

UAEU

جامعة الإمارات العربية المتحدة
United Arab Emirates University



SUSTAINABLE DEVELOPMENT GOALS REPORT

2023

UNITED ARAB EMIRATES UNIVERSITY

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EXECUTIVE SUMMARY

The United Arab Emirates University (UAEU), established in 1976 as the nation's first and most comprehensive research university, continues to lead in fostering sustainability and addressing global challenges. Situated in Al Ain City, UAEU's state-of-the-art campus serves as a hub for innovation, research, and academic excellence, supporting over 16,000 students from 89 countries.

In 2023, UAEU achieved notable success in the Times Higher Education Impact Rankings, being ranked in 10 Sustainable Development Goals (SDGs). This recognition underscores the university's commitment to advancing the United Nations' SDGs through impactful research, education, and community engagement.

A significant milestone for UAEU in 2023 was the launch of its Roadmap Toward COP28 and Beyond (2023–2026). This roadmap, structured around three major themes—Research and Innovation, Youth Empowerment, and Local and International Partnerships—comprises 35 initiatives with measurable outcomes. These initiatives prioritize sustainable energy, waste reduction, and the reuse of natural resources. The work under this roadmap has already commenced and is designed to extend its impact well beyond COP28.

UAEU has also made substantial progress in green research, with over 43% of its publications addressing sustainability-related topics. These efforts reflect the university's dedication to supporting the UAE's national strategy for climate neutrality, aiming to achieve net-zero carbon emissions by 2050.



This report highlights key activities, projects, and initiatives undertaken across UAEU's colleges and research centers, showcasing the university's proactive role in advancing sustainable development, both locally and globally. Through these endeavors, UAEU continues to serve as a beacon of knowledge and innovation, shaping a sustainable future for the UAE and the world.

1 NO
POVERTY



End poverty in all its forms everywhere

22

PUBLICATIONS IN
SCOPUS
(2023)



100%

INCREASE
COMPARED TO 2022

2.15

FWCI
(2019-2023)

401-600

THE IMPACT
RANKINGS 2023

The UAEU team, "Aoun", has won the first prize in a competition organized by the Emirates Red Crescent. The aim of this competition was to help and cheer up orphans through different events that the college team organized and implemented, by fully involving the orphans. In addition, UAEU engaged in two creative projects that helped the orphans as well as individuals with low income within the same realms of the contest. UAEU has taken part in the contest for three consecutive years, last year they took second place targeting individuals with low incomes.



UAEU researcher from College of Business and Economics conduct an empirical investigation into the impact of geopolitical risks on income inequality. The paper analyzes data from 18 countries spanning the period 2007-2020, revealing that geopolitical risk exacerbates income inequality, demonstrating a positive correlation between the two.

In collaboration with the University of Nottingham Malaysia, a UAEU researcher examines the moderating role of extreme poverty in the relationship between the size of the tourism industry and COVID-19 Economic Stimulus Packages (ESPs), while also considering the impact of external debt.

Scholarship/Fellowship schemes are available to national and international students of UAEU.

- Chancellor's Fellowship for Graduate Students at UAEU
 - Graduate Research Assistantship (All nationalities)
 - Graduate Teaching Assistantship (All nationalities)
 - Graduate Administrative Assistantship (All nationalities)
 - Full – Ride Scholarship from Master to PhD for UAE nationals (UAEU Alumni only)
 - PhD Scholarship (All Nationalities)
 - PhD Fellowship (All Nationalities)
 - The ICT Scholarship Program
 - Scholarship for MSc Space Science under Arab Space Pioneers Program
-

The Public Policy Research Center at UAEU focuses on issues related to public policy and leadership in the UAE that includes:

- Economic policies
- Social policies
- Labor policies
- Media policies
- Security policies
- Health policies
- Education policies
- Governance programs and government excellence

1 NO
POVERTY





313

STUDENTS ARE SUPPORTED
THROUGH PHD SCHOLARSHIP
AND FELLOWSHIP



345

STUDENTS ARE SUPPORTED
THROUGH CHANCELLOR
FELLOWSHIP PROGRAM

11

STUDENTS HAVE BEEN
GRANTED FULL-RIDE
SCHOLARSHIP

UAEU researcher from College of Business and Economics conduct an [empirical investigation](#) into the impact of geopolitical risks on income inequality. The paper analyzes data from 18 countries spanning the period 2007–2020, revealing that geopolitical risk exacerbates income inequality, demonstrating a positive correlation between the two.

In collaboration with the University of Nottingham Malaysia, a UAEU researcher examines the moderating role of extreme poverty in the relationship between the size of the tourism industry and COVID-19 Economic Stimulus Packages ([ESPs](#)), while also considering the impact of external debt.

End hunger, achieve food security and improved nutrition and promote sustainable agriculture



In UAE based on the number of Scopus publication (2023)

Sustainable Dietary Options

Within the university campus, food courts are available in both the male and female sections, providing a diverse selection of wholesome and nutritious meal options. These include Oriental, Middle Eastern, Asian, and European cuisines, ensuring a wide variety of choices. The food courts are dedicated to accommodating the dietary preferences of all students, including those following vegan or vegetarian lifestyles. To maintain the highest standards of quality, regular health inspections are conducted across all outlets, ensuring consistent compliance with food safety regulations.



ASPIRE Research Institute for Food Security in the Drylands

The ASPIRE Research Institute for Food Security in the Drylands (ARIFSID) was established in 2021 and is funded by ASPIRE through one of the largest public research grants in the history of Abu Dhabi. The ARIFSID features multi-disciplinary research, education, and outreach program in alignment with the food security strategy of the UAE. The research foci lie on urban farming and the development of safe circular food production and supply technologies tailored to the requirements of arid climatic regions.

Philosophy

- Contribution to the achievement of UN's Sustainable Development Goals
- Involvement of the public with a focus on the youth.
- Support for farmers and entrepreneurs in the food and agricultural sector
- Diverse industry collaborations
- Long-lasting national and international partnerships in research and education

2 ZERO HUNGER



71

PUBLICATIONS IN SCOPUS (2023)



51.1%

INCREASE COMPARED TO 2022

3.47

FWCI (2019-2023)

301-400

THE IMPACT RANKINGS 2023

96

GRADUATES FROM A RELEVANT AGRICULTURE COURSE



Academic Programs:

- Bachelor of Science in Agricultural Resource Management
- Bachelor of Science in Marine Fisheries and Animal Science
- Bachelor of Science in Horticulture
- Master of Science in Horticulture
- Doctor of Philosophy in Horticultural Sciences
- BS-MS Option in Horticulture
- Bachelor of Science in Food Science
- Doctor of Philosophy in Food Science and Technology
- BS-MS Option in Food Science
- Master of Science in Food Science
- Bachelor of Veterinary Medicine
- Bachelor of Science in Nutritional Science
- Bachelor of Science in Dietetics
- Bachelor of Science in Nutritional Science
- Bachelor of Science in Dietetics
- Crop Production and Organic Farming (Concentration)



As part of the Year of Sustainability initiatives by the UAE University and in alignment with the national efforts for COP28, the UAEU Cultural and Social Club organized a workshop on "Food Security in the UAE" as part of "The Sustainability Talk" discussion series.

Dr. Mohammed Abdel Mohsen Al Yafei, Vice Dean of the College of Agriculture and Veterinary Medicine, participated in the 2nd Annual AeroFarms AgTech Innovation summit, which was hosted by the Aero Farms Group, in the presence of elite thought leaders from the worlds of horticulture, food, R&D, engineering, and indoor vertical farming to discuss the future of food supply, rapid reproduction.



LuLu Hypermarket, Kuwaitat in Al Ain city hosted a community awareness session as part of the "Sustainability Talk" series on "Empowering Community Members to Achieve Sustainability: Food Waste Management at the Household Level", which was organized by the UAEU Cultural and Social Club



The College of Agriculture and Veterinary Medicine organizes an awareness campaign on "Food Waste" within the UAE Innovates 2023 activities

The College of Agriculture and Veterinary Medicine held an awareness seminar at Al Zayedia Secondary School for Girls in Al Ain on "Reducing Food Waste" in alignment with the sustainable development goals



The UAEU research team, led by Prof. Mutamed Ayyash, focuses on post-harvest aspects of animal disease transmission and the science of fermenting meat and milk products. Their work delves into the biochemical transformations that enhance food safety, improve nutritional value, and elevate sensory qualities.

2 ZERO HUNGER



3 GOOD HEALTH
AND WELL-BEING



Ensure healthy lives and promote well-being for all at all ages

459

PUBLICATIONS IN
SCOPUS
(2023)



-2.3%

DECREASE
COMPARED TO
2022

3.18

FWCI
(2019-2023)

401-600

THE IMPACT
RANKINGS 2023

239

GRADUATES IN
HEALTH
PROFESSIONS

Research Centers

UAEU, with the generous support of the Zayed Bin Sultan Al Nahayan Charitable and Humanitarian Foundation, has established the Zayed Bin Sultan Al Nahyan Center for Health Sciences (ZCHS). The center has organized its work into a series of programs, each of which will have a mix of research, teaching and consultancy.

1. Population health and clinical epidemiology
2. Trauma and injuries
3. Mental health
4. Maternal and Child Health
5. Occupational and environmental health
6. Lifestyle determinants of health, behavior change and community development.
7. Health systems and leadership
8. Neuroscience
9. Diabetes and cardiovascular diseases
10. Respiratory diseases
11. Cancer
12. Molecular genetics & genomic medicine
13. Immunoregulation & Infection
14. Artificial intelligence and robotics applications in health
15. Nanotechnology



In cooperation with Kanad Hospital, the College of Medicine and Health Sciences organizes the event "Biological Addiction and its Psychological Impact on Women's Health"

The department of genetics and genomics offers a new groundbreaking postgraduate program and the first of its kind in the United Arab Emirates - "M.SC. in Genomic Medicine". Aiming to deliver locally trained and competent professionals that will lead the health services and research in this in this country forward in the genomic era



The Students Happiness Center/ Counseling & Wellbeing Service organizes a seminar: "Drugs Risks and Prevention" with the participation of a group of specialists

The Department of Obstetrics and Gynecology at the College of Medicine and Health Sciences, in cooperation with Health Club, Campus Life Section, organize an event entitled Obesity in women and consequences



On the occasion of the International University Sports Day, The Sports Activities Unit organized the "Annual Running Race" with the participation of the university community, including students, staff, and members of universities in Al Ain city

3 GOOD HEALTH AND WELL-BEING





The Counseling and Wellbeing Service organized a workshop on "Dealing with Stress in Hostel Environment"

The Clinical Psychology Department organized a seminar on "Medical Journey with a Self-harmer" to promote Mental Health



The Department of Biology organised a seminar on "Saving Lives: The Vital Importance for Blood Bank Services in Healthcare"

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

1

In UAE based on the number of Scopus publication (2023)

UAEU's Remarkable Ranking Achievements in 2023

- UAEU was ranked for the first time in the prestigious Shanghai World University Rankings, showcasing its growing global reputation
- UAEU was ranked in all five major subject areas, making it the only university in the UAE to achieve this distinction
- Achieved a global ranking of 290 in QS World University Rankings 2024, reflecting its excellence in academic and research performance
- Ranked in 10 out of 11 subject areas according to THE Subject Area Rankings, underlining its comprehensive academic and research strengths.



UAEU has been ranked 38 globally and 1st in the UAE according to THE Young University Rankings 2023

4 QUALITY EDUCATION



99

PUBLICATIONS IN SCOPUS (2023)



50.0%

INCREASE COMPARED TO 2022

2.12

FWCI (2019-2023)

49

THE IMPACT RANKINGS 2023

842

1ST GENERATION STUDENTS STARTING DEGREE



The College of Education hosted the fourth Meydan Forum titled "Sustainable Educational Practices," with the participation of specialists and educators from both public and private schools

The College of Education organizes a forum "Towards Innovative and Sustainable Education," in order to enhance innovation and sustainability concepts in the education system and the continuous career development for lecturers and administrators at the educational field



Library SERVICES

- Research Data Services
- Resource Sharing
- Online Services
- Lending Services
- Reference Services
- Ask A Librarian
- Course Reserves
- Resource Purchase Request
- Trial Database Evaluation
- Lecture Room Reservation
- Library Instruction Request
- Editing & IThenticate



The "Together towards Change" event, organized by the campus life section in partnership with Green Line Environmental Services Company, was aimed at introducing the significance of the COP28 conference and increasing awareness about sustainability

The College of Science organized the "College of Science Exhibition" to learn mathematics and physics in an interesting way, with the participation of more than 300 UAEU students and Al Ain schools



The College of Education organizes a forum "Towards Innovative and Sustainable Education," in order to enhance innovation and sustainability concepts in the education system and the continuous career development for lecturers and administrators at the educational field

4 QUALITY EDUCATION



5 GENDER
EQUALITY



Achieve gender equality and empower all women and girls

1

In UAE based on the number
of Scopus publication (2023)

34

PUBLICATIONS IN
SCOPUS
(2023)



54.5%

INCREASE
COMPARED TO
2022

1.66

FWCI
(2019–2023)

301–400

THE IMPACT
RANKINGS 2023

Maternity and Paternity leave: As a federal government institution, UAEU human resources policy is taken from the Federal Authority on Human Resources. Article 75 provides a period of paid maternity leave for mothers along with additional benefits following the period of maternity leave. Article 76 also provides for a period of paid paternity leave for fathers.

UAEU has traditionally provided a university environment more suited to women. Therefore, approximately 74% of our students are female and we rigorously track females' application, acceptance, and completion rates

The Health Club within the Department of Student Life initiates a power-lift competition for both male and female students



UAEU researcher examined [shifts in gender roles across three generations of Emirati women](#), offering valuable insights into evolving perspectives on gender in the UAE.



The UAEU research team explores [the role of strong social ties](#) in empowering women entrepreneurs within collectivist societies.

The United Arab Emirates University celebrated Emirati Women's Day with special Events.



5 GENDER
EQUALITY



5 GENDER EQUALITY



1196

WOMEN STARTING
DEGREE

1075

FEMALE GRADS IN
ARTS, HUMANITIES
AND SOCIAL
SCIENCES



808

FEMALE GRADS IN
STEM

144

FEMALE GRADS IN
MEDICINE



647

1ST GEN WOMEN
STARTING DEGREE

57

WOMEN STARTING
DEGREE

Ensure availability and sustainable management of water and sanitation for all

6 CLEAN WATER AND SANITATION



University Impact Forum: Clean Water & Sanitation", hosted by Times Higher Education (THE) in partnership with the United Arab Emirates University (UAEU)



108

PUBLICATIONS IN
SCOPUS
(2023)



12.5%

INCREASE
COMPARED TO
2022

2.32

FWCI
(2019-2023)

101-200

THE IMPACT
RANKINGS 2023

Free Drinking Water

The university provides free drinking water for all students, faculty, and employees. The university provides free bottled water to all staff in all offices on campus. In addition, there are many drink fountains distributed throughout the campus with instructions on safe and appropriate water usage. These are all regularly tested for micro biologicals to reduce risk to human health and each machine is also checked regularly for proper functioning. Refill bottles are readily available and replaced by our facilities team.





In collaboration with the Fujairah Research Center, the United Arab Emirates University organizes a seminar on "Water Resources Mapping and Flood Risk Assessment for Sustainable Natural Resources Management"

As part of the COP28 events, the United Arab Emirates University and Trends Research and Advisory organize a seminar on "Water Security under the conditions of climate change in the UAE."



UAEU Research Team studied the [Gulf Cooperation Council countries' water and climate research](#) to strengthen UN's SDGs 6 and 13

UAEU scientists conducted a [study on seawater biodesalination treatment using *Phormidium keutzingianum*](#) within an attached growth-packed bed continuous flow stirred tank reactor. This research explores a sustainable approach to desalination, leveraging the potential of cyanobacteria for efficient salt removal from seawater.



The National Water and Energy Center (NWECC) conducts theoretical and applied research and develops partnerships to better integrate and develop the water and energy sectors and, in the meantime to minimize the possible environmental impacts. Considering its multidisciplinary nature, the NWECC covers several research and consultancy areas related to SDG 6,

- Surface and groundwater modeling
- Water quality and contaminant transport
- Water conveyance and sustainable domestic water supply (design and implementation)
- Water desalination technology
- Irrigation water resources engineering and Precision Irrigation Management
- Studies in rainfall assessment, rainfall-runoff modeling, and watershed modeling
- Climate Change impacts, adaptation and mitigation on water resources and energy
- Water policies, pricing, and regulations
- Socio-technical interplay of water-energy systems



The Office of the Associate Provost for Research organizes a symposium on "Advances in Water Resources" in coordination with Great Arab Minds

135,167M³
VOLUME OF
WATER USED

6 CLEAN WATER
AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



Ensure access to afford- able, reliable, sustainable and modern energy for all

263

PUBLICATIONS IN
SCOPUS
(2023)



22.3%

INCREASE
COMPARED TO
2022

1.82

FWCI
(2019-2023)

101-200

THE IMPACT
RANKINGS 2023

Under the slogan "Renewable Energy for Climate Action" United Arab Emirates University and Monash University hold a joint symposium on renewable energy



UAEU has installed multiple electric vehicles charging stations across its campus and plans to further expand the number of stations in the future.

Researchers at UAEU conducted a numerical [study on the effects of cool and green roof strategies](#), focusing on indoor energy savings and outdoor cooling impacts at pedestrian level in a hot, arid climate.



UAEU has core strengths in several key areas of Energy research

- Conventional Energy (Oils and Gas)
- Enhanced Oil Recovery
- Non-Conventional Oil Production
- Gas and Gas Condensate Fields Developments
- New Sources of Renewable Energy
- Micro and Smart Grids
- Energy Efficiency
- Energy Management
- Policy Studies



UAEU research team investigated the photo-voltaic performance of MOF-derived transition metal-doped titania-based photoanodes for dye-sensitized solar cells (DSSCs).

7 AFFORDABLE AND
CLEAN ENERGY



7 AFFORDABLE AND CLEAN ENERGY



UAEU research team from the College of Engineering is examining a French residential retrofit aimed at achieving a net-zero energy target in a Mediterranean climate.

Energy Savings Approach

- Monitor energy data and equipment performance.
- Set energy reduction targets.
- Reduce unnecessary energy usage.
- Seek energy saving opportunities.

Major Projects

- Implemented Energy Dashboard to monitor energy consumption in each building
- Refined Campus Equipment Operation Modes
- LED Retrofit Projects
- Installation of Lighting Control timers
- Replacement of Cold Cathode lights by an LED solution

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

8 DECENT WORK AND ECONOMIC GROWTH



95

PUBLICATIONS IN SCOPUS (2023)



33.8%

INCREASE COMPARED TO 2022

3.13

FWCI (2019-2023)

301-400

THE IMPACT RANKINGS 2023

UAEU students and graduates interact with employers and explore new career paths in the "Employers Networking" event organized by the Center for Career Placement & Alumni



Under the theme of "UAE Innovates", UAEU launched the Future Skills and Employment Forum



On the occasion of the International Day of Happiness, the College of Business and Economics, in cooperation with the Human Resources Management Department at the University, organised an event named "SOUQ" to support the businesses of students and employees



Under the title "Pathways to Success", The United Arab Emirates University organizes a career fair with the participation of 40 government and private entities. The UAEU Career Fair opens new horizons for students and graduates to learn about future professional opportunities.



The UAEU Cultural and Social Club is organized the "Bedaya Exhibition" to support project owners.

The Abu Dhabi Department of Economic Development (ADDED) and United Arab Emirates University (UAEU) have signed a Memorandum of Understanding (MoU) to launch the Abu Dhabi Family Business Index, the first of its kind in the region. The two parties will also cooperate to strengthen the emirate's economic intelligence and research infrastructure, providing insights into economic diversification and growth.



The UAEU has a wide range of excellent benefits and facilities on offer to staff/faculty. These can benefit personal and professional development, health, wellbeing and finances.

- Pension
- Accommodation
- Furniture Allowance
- Vacation Tickets
- Children's Education
- Vacation Leave
- Medical Coverage Including Dental Coverage
- End of Service
- Training & Development
- University Social Club

2664
EMPLOYEES

1575
STUDENTS ON
WORK PLACEMENT



8 DECENT WORK AND
ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

146

PUBLICATIONS IN
SCOPUS
(2023)



67.8%

INCREASE
COMPARED TO
2022

2.03

FWCI
(2019-2023)

24

PATENTS GRANTED
IN 2023

35

PATENTS FILED
IN 2023

UAEU launches the activities of Innovation Month 2023 "UAE Innovates". UAEU is creating a generation of students capable of leading the future and achieving the vision of wise leadership to make the UAE a global innovation hub. Latest sustainability innovations were displayed in the project's exhibition within the launch of the UAEU Innovation 2023 activities.



The Campus Life - UAEU organizes "Innovative Future Exhibition" in which UAEU and Institute of Applied Technology students showcase various innovations

UAE University launched the Research and Innovation Strategy 2023–2026. It is founded on values of inclusion, transparency, innovation and creativity, sustainability, partnership, and impact and is driven by the pursuit of knowledge, excellence, the highest ethical standards, and the translation of discovery to inventions that benefit the wealth and wellbeing of both the nation and our world



District 4.0 Project

The Industry 4.0 District is a major undertaking by UAE University as part of its ambitious plan to be the “University of the Future”. This “District” is planned to host Labs and integrate various components of the Fourth Industrial Revolution (4IR) into UAEU students’ education, including courses, programs, projects, research activities, and industrial applications.



The “District 4.0” will start by hosting five major laboratories, namely.

- Smart Manufacturing Lab
- Cognitive, Artificial Intelligence and Robotics Laboratory (CAIR)
- Advanced Additive Manufacturing Lab
- Advanced Materials Characterization Lab
- Smart Grid and Smart Cities Lab

UAEU Launches District 4.0 Research Program

The United Arab Emirates University (UAEU) has introduced the innovative District 4.0 Research Program, providing funding to support 10 student-led projects. This initiative focuses on fostering advanced research and innovation aligned with Industry 4.0 principles, empowering students to contribute to cutting-edge technological advancements.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



The Campus Life - UAEU organizes "Innovative Future Exhibition" in which UAEU and Institute of Applied Technology students showcase various innovations

In alignment with the United Arab Emirates University (UAEU) vision of fostering leadership and innovation in higher education and scientific research, UAEU has launched the [Patent Registration Accelerator Platform](#) as part of the UAE Innovation Month 2023 activities.



The College of Information Technology organized the 15th International Conference on ["Innovations in Information Technology"](#) 2023

Reduce inequality within and among countries

1

In UAE based on the number of Scopus publication (2023)

Students of Determination Services Center ensures that all UAEU students with disabilities have access to educational opportunities equal to their fellow students.

UAEU Assistive Technology Lab is equipped with PC computers that use assistive technology software and equipment that feature:

- Text-to-Speech software
- Screen reader software
- Screen enlargement software
- CCTV and portable text magnification systems
- Printer access for note-takers
- Flat screen monitors
- Braille printer
- Braille sensor
- Adaptive mice and keyboards
- Adjustable tables

10 REDUCED INEQUALITIES



77

PUBLICATIONS IN SCOPUS (2023)



40.0%

INCREASE COMPARED TO 2022

2.6

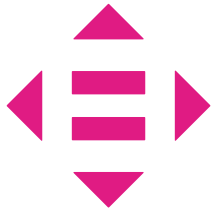
FWCI (2019-2023)

101-200

THE IMPACT RANKINGS 2023

1150

STUDENTS FROM DEV. COUNTRIES



Accessible facilities

Accessible Parking

Free parking is available across all UAEU campuses. Designated disabled parking spaces are reserved for individuals displaying a valid disability parking permit.

Website Accessibility

UAEU is committed to providing an inclusive and accessible digital environment for all users, including those with special needs. Our website is designed to support assistive technologies, such as text browsers and screen readers, ensuring seamless access for all.

On-Campus Accessibility

UAEU ensures that its campuses are fully accessible to all students and visitors. Concrete pathways connect major buildings, while learning and teaching spaces are equipped with ramps or lifts to accommodate individuals with mobility challenges

Research Highlights

- UAEU research team delves into the critical role of principals in fostering inclusivity and tailoring their leadership styles. This [ground-breaking study](#) highlights the inclusive behaviors of successful leaders, equipping them to lead effectively in special education schools.
- UAEU research team conducted a [mixed-methods](#) study to understand the perceptions of college students with disabilities (SWDs) on inclusive teaching, social inclusion, and overall satisfaction. The study also compared perceptions of support availability and learning quality between students with and without disabilities, shedding light on areas for improvement in inclusive education

The United Arab Emirates and the Department of
Community Development celebrate World Social Day



Students from

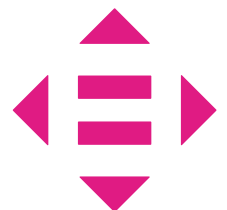
89 Countries



Faculty Members
from more than

75 Countries

10 REDUCED
INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



Make cities and human settlements inclusive, safe, resilient and sustainable

108

PUBLICATIONS IN
SCOPUS
(2023)



14.9%

INCREASE
COMPARED TO
2022

1.53

FWCI
(2019-2023)

UAEU students invent a system to monitor accidents within 8 seconds through cameras installed in streets and roads, using artificial intelligence techniques. The new innovation sends a warning to the concerned authorities through a control panel, which displays all the accident-related information, such as location, time, and date, in addition to attaching a picture of the site via the camera in the system, to ensure the validity of the warning. The authorities, in turn, send police cars or ambulances to the site. This takes only 8 seconds using this system, and it is sufficient to save those affected by the accident.



The United Arab Emirates University Hosts the Thirteenth Edition of the Information Technology Marathon 2023

Within the initiatives of the UAE University for the Year of Sustainability 2023, and in support of the national efforts ahead of COP 28, H.E. Mohammed bin Ahmed Al Mahmoud Al Balushi's majlis hosted a lecture entitled "The Role of Community in Achieving Sustainability" as part of the "Sustainability Talk" series organized by the UAEU Cultural and Social Club



In the presence of a delegation from the leadership of the International Road Federation in the USA, UAEU announces that the Emirates Center for Mobility Research (ECMR) has become a member of the International Road Federation, establishing itself as the first academic research body in the UAE to be a part of this organization.

ECMR at UAEU is registered as a consulting body with the Department of Planning and the Economy and the Abu Dhabi Chamber of Commerce and Industry for roadways and transportation projects. It is also registered as an engineering consultancy with the municipalities of both Abu Dhabi and Al Ain.

ECMR's strength revolves around its five Research Groups

- Efficient Infrastructure
- Green Mobility
- Connected & Autonomous Mobility (CAM)
- Integrated Mobility
- Safe Mobility





Within the UAEU's agenda for the Year of Sustainability 2023 and in support of national efforts ahead of COP28: LuLu Hypermarket, Kuwaitat in Al Ain city hosted a community awareness session as part of the "Sustainability Talk" series on "Empowering Community Members to Achieve Sustainability: Food Waste Management at the Household Level", which was organized by the UAEU Cultural and Social Club.

Al-Futtaim Automotive and the prestigious research arm of UAE University, Emirates Center for Mobility Research, signed a Memorandum of Understanding at the Al-Futtaim Stand to jointly initiate trainings, workshops and knowledge exchange in the field of automotive and e-mobility.



UAE University holds youth panel discussion: "Impact of Cultural Indicators on Shaping Inclusive, Creative and Sustainable Cities" during its participation in the Conference of the Parties "COP 28

Ensure sustainable consumption and production patterns

United Arab Emirates University Granted a [new patent](#) from United States Patent and Trade Mark Office "Biodegradable and safe drinking straws from date palm leaves as substitute for plastic straws". The synthesis method is described as cost-effective and environmentally friendly, using non-toxic processes that remove all impurities. This ensures that the resulting straws are completely natural and free of any chemical additives, making them safe and sustainable for use.



The UAEU research team conducted a [study focusing on the comprehensive utilization of date seeds \(DSs\)](#) for producing biodiesel, bioethanol, and bio-oil. To enhance the efficiency of the process, the study evaluated oil extraction as a pretreatment method to improve enzymatic hydrolysis. This approach aimed to optimize the conversion of date seeds into sustainable biofuels, contributing to renewable energy solutions.

Khadamat Facilities Management provides Waste Management services on behalf of United Arab Emirates University

Waste Management Reduction Plan objectives are:

- Minimize waste transfer to landfill and, wherever possible, maximize waste material avoidance, reuse, and recycling.
- To increase the awareness of all employees and subcontractor employees to ensure they understand their responsibilities of waste management.
- To comply with all relevant legislation and regulatory requirements relating to waste management and minimization

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

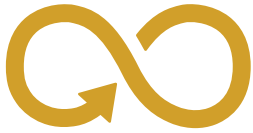


92
PUBLICATIONS IN SCOPUS (2023)



50.8%
INCREASE COMPARED TO 2022

2.54
FWCI (2019-2023)



Using innovative methods, working to efficiently dispose of e-waste, reducing environmental risks and aligning with Sustainable Development Goal 12 for responsible consumption and production. A multidisciplinary project led by Prof. Mohammed-noor Altarawneh and Mr. Labeeb Ali, PhD Student at UAEU tackles the pressing issue of electronic waste (e-waste) and hazardous additives like brominated flame retardants (BFRs). The research does not only minimizes toxic emissions but also contributes to a zero-emission approach, supporting sustainability goals and UAEU's commitment to a greener future.

Within the UAEU's agenda for the Year of Sustainability 2023, in support of pre-COP 28 national efforts, and within the UAEU roadmap towards COP28 and beyond (2023-2026), the College of Agriculture and Veterinary Medicine held an awareness seminar at Al Zayedia Secondary School for Girls in Al Ain on "Reducing Food Waste" in alignment with the sustainable development goals



The College of Agriculture and Veterinary Medicine organizes an awareness campaign on "Food Waste" within the UAE Innovates 2023 activities

Within the initiatives of the UAE University for the Year of Sustainability 2023, and in support of the national efforts ahead of COP 28, H.E. Mohammed bin Ahmed Al Mahmoud Al Balushi's majlis hosted a lecture entitled "The Role of Community in Achieving Sustainability" as part of the "Sustainability Talk" series organized by the UAEU Cultural and Social Club



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE ACTION



Take urgent action to combat climate change and its impacts

142

PUBLICATIONS IN
SCOPUS
(2023)



32.7%

INCREASE
COMPARED TO
2022

2.04

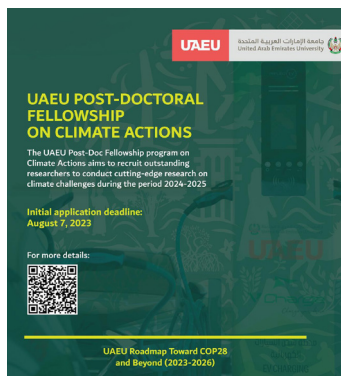
FWCI
(2019-2023)

United Arab Emirates University (UAEU) has participated in [COP28 UAE](#), showcasing activities and initiatives that support the environment and climate action.



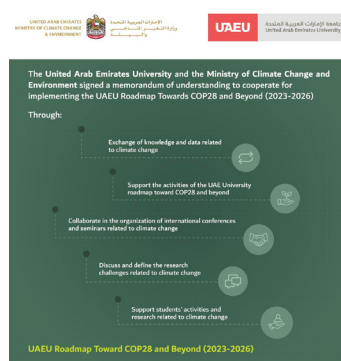
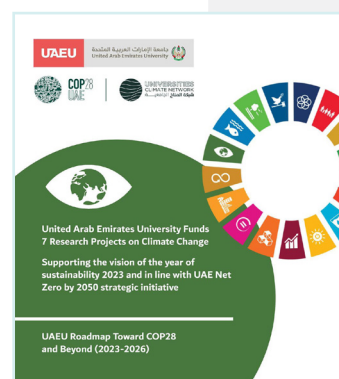
Within the initiatives of the UAE University for the Year of Sustainability 2023 and in support of the national efforts ahead of COP 28, the UAEU Cultural and Social Club organizes a discussion session on "The Water Security Despite the Climatic Change Challenges," which was presented by Dr. Dalal Matar Al Shamsi.





Within the United Arab Emirates University agenda for the Year of Sustainability 2023 and in support of national efforts ahead of COP28 UAE, UAEU launched the UAEU Post – Doctoral Fellowship Program on Climate Actions.

United Arab Emirates University funds 7 research projects on Climate Change, supporting the vision of the Year of Sustainability 2023 and in line with UAE Net Zero by 2050 strategic initiative



The United Arab Emirates University has signed a memorandum of understanding with the Ministry of Climate Change and Environment to implement the #UAEU roadmap towards #COP28 and beyond (2026-2023)

13 CLIMATE ACTION





Courses

- ARCH 532 Sustainable Architecture & Urban Environments in Hot Climate
 - GESU 121 Sustainability
 - GEO 452 Climatology
 - GEO 462 Current Environmental Issues
 - ECON 237 Environmental and Energy Economics
 - ARCH 433 Environmental Systems & Control
 - BIOE 240 Principles of Environmental Science
 - CIVL 270 Introduction to Environmental Engineering
 - CHEM 423 Environmental Chemistry
-



College of Agriculture and Veterinary Medicine, held a workshop on "Reducing Food Waste and Climate Action" in collaboration with the Office of Associate Provost for Research.



As part of the United Arab Emirates University efforts to support national initiatives addressing climate change and sustainability, faculty members and researchers have published over 100 research papers according to Scopus data related to Sustainable Development Goal 13, focused on climate action, in 2023.

Environment Agency – Abu Dhabi (EAD) has announced the [official launch](#) of Abu Dhabi Environmental Research Network (AD-ERN), a community of research scientists, research institutions and allied innovators. Eight universities have joined ADERN as founding institutional members. These include Abu Dhabi University, Al Ain University, American University of Sharjah, Khalifa University, NYU Abu Dhabi, Sorbonne University Abu Dhabi, United Arab Emirates University (UAEU), and Zayed University.



UAEU conducted the workshop on "Early Childhood Climate Change Kit" emphasize the importance of involving the younger generations in efforts to address climate change

Professor Dr. Ahmed Ali Murad, the Associate Provost for Research at UAEU, participates in a panel discussion on "Environmental Education in Higher Education" organized by Mohamed Bin Zayed University for the Humanities at COP28.



The Department of Geography and Urban Sustainability at the College of Humanities and Social Sciences organizes a seminar titled "The Twenty-Eighth Conference of Parties and Beyond: Geographic Insights on Environmental Challenges"

13 CLIMATE ACTION





As part of the events of UAEU in COP28, a workshop titled "Climate Tracker Application: Awareness and Habit Control"



To find the sustainable solutions that support climate and nature, The United Arab Emirates University and Seoul National University hold the "Climate Forum"



Conserve and sustainably use the oceans, seas and marine resources for sustainable development

1

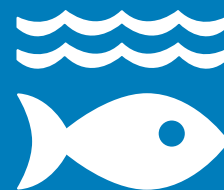
In UAE based on the number of Scopus publication (2023)

Environment Agency – Abu Dhabi (EAD) is implementing a [satellite tracking project](#) for kingfish, in cooperation with United Arab Emirates University (UAEU), with the aim of managing migratory fisheries in Abu Dhabi. This will be achieved by studying the behaviours and migration patterns of kingfish in the waters of the Arabian Gulf and identifying their biological characteristics, while also highlighting their breeding seasons in Abu Dhabi's waters.



UAEU's College of Science research team is [contributing to conservation efforts](#) aligned with the UAE's National Plan of Action for Sharks, addressing the impacts of fishing and coastal development on these populations through research activities.

14 LIFE BELOW WATER



31

PUBLICATIONS IN SCOPUS (2023)

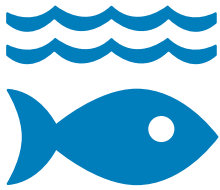


10.7%

INCREASE COMPARED TO 2022

1.39

FWCI (2019–2023)



The College of Agriculture and Veterinary Medicine organized a workshop titled "Overview of Recent Innovative Developments in Hydroponics for Food Production," highlighting cutting-edge advancements in sustainable and efficient food production methods.

UAEU researcher recently participated in a collaborative study on the [Applications of Machine Learning in Chemical and Biological Oceanography](#). This interdisciplinary work explores how advanced machine learning techniques can enhance the understanding of oceanic processes, including chemical composition analysis and biological patterns in marine ecosystems. Such research has significant implications for climate modeling, biodiversity conservation, and sustainable marine resource management.

Academic Program :

[Bachelor of Science in Marine Fisheries and Animal Science](#)

Courses

- GESU 121 Sustainability
- ARAG 205 Introduction to Fish & Animal Science
- ARAG 230 Principles of Fisheries Management
- ARAG 325 Fisheries Management and Conservation
- ARAG 424 Fish Breeding and Propagation
- ARAG 425 Shellfish and Molluscan Aquaculture
- ARAG 326 Mariculture
- ARAG 426 Aquatic Ecology
- ARAG 430 Fisheries Stock Assessment
- ARAG 433 Fish Nutrition
- GEO 411 Oceanography
- BIOE 454 Marine Biology

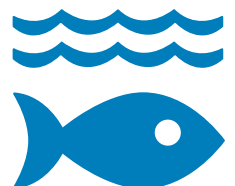
A delegation comprising faculty members and students from the Department of Integrative Agriculture, College of Agriculture and Veterinary Medicine, visited the Al Ain Aquaponic Farm.



The United Arab Emirates University organizes a seminar on the impact of climate change on coastal areas and shallow marine environments in UAE and Oman, in collaboration with Sultan Qaboos University



14 LIFE
BELOW WATER



15 LIFE
ON LAND



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

1

In UAE based on the number of Scopus publication (2023)

37

PUBLICATIONS IN
SCOPUS
(2023)



27.6%

INCREASE
COMPARED TO
2022

2.21

FWCI
(2019-2023)

Empowering African Women for Sustainable Agriculture

Aligned with UAEU's COP28 roadmap and the Year of Sustainability, the United Arab Emirates University, in collaboration with the UAE Ministry of Foreign Affairs and the Sheikha Fatima Initiative, launched the SDG Research Program to Empower African Women in Achieving Agricultural Sustainability. Through partnerships with Ethiopia's Haramaya University and Senegal's Gaston Berger University, UAEU is funding impactful research projects that promote sustainable agriculture and women's empowerment across Africa

UAEU organized a Seminar on "African Women Empowerment Research Program to achieve Agriculture Sustainability"



Revolutionizing Date Palm Pollination with Drones

UAEU, in collaboration with Emirati agtech company Code Three Fourteen, has developed groundbreaking drone technology to boost the UAE's date production and export industry.

This innovative approach enables researchers to pollinate date palms more than 70 times faster than traditional methods, using drones equipped with an effective and safe spray system. A game-changer for sustainability and agricultural efficiency in the region



In collaboration with Auburn University at Montgomery, the UAEU team conducted a study on the sustainable environmental practices of the Soqatra people. This research highlights traditional ecological knowledge and its role in preserving biodiversity and promoting sustainability in one of the world's most unique ecosystems.

UAEU faculty members are researching sustainable farming practices, leveraging technology to reduce land degradation and enhance soil health in dryland ecosystems.

"Tree Planting Initiative" organised by the College of Agriculture and Veterinary Medicine and the UAEU Cultural and Social Club as part of the UAE University initiatives for the Year of Sustainability 2023 and in support of the national efforts prior to COP28.



A UAEU research team, in collaboration with international partners, is studying the inconsistencies between international nature conservation laws and the adaptation of biodiversity to [climate change](#).

Native Plants and Sustainability Forum

Dr. Zainab Ahmed from the Department of Integrative Agriculture participated in the "Native Plants and Sustainability Forum" organized by the Fujairah Environment Agency and the Fujairah Research Center on February 23, 2023.

1. Training Visit of (ADVETI) student to UAEU

The Department of Veterinary Medicine held a practical training for ongoing Diploma students of the Abu Dhabi Institute for Vocational Education and Training (ADVETI) on the Laboratory procedures and activities that are performed in the Clinical Pathology Laboratory, demonstration of a couple of blood tests, explanation of equipment and hematology principles applied. They were also briefed on the examination procedures that are performed in the Veterinary Public Health Research Laboratories (VPHRL) and food security.

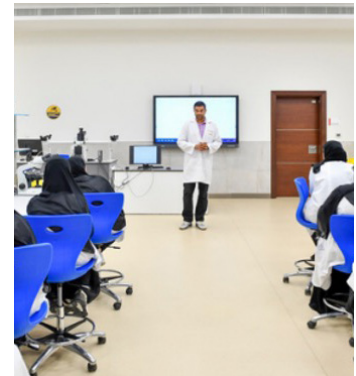
15 LIFE ON LAND



15 LIFE ON LAND



During Afforestation Week, the College of Agriculture and Veterinary Medicine hosted a workshop titled "Hand in Hand to Make Our Center Greener." The workshop focused on offering advanced services to people of determination, fostering a positive environment that empowers them educationally, functionally, culturally, and socially in alignment with their abilities and aspirations. This initiative aimed to further engage societal roles and promote social development. The workshop featured a coloring session for younger students and a terrarium-building activity for older students.



Minor in Ecological and Environmental Biology

Ecology and Organismal Biology Concentration

Crop Production and Organic Farming Concentration

Courses

- BIOC 250 Basic Ecology
- BIOE 250 Biodiversity and Evolution
- BIOE 310 Insect Diversity, Ecology, and Systematics
- BIOE 320 Population and Community Ecology
- BIOE 330 Diversity and Biology of Fungi
- BIOE 340 Biology and Diversity of Mammals
- BIOE 380 Desert Ecology
- BIOE 391 Field Ecology
- BIOE 390 Wildlife & Rangeland Management
- ARAG 401 Sustainable Agriculture in Arid Lands
- ARAG 402 Woody Plants in the Landscape
- ARAG 451 Landscape Management for Arid Lands
- ARAG 454 Landscape Design
- ARAG 408 Survey of Plant Communities in Arid Lands
- ARAG 455 Nursery and Greenhouse Operations
- ARAG 305 Principles of Organic Horticulture
- ARAG 404 Vegetable Production in Arid Lands
- ARAG 407 Design of Organic Production System
- ARAG 452 Palms and Dates
- ARAG 410 Fruit Production in Arid Lands
- GEO 402 Land Use
- GEO 412 Geography of Arid Lands

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



43

PUBLICATIONS IN
SCOPUS
(2023)



115.0%

INCREASE
COMPARED TO
2022

6.62

FWCI
(2019-2023)

The Legal Clinic at the College of Law is hosting a course on "The Validity of Digital Evidence in Criminal Proof."



Within the UAEU's agenda for the Year of Sustainability 2023, in support of pre-COP 28 national efforts, and within the UAEU roadmap towards COP28 and beyond (2023-2026), as part of the 'Sustainability Talk' series, the UAEU Cultural and Social Club organized a dialogue session on "The Role of Public Policies in Promoting Sustainability".



Office of Legal Affairs & Policy

Provided legal opinion and legal representation through three main units:

- Litigation Unit
- Contracts and Agreements Unit
- Legislation and Policy Unit

Academic Programs:

- Bachelor of Law
- Doctor of Philosophy in Law
- Master of Private Law
- Master of Public Law
- Bachelor of Arts in Political Science
- Minor in Citizenship
- Minor in Political Science
- Minor in Family Studies

UAEU Center for Public Policy and Leadership (CPPL) is a specialized academic and research unit serving the governmental institutions, federal and local, alongside the private sector, by providing effective solutions and innovative approaches towards various governance issues. The research agenda of the Center focuses on issues related to public policy and leadership in the UAE that includes:

- Economic policies
- Social policies
- Labor policies
- Media policies
- Security policies
- Health policies
- Education policies
- Governance programs and government excellence

His Excellency Dr. Ali Rashid Al Nuaimi, Chairman of the Defense, Interior and Foreign Affairs Committee at the Federal National Council, delivers a lecture entitled "The Emirates: A Message of Peace" to students of UAEU



The College of Law organized a seminar on "The role of judiciary in accompanying legislative developments in the UAE"

The College of Law, in cooperation with the College of Humanities and Social Sciences, organized a lecture on "Laws we should know in order to avoid misuse of smart technology" which discussed ways to deal with websites and social media



16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



17 PARTNERSHIPS
FOR THE GOALS



Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

301–400

THE IMPACT
RANKING 2023

75.3%

OF PUBLICATIONS
IN 2023 WITH
INTERNATIONAL
COLLABORATION

31

MOUS IN 2023

The United Arab Emirates University has signed a memorandum of understanding with the Ministry of Climate Change and Environment to implement the UAEU roadmap towards COP28 and beyond (2023–2026).



United Arab Emirates University participates in a dialogue session entitled: "The Role of Cooperation Between Universities in Sharing Data for Sustainable Development Goals" during the "Leadership Forum: Leadership for a Sustainable Future" organized by the Hong Kong University of Science and Technology



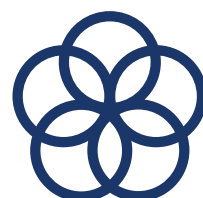
As part of the [UAEU agenda](#) for the Year of Sustainability, 2023, the UAEU participated in the Global Sustainable Development Congress, held at King Abdullah University of Science and Technology (KAUST) in KSA from May 29 to June 1, 2023, and hosted a fringe event on the topic "SDG 6: Ensuring access to clean water and sanitation for all"

UAEU organized a workshop at Kuala Lumpur to Discuss Research Collaboration with the University of Malaya and Universiti Teknologi Malaysia (UTM)



The College of Business and Economics at UAEU hosts the joint [academic conference](#) of the British Accounting and Finance Association (BAFA) for the Northern Region.

17 PARTNERSHIPS
FOR THE GOALS



17 PARTNERSHIPS FOR THE GOALS



The College of Business and Economics hosts the joint academic conference of the British Accounting and Finance Association (BAFA) for the Northern Region.



UAEU and "STRATA" discuss ways of Cooperation for training national engineering students in the field of Aerospace Industry

A delegation from Singapore Management University visits UAEU and discusses ways of joint cooperation



A delegation from the Hungarian John von Neumann University discusses cooperation opportunities and visits several facilities at the university

As part of the UAEU agenda for the Year of Sustainability, 2023, the UAEU will be participating in the Global Sustainable Development Congress, which will be held at King Abdullah University of Science and Technology (KAUST) in KSA from May 29 to June 1, 2023.

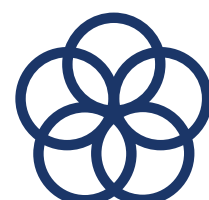


UAEU and Abu Dhabi University launch a strategic partnership to enhance scientific research outputs

UAEU organized the University Challenge, featuring the participation of 25 teams representing 17 universities from the UAE, Oman, Egypt, and Jordan. The event showcased innovative projects that addressed various aspects of government communication, highlighting their potential to contribute positively to communities through sustainable practices.



17 PARTNERSHIPS
FOR THE GOALS



17 PARTNERSHIPS FOR THE GOALS



Prof. Ahmed Ali Murad – Associate Provost for Research participates in a dialogue session entitled: “The Role of Cooperation Between Universities in Sharing Data for Sustainable Development Goals” during the “Leadership Forum: Leadership for a Sustainable Future” organized by the Hong Kong University of Science and Technology



Institutions collaborating with United Arab Emirates University (2019 to 2023)

Region	Collaborating Institutions	Co-authored publications
Worldwide	4974	7545
Africa	396	1551
Asia Pacific	1530	3640
Europe	1560	2505
Middle East	535	3378
North America	755	1790
South America	198	408

UAEU Collaboration Type 2019–2023 (%)

Type of Collaboration	2019	2020	2021	2022	2023	Overall
International Collaboration	65.1	69.8	68.7	73.7	75.3	71.5
National Collaboration	7.4	5.7	7.1	7	6.5	6.7
Institutional Collaboration	19.6	17.5	17.9	14.4	14	16.1
Single Authorship	7.8	7	6.3	4.9	4.3	5.7

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