courses Title	A scientific day entitled “Circuit of Sustainability
4-	Training Course Objective	The goal of this scientific day is to provide an integrated educational, field training, and research environment for engineering students, to prepare distinguished engineering graduates who can compete in the local and global labor market. It focuses on enhancing competence, skill, and proficiency in engineering specializations, empowering young engineers through free workshops, training courses, forums, and conferences.
5-	link	<u>A scientific day entitled “Circuit of Sustainability</u>



Faculty of Engineering		
1-	Alignment with (SDGs)	SDG11, SDG13, SDG17
2-	Target Audience	Faculty of Engineering Students
3-	Courses Title	Initiative of “Cleaning Abandoned Heritage Houses in As-Salt City Purpose of the initiative:
4-	Training Course Objective	The initiative combines academic education, practical application, community service, spread the awareness, saving heritage buildings, adaptive reuse and achieving SDGs.
5-	link	Initiative of “Cleaning Abandoned Heritage Houses in As-Salt City Purpose of the initiative



السلط لينا وحقك علينا

Faculty of Agriculture		
1-	Alignment with (SDGs)	All SDGs
2-	Target Audience	Students and staff
3-	Event Title	Workshop: Innovation in agricultural technology INNOVATION & AGRITECH
4-	Training Course Objective	The goal of this workshop is to foster entrepreneurship, innovation, and creative thinking in the field of agricultural technology. It aims to highlight agricultural technology as a crucial component of the modern economy and explore the role of startups and entrepreneurs in this sector. The workshop will focus on the relationship between agricultural technology, climate change, and sustainable development, promoting innovative solutions and sustainable practices to address environmental challenges and enhance economic growth.
5-	link	<u>Workshop: Innovation in agricultural technology INNOVATION & AGRITECH</u>



Faculty of Agriculture		
1-	Alignment with (SDGs)	All SDGs
2-	Target Audience	Students and staff
3-	Event Title	Forum for emerging and innovative companies in the field of smart agriculture technology at Al-Balqa Applied University for the second day in a row
4-	Training Course Objective	The goal of this forum is to foster innovation and entrepreneurship in the field of smart agriculture technology by providing a collaborative platform for experts, university students, and startups. The forum aims to facilitate knowledge exchange, showcase innovative projects, and offer guidance on creating successful presentations and business models. Through sessions, lectures, and discussion panels, participants will gain insights into the latest trends, market opportunities, and financial planning strategies, ultimately contributing to the advancement of smart agriculture in the Arab region.
5-	link	Forum for emerging and innovative companies in the field of smart agriculture technology



Faculty of Agriculture		
1-	Alignment with (SDGs)	All SDGs
2-	Target Audience	Students and staff
3-	Event Title	The Smart-Agriculture initiative
4-	Training Course Objective	To enhance the knowledge and skills of local farmers and agricultural students in smart agriculture technology through comprehensive training programs. The initiative aims to bridge the gap between academic knowledge and practical application by disseminating innovative agricultural techniques from the campus to farms across the region. By offering courses on hydroponics, climate impact, GIS, remote sensing, and sustainable agriculture, the initiative seeks to empower participants with the tools needed for modern agricultural practices. The ultimate goal is to promote sustainable and efficient agricultural practices, contributing to the overall development of the agricultural sector in the region.
5-	link	https://inwrdam.net/smart-agriculture-hub-at-bau/



Faculty of Al Huson		
1-	Alignment with (SDGs)	SDG 4, SDG 6, SDG 11, SDG 13, SDG 17
2-	Target Audience	Students and staff
3-	Event Title	A scientific workshop: (Management of olive mill waste)
4-	Training Course Objective	The goal of this workshop is to foster entrepreneurship, innovation, and creative thinking in the field of agricultural technology. It aims to highlight agricultural technology as a crucial component of the modern economy and explore the role of startups and entrepreneurs in this sector. The workshop will focus on the relationship between agricultural technology, climate change, and sustainable development, promoting innovative solutions and sustainable practices to address environmental challenges and enhance economic growth.
5-	link	A scientific workshop: (Management of olive mill waste)



Faculty of Irbid		
1-	Alignment with (SDGs)	SDG 4, SDG 13, SDG 15
2-	Target Audience	Students and staff
3-	Event Title	Irbid Faculty students' plant 100 trees as part of a green environment initiative on the faculty campus
4-	Event Objective	The goal of this initiative is to direct students' attention towards innovating and implementing pioneering initiatives that serve and develop the community while enhancing their environmental awareness. This initiative aligns with the university and college's commitment to sustainable development goals
5-	link	<u>Irbid Faculty students plant 100 trees as part of a green environment initiative on the faculty campus</u>



Faculty of Ajloun		
1-	Alignment with (SDGs)	SDG 4, SDG 13, SDG 15
2-	Target Audience	Students and staff
3-	Event Title	An initiative to Plant Trees” at Ajloun University Faculty
4-	Event Objective	The goal of this initiative is to direct students' attention towards innovating and implementing pioneering initiatives that serve and develop the community while enhancing their environmental awareness. This initiative aligns with the university and college's commitment to sustainable development goals
5-	link	<u>An initiative to Plant Trees” at Ajloun University Faculty</u>
		

Faculty of Zarqa		
1-	Alignment with (SDGs)	SDG 3, SDG 4, SDG 6, SDG 13
2-	Target Audience	Students and staff
3-	Event Title	Scientific day at Zarqa Faculty
4-	Event Objective	The goal of this initiative is to enhance health awareness in educational institutions with health departments, such as the Department of Allied Medical Sciences. It aims to serve the community and contribute to sustainable development by combating health problems, diseases, and epidemics.
5-	link	<u>Scientific day at Zarqa Faculty</u>



Faculty of Medicine		
1-	Alignment with (SDGs)	SDG 3, SDG 4, SDG17
2-	Target Audience	Students, staff and Researchers
3-	Event Title	The Second Medical Research Conference in Al-Balqa Applied University
4-	Event Objective	The goal of this conference is to support creativity and investment in scientific research by presenting numerous scientific and research papers and purposeful lectures from experts in the United States, Canada, and faculty members at the College of Medicine. The conference aims to contribute to the prosperity of societies and the advancement of sustainable development.
5-	link	The Second Medical Research Conference in Al-Balqa Applied University



The following sample of training programs and workshops held by Deanship of research and Innovation:



The first conference on scientific research projects



Third International Oil Shale Conference

The following sample of training programs and workshops are held by third party:



IRCWEE participates in the work of the Tenth Regional Forum for Nature Conservation of the International Union for Conservation of Nature in West Asia

جلسة نقاشية حول مشروع مختبر الاستدامة الاردني في البلقاء التطبيقية

Post

(2074 مشاهدات) (0 تعليقات)



Discussion session on the Jordanian Sustainability Lab project

شارك طلاب جمعية مهندسي الكهرباء والإلكترونيات في جامعة البلقاء التطبيقية/ كلية الهندسة التكنولوجية (IEEE BAU) في معرض سوفكس 2024، الذي أقيم تحت الرعاية الملكية السامية لجلالة الملك عبدالله الثاني بن الحسين وبحضور سمو ولي العهد الأمير الحسين بن عبدالله الثاني. خلال هذا الحدث البارز، قمنا بعرض مشروعنا "كاشف الألغام الذكي" الذي تم تطويره بواسطة فريق من الطلاب. كما تم شرح المشروع لجلالة الملك عبدالله الثاني بن الحسين، مما يعكس التزامنا العميق بدعم الابتكار الهندسي وتقديم حلول مت...
See more





Sample of IEEE Al-Balqa Applied University Student Branch
<https://www.facebook.com/ieeebalqa/>