

17.2.1. Cooperation with Governmental organizations

Alexandria University strengthens its sustainable development role through strategic cooperation programs that enhance governance, legal capacity, and environmentally driven economic growth. The University's partnership with the General Syndicate of Lawyers supports advanced research, professional training, data-driven policy development, and joint academic activities, creating a model for institutional collaboration that improves justice-sector performance and public-service outcomes across the nation.

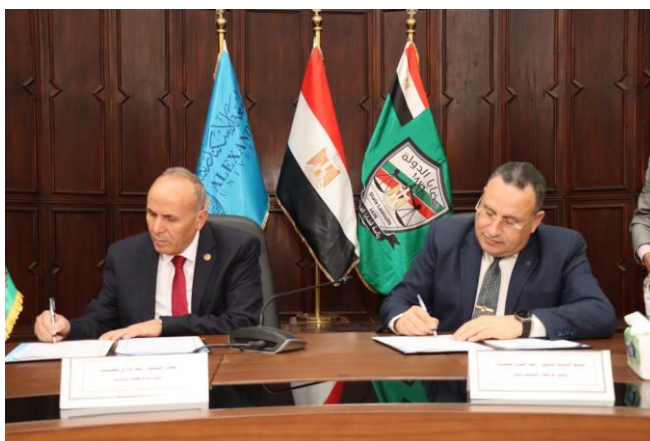
In parallel, cooperation with the Agricultural Bank of Egypt expands opportunities in agriculture, land development, and rural regions, using scientific evidence, technological innovation, and environmentally focused programs to address challenges facing developing countries. Through shared resources, integrated systems, and field-based evaluation, the partnership improves production, supports climate-resilient ecosystems, and accelerates sustainable growth benefiting local communities, students, and future projects in Egypt and the wider Africa–Asia context.

President of Alexandria University and Head of the State Lawsuits Authority Sign Cooperation Protocol

Alexandria University has direct involvement with to identify and contribute to solving problems and challenges, and developing policies and strategies, that enables adaptive management practices.

Professor Dr. Abdelaziz Konsowa, President of Alexandria University, and Counselor Abdelrazzak Mahmoud Shoaib, Head of the State Lawsuits Authority, signed a cooperation protocol with the aim of developing aspects of cooperation in areas of common interest and related academic, research and training activities for SDG management policy development.

The signing of the protocol was witnessed by Dr. Saeed Allam, Vice President of Alexandria University for Community Service and Environmental Development Affairs, Dr. Ali Abdelmohsen, Acting Vice President of the University for Education and Students Affairs, Dr. Hisham Saeed, Vice President of the University for Graduate Studies and Research, Dr. Mohamed El-Feki, Dean of the Faculty of Law, Alexandria University, and Dr. Mayada Abdelkader, Acting Vice Dean of the Faculty of Law for Graduate Studies and Research.



Dr. Konsowa stressed that the protocol aims to consolidate cooperation between the two sides in all fields, especially SDGs policies and relevant legal fields, and to assist researchers and students from the State Lawsuits Authority in the field of legal, administrative and economic studies by providing academic references and indexes, and benefiting from human and specialized capabilities in scientific, training and research fields by organizing conferences, seminars, workshops and training courses. He added that there will be an exchange of scientific production (periodicals - studies - reports - research - magazines - scientific bulletins) between the two parties, and providing all means of assistance to the State Lawsuits Authority members to register in specialized educational and research programs in the master's and doctorate degrees. Dr. Konsowa explained that under this protocol, a joint committee will be formed from Alexandria University (Faculty of Law) and the State Lawsuits Authority (Center for Judicial Studies) to coordinate between them regarding the implementation of the provisions of this protocol and to develop an executive plan for joint activities and propose programs, activities and various other events.



Counselor Abdelrazzak Mahmoud stressed that through this protocol, the legal library of both parties will be provided with the most important books, encyclopedias, scientific and research papers, and legal references, in addition to providing each party with the opportunity to access their respective electronic platforms, in addition to cooperation in conducting research and studies, and preparing working papers in order to contribute to developing the legal culture of both parties, and exchanging academic and judicial cadres, experts, and specialists according to the scientific, training, and student research programs.



Alexandria University cooperate with local, regional, national or global governments on water security contributing to SDG6

1. A cooperation protocol was signed between Alexandria University and Alexandria Sewerage Company to employ outstanding graduates from the faculties of Engineering, Commerce, Law, Science, and Arts over the past five years, based on the actual needs and annual workforce plan of the sewerage company. Additionally, the protocol aims to prepare a new generation of skilled professionals in modern technologies. It includes agreements for employees to access masters and doctoral programs at reduced fees and to conduct workshops and training courses with professors from Alexandria University to enhance partnerships for sector performance and achieve sustainable development goals.
2. The Center of Excellence for Water is organizing a training program for scholarship students. This training is conducted in collaboration between the Water Excellence Center at Alexandria University and EPROM Company to provide a course for a group of students from the Water Excellence Center. This initiative reflects Alexandria University's commitment to equipping its students with practical skills related to water management, ensuring they possess the competencies needed by the business sector while aligning their studies with labor market requirements. The Center of Excellence for Water at Alexandria University has organized a training program for students in the Water Excellence Center Scholarship and the Civil and Environmental Engineering Program. Alexandria University, EPROM Company, and the students are participating in the following two training programs:
 - **Water Treatment for Industrial Applications**
 - **Wastewater Plant Operations and Troubleshooting.**
3. **Green Cycle project in the Faculty of Pharmacy - Alexandria University**

The project began in October 2022 by organizing a number of events in cooperation between the Community Service and Environmental Development Committee, ASPSA, and the Alexandria Rotary Clubs, under the supervision and organization of Faculty of Pharmacy - Alexandria University.

Also, the faculty is seriously seeking to implement a grey water (wastewater) recycling system that depends on reusing wastewater from sewage basins only (without using wastewater from laboratory basins) by re-pumping it into the flushing bins in the toilets after work. Filtration and primary treatment. The grey water recycling initiative has a significant impact on rationalizing water use.

Also, taking advantage of rainwater for use in irrigation and regulatory operations.

Alexandria University have generalized this initiative in some of the faculties of Alexandria University in gradual stages.
4. **Integrated strategy Project for rainwater management in Alexandria Governorate in cooperation with Alexandria University**

Remote sensing technology was used to know the current values of Rain and assess the current situation with the help of satellites. This is done with the help of the following artificial satellites:

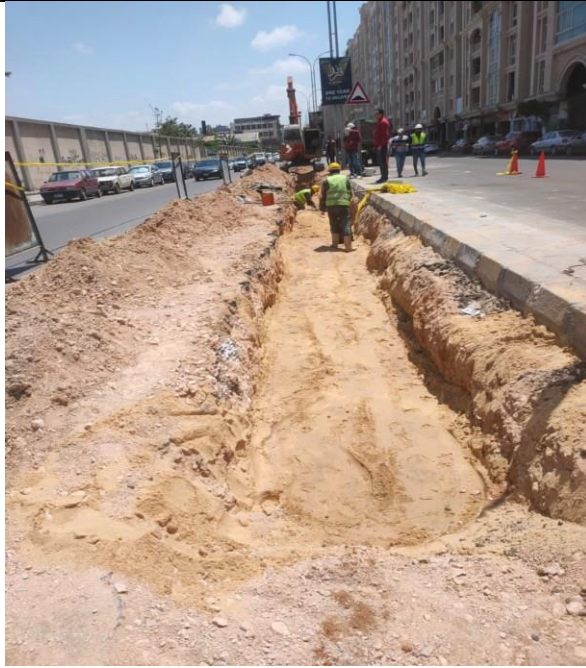
 - TRMM and GPM are two of the NASA satellites. (Administration National Aeronautics and Space Administration, United States of America)
 - NOAA (National Oceanic, Atmospheric, and Space Administration, United States of America)
 - NCEI (National Center for Environmental Information in the United States of America)

Proposed rain management strategy

A separate network will be created to drain rainwater for the nearest body of water for areas close to the body of water. The first area is the Corniche, where rainwater is collected and discharging it into marine estuaries. The second area is on both sides of the Mahmoudiyah and Beheira axis near the airport. The rainwater is collected and part of it is drained on the canal and the other

[illegible]

Integrated strategy project for rainwater management in Alexandria Governorate in cooperation with Alexandria University



Integrated strategy project for rainwater management in Alexandria Governorate in cooperation with Alexandria University



Before performing the integrated strategy project



[2]

National Cooperation in the health sector: Minister of Higher Education Inaugurates Educational and Health Projects in Alexandria Governorate contributing to SDG3

Created: 26 October 2024



Dr. Ayman Ashour, Minister of Higher Education and Scientific Research, inaugurated a number of educational and health projects at Alexandria University this morning, Saturday, accompanied by Dr. Abdelaziz Konsowa, President of Alexandria University, Dr. Mustafa Refaat, Secretary of the Supreme Council of Universities, and a group of university presidents, and leaders of the ministry and the university.

The Minister began his visit by inaugurating the Vascular Catheterization Unit at Smouha University Hospital. The unit is considered one of the most modern vascular surgery and interventional

catheterization units, and contains a modern catheterization device. This unit serves a wide segment of patients visiting Alexandria University hospitals and the surrounding governorates.

The Minister also inaugurated the Cardiac Care Unit at Smouha University Hospital, which is equipped with two units for cardiac and coronary artery catheterization. The unit operates 24 hours a day, seven days a week. The catheterization department has also been equipped with a rotablator spiral perforator and an IVUS intracoronary ultrasound device.

The Minister also inaugurated the Manchester Building at Al-Mowasat Hospital, which is dedicated to students enrolled in the joint program in the field of medicine and surgery, in cooperation with the University of Manchester, Britain. It consists of two buildings, an administrative building and an educational building, consisting of 4 floors, and includes lecture halls, computer labs, clinical simulation labs, small classrooms, and a library.

Dr. Ayman Ashour also visited the Faculty of Engineering, where he inaugurated Hall 1 of the Faculty after its redevelopment and renovation, and a number of adjacent rooms were added, in addition to some annexes to transform it into an integrated conference center for the university. The centre consists of a main hall and five seminar halls of different sizes equipped with smart screens to host various seminars and events. The main hall includes a theater equipped with all technological media to host various events, whether cultural, artistic or scientific, in addition to a hall for VIPs, service rooms and changing rooms in the case of artistic performances.

Dr. Ayman Ashour also inaugurated several projects in 5 university hospitals via video conference, namely the Pediatric Ophthalmology Surgery Unit at the One-Day Services Center of the Main University Hospital after its development, the Hearing and Balance Center at the One-Day Services Center after its development, the Injury and Spine Injuries Treatment Unit at El-Hadra University Hospital, in addition to the Radiotherapy Building for the Treatment of Pediatric Tumors at Borg El Arab University Hospital, which led to an increase in the capacity and medical services provided to treat children with malignant tumors. A number of units were also inaugurated after their development at the Main University Hospital, including the first-of-



its-kind Brain and Nerve Tumor Surgery Capsule in the Northern Region, in addition to the opening of some intensive care units at the Main University Hospital, and the opening of the Central Laboratory for Analysis after its development to become a central automated laboratory to reduce the rate of human errors and increase the accuracy of medical tests. The Stroke Unit at El-Hadra University Hospital was also developed, which obtained accreditation from the World Stroke Organization.

The Minister stressed that the Ministry pays great attention to developing medical and health services at university hospitals, as one of the main pillars in providing health services to citizens, alongside the Ministry of Health hospitals, in addition to their educational and training role in preparing highly qualified doctors. He praised the unprecedented development witnessed by these hospitals, thanks to the unlimited support of the political leadership, noting that university hospitals enjoy the trust of citizens due to the distinguished health services they provide.

Dr. Ayman Ashour also praised the development witnessed by Alexandria University, which contributes to fulfilling its mission as desired, and providing the best medical services to citizens visiting its hospitals, praising the important role played by Alexandria University with its distinguished scientific cadres and expertise in all specializations to serve citizens in various sectors, especially the medical and therapeutic sectors.

Dr. Ashour stressed that these achievements and development at the university hospitals reflect the great interest that the political leadership pays to developing and modernizing university hospitals across the republic, in order to provide the best services to citizens, as well as reflecting the state's keenness to continuously support universities to carry out their scientific, educational and societal roles as required.

For his part, Dr. Abdelaziz Konsowa stressed that Alexandria University is keen to develop its educational facilities and raise the efficiency of its infrastructure to improve the quality of the educational and research processes at the university, as well as raise the efficiency of the university hospitals with the aim of increasing their capacity and improving the level of medical and therapeutic services provided to citizens.

Dr. Abdelaziz Konsowa pointed out that Alexandria University Hospitals play a major role in providing health services to the people of Alexandria Governorate and neighboring governorates, explaining that the university is keen to provide all modern technical needs and training on the latest developments that contribute to improving the skills of medical cadres and continuous development in the medical and health fields in order to raise the level of cadres working in the health field and medical services provided to citizens, in line with the implementation of the objectives of the National Strategy for Higher Education and Scientific Research, and the implementation of the strategic plan that the Egyptian state adopts to support and develop the health sector, in implementation of the directives of the political leadership on the importance of increasing efforts to develop the Egyptian health system and raise the efficiency of university hospitals, which are the core of medical services.

Dr. Ali Abdel Mohsen, Acting Vice President for Education and Student Affairs, Dean of the Faculty of Medicine, and Chairman of the Board of Directors of Alexandria University University Hospitals, explained that the hospitals have witnessed the implementation of many important projects to improve the level of health services provided to citizens, extending his thanks to civil society institutions and the private sector for supporting the efforts to develop the university hospitals at Alexandria University.

Dr. Essam El-Badawy, Executive Director of University Hospitals at Alexandria University, confirmed that the university was keen to equip university hospitals with the latest medical devices and increase

the capacity, pointing out that several medical projects were implemented in hospitals, as well as the creation of several units and the development and upgrading of the efficiency of many departments in 5 hospitals, which are: (the main university hospital, the one-day service center, Smouha Medical



Hospital, Borg El Arab Hospital, and Hadra University Hospital).

President of Alexandria University Receives Delegation of Scientific Research and Technology Academy to Discuss Cooperation in Quantum Computing Field contributing to SDG4

Created: 14 July 2024



Professor Dr. Abdelaziz Konsowa President of Alexandria University, received Dr. Gina El-Feki, Acting President of the Academy of Scientific Research and Technology, the deputies of the Academy, and a delegation from the Military Technical College, as part of their visit to the Centre of Excellence in Quantum Computing at the Faculty of Science, and the Alexandria Group in Quantum Computing, which is one of the largest research groups in this field in Egypt, the Middle East and Africa, to discuss ways of joint cooperation in the field of quantum computing.

The meeting was attended by Dr. Sherine Khattab, Acting Dean of the Faculty of Science, and Dr. Ahmed Younes, Vice Dean of the Faculty of Science for Education and Student Affairs.

In his speech during the meeting, Dr. Konsowa welcomed the guests to Alexandria University, stressing the university's keenness to cooperate with the Academy of Scientific Research and Technology and the Military Technical College in various scientific and research fields in general, and the field of quantum computing in particular, pointing out the importance of combining the efforts of various academic bodies to develop technology for this important field.

It is worth noting that quantum computing is an interdisciplinary field that includes aspects of computer science, physics, and mathematics that use quantum mechanics to solve complex problems faster than conventional computers. This field includes research on hardware and application development.



Cooperation Protocol between Alexandria University and General Syndicate of Lawyers in Areas of Common Interest contributing to SDG16

Created: 02 July 2024



Professor Dr. Abdelaziz Konsowa, President of Alexandria University, and Mr. Abdelhalim Allam, President of the Egyptian Lawyers Syndicate, signed a joint cooperation protocol with the aim of exchanging services, training and scientific consultations between the two parties in the field of legal sciences, and related studies through all scientific, research and training activities.



The signing of the protocol was witnessed by Dr. Saeed Allam, Vice President of the University for Community Service and Environmental Development Affairs, Dr. Hisham Saeed, Vice President of the University for Graduate Studies and Research, Dr. Ali Abdelmohsen, Acting Vice President of the University for Education and Student Affairs, and Dr. Mohamed El-Feki, Dean of the Faculty of Law.

In his speech, Dr. Konsowa stressed that the protocol aims to assist researchers and students from the lawyers registered with the syndicate and their families in the field of legal and economic studies by providing references, scientific journals and all available capabilities, overcoming any difficulties they may face in this field, and achieving scientific communication between students, trainees and experts by exchanging studies and experiences in areas of common interest between the university and the syndicate, in addition to developing aspects of cooperation between the two sides in all fields, especially legal fields.

Dr. Konsowa added that the protocol will allow benefiting from the human and specialized capabilities in academic, training and research fields available to both parties by organizing conferences, seminars, workshops and training courses, noting that there will be an exchange of academic output such as periodicals, studies, reports, research, journals, and scientific bulletins between the two parties. He added that under this protocol, a joint committee from the university and the syndicate will be formed to coordinate between them regarding the implementation of the provisions of this protocol and the development of executive plans for joint activities and the proposal of programs, activities, and various other events.

Mr. Abdelhalim Allam confirmed that the protocol will allow for the exchange and provision of the legal library of both parties with the most important legal books, encyclopaedias, academic research papers, and legal references, in addition to providing each party with the opportunity to access their respective electronic platforms, and view research, academic papers, and various publications. Allam added that the protocol will also allow cooperation in conducting joint research and studies and preparing working papers in order to contribute to the development of the legal culture of both parties. He pointed out that all means of assistance will be provided to lawyers registered with the syndicate in applying for specialized educational and research programs in the Master's and Doctorate degrees.





President of Alexandria University Meets President of Agricultural Bank of Egypt to Discuss Means to Enhance Cooperation contributing to SDG15

Created: 22 February 2024



Within the framework of coordination between Alexandria University and the Agricultural Bank of Egypt to enhance aspects of cooperation to contribute to achieving sustainable development and supporting the national economy, Professor Dr. Abdelaziz Konsowa, President of Alexandria University, and Mr. Alaa Farouk, Chairman of the Board of Directors of the Agricultural Bank of Egypt, met to discuss ways of cooperation between the two sides in the fields of agricultural development, livestock development, and land reclamation in the border governorates and new development areas. The main headquarters of the Agricultural Bank of Egypt hosted the second session of the discussions, and the results of the first meeting that brought together the two sides at the headquarters of Alexandria University were confirmed.



The meeting was attended by Mr. Sami Abdelsadek, Vice Chairman of the Board of Directors of the Agricultural Bank of Egypt, and several university leaders and bank officials.

During the meeting, Dr. Konsowa stressed that the meeting comes with the aim of enhancing cooperation between the results of scientific research produced by Alexandria University in the fields of agricultural development, livestock development and land reclamation, and making the most of the financing opportunities provided by the Bank and opening new horizons for investment and stimulating production in new development areas. He emphasized the importance of integration and

cooperation between the university and the Agricultural Bank of Egypt, which helps provide a local product capable of competing in global markets.

Dr. Konsowa stressed that the university is also keen on promoting the culture of entrepreneurship and developing students' skills in this field, as it has established several innovation and entrepreneurship centres and career development centres, in cooperation with the American University in Cairo. He added that Alexandria University has



modified and developed its study programs to include courses specifically for entrepreneurship, and to enhance the entrepreneurial and innovative spirit among students, with the aim of developing students' skills in the field of entrepreneurship and enabling them to transform their ideas and plans into real projects that contribute to the development of the local economy and the creation of job opportunities.

Mr. Alaa Farouk, Chairman of the Board of Directors of the Agricultural Bank of Egypt, expressed the bank's keenness to strengthen ties and continue cooperation with all state institutions, enabling the bank to exercise its development role in serving all productive sectors, especially in the agricultural sector and livestock development, to support the national economy and achieve sustainable development. Farouk praised the level of relations with all universities and research centres to benefit from the academic expertise of those bodies in achieving agricultural development, stressing that Alexandria University is one of the most prestigious universities in the world and a scientific beacon replete with great academic expertise in various fields. He pointed out that the successive meetings with the President of Alexandria University aim at creating new cooperation opportunities between the bank and the university, to achieve the maximum benefit from the partnership that combines the university's academic expertise with the financing opportunities provided by the bank, thus opening new horizons for investment and stimulating production in new development areas.

He added that this comes in addition to the bank's contribution to supporting and financing national initiatives and projects to support agricultural production, in implementation of the directives of His Excellency President Abdel Fattah El-Sisi, President of the Republic, to achieve comprehensive development, maximize the benefit from the agricultural sector, and enhance its contribution to the national economy.

Farouk stressed that the Agricultural Bank of Egypt also aims to cooperate with Alexandria University in promoting financial inclusion, spreading financial culture to all university categories, stimulating business entrepreneurship among students, and encouraging them to launch their small and medium enterprises in the fields of agriculture, agricultural processing, and digital and technological innovation, in order to activate its role in developing the capabilities of young people and providing them with financing opportunities that contribute to providing job opportunities and improving the standard of living within their communities.