



Template for Evidence

University : Al-Mustaqbal University (formerly name: Al-Mustaqbal University College)
Country : Iraq
Web Address : <https://uomus.edu.iq/en/default.aspx>

13.3.3 Co-operative planning for climate change disasters

Since its establishment, the university has actively engaged in numerous meetings with the local government in order to put efficacious planning for improving the present condition of Iraq climate. In recent years, many climate-related issues have arisen, prompting the university to take rapid steps towards mitigating the effects of climate change. Some of the most important initiatives in this regard include:

1. Under the patronage of Mr. Presentent of the Al-Mustaqbal University, Professor Dr. Hassan Shaker, and in alignment with the university's policy ("Towards a Sustainable University"), the First Scientific Symposium was held under the title "Water Sustainability and Climate Change" at 9:30 AM. The symposium featured three substantial scientific sessions:
 - The First Session: "Climate Change in Light of the Outcomes of the Glasgow Conference," presented by Professor Dr. Ali Abdul Zahra Al-Lami, an expert and consultant for environmental and climate affairs at the Prime Minister's Advisors Office.
 - The Second Session: "Preventive Water Policy," presented by Professor Dr. Mohamed Sabri Ibrahim, a senior political advisor at the Ministry of Water Resources.
 - The Third Session: "Towards a Hydrological Approach to Iraqi Water Security (A Study of the Middle and Lower Euphrates Basin)," presented by Professor Dr. Kazem Musa Mohammed Al-Taie, former Dean of the College of Basic Education at the University of Mosul.

Professor Dr. Hassan Shaker, the president of Al-Mustaqbal university, enhanced the symposium with his scientific contribution by discussing global experiences in the field of water challenges and climate change and how they can be applied to the Iraqi context. The symposium witnessed active participation and serious scientific discussions among the participants.



It's worth noting that the symposium was attended by prominent local and academic figures, including Mr. Khaled Al-Salhi, the Director of Planning in Babil, Mr. Mukey Hadi Al-Shammari, the Director-General of the Environment in Babil, and Mr. Hassan Al-Bayramani, the Deputy Governor of Babil for Agriculture and Water Affairs. Additionally, an academic delegation from some Iraqi universities attended the event. The symposium was managed by the Deputy Dean for Administrative Affairs, Assoc. Prof. Mondher Fadel Hassan. At the end of the symposium, a set of scientific recommendations and proposals were made for relevant ministries and related entities to achieve the symposium's goals in practice. The following are a number of photos taken during this event:





2. The National Initiative for Energy, Water Support, and Emissions Reduction acknowledges the continuous support efforts of the Al-Mustaqbal University.

The National Initiative for Energy, Water Support, and Emissions Reduction has extended a written expression of thanks and appreciation to Mr. President of the AL-Mustaqbal University College, Professor Dr. Hassan Shaker Magdy, and to Assistant Professor Dr. Issam Kamel Saleh, a consultant in the office of the Dean. This recognition is in appreciation of their significant and distinguished efforts in supporting the initiative. These efforts include extending invitations to participate in the scientific activities organized by the college, printing informative publications regarding the message, objectives of the initiative, its various teams, and other materials related to climate change and its impact on Iraq.

It is worth noting that AL-Mustaqbal University University College previously invited the initiative to participate in the AL-Mustaqbal University Symposium on Sustainable and Alternative Energy Research and Studies, which was held in conjunction with the International Day of Energy on October 22, 2022. The initiative was also invited to participate in the First International Conference on the Future of Sustainable Energy held by the college from March 1 to 2 of last year. Additionally, the initiative was invited to participate in the First Future Symposium on Water Sustainability, which took place on March 18 of last year, in celebration of World Water Day. Representatives of the initiative actively participated by delivering lectures during these events, providing attendees with insights into the initiative's current and future activities that it seeks to implement.

It's worth mentioning that the Supervision and Scientific Evaluation Authority previously issued a directive to government and private universities and colleges to provide possible support to the initiative to help achieve its desired goals in serving our beloved country. Here are some photos documenting this event:



Republic of Iraq
Ministry of Environment
Technical Deputy Office

مكتب الوكيل الفني
وزارة البيئة
جمهورية العراق

No : 262 / 2023
Date : 2023 / 03 / 03

الاستاذ المساعد الدكتور عصام كمال صالح / كلية المستقبل الجامعة
م / شكر وتقدير

تهديتكم ووزارتنا اطيب تحية...
نظرا لجهودكم المتميزة ونواصلكم المستمر معنا من خلال مشاركتنا في الأنشطة العلمية التي ننظمها العلمية والمساهمة في تبادل المعرفة لدعم المبادرة الوطنية للعلاقة والمياه وتقليل الانبعاثات.
لا يسعنا الا ان نقدم شكرنا وتقديرنا العالي لكم على هذه الجهود المتميزة امين منكم تقديم المزيد من الدعم خدمة لبلدنا العزيز.. والله ولي التوفيق.

الدكتور
جاسم عبد العزيز جعفاني
الوكيل الفني
رئيس المبادرة الوطنية لتقليل الانبعاثات
3/3/2023

بسم الله الرحمن الرحيم
بالتوفيق
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Republic of Iraq
Ministry of Environment
Technical Deputy Office

مكتب الوكيل الفني
وزارة البيئة
جمهورية العراق

No : 202 / 2023
Date : 2023 / 03 / 03

كلية المستقبل الجامعة / السيد العميد المحترم
م / شكر وتقدير

تهديتكم ووزارتنا اطيب تحية...
نظرا لجهودكم الكريمة والتميزة في دعم المبادرة الوطنية لدعم العلاقة والمياه وتقليل الانبعاثات ومن خلال مساهمة من تعاون في إقامة المؤتمرات وورشات العمل الخاصة بالتوعية بأهداف المبادرة النبوية.
لا يسعنا الا ان نقدم شكرنا وتقديرنا العالي لكم على هذه الجهود المتميزة امين منكم تقديم المزيد من الدعم خدمة لبلدنا العزيز.. والله ولي التوفيق.

الدكتور
جاسم عبد العزيز جعفاني
الوكيل الفني
رئيس المبادرة الوطنية لتقليل الانبعاثات
3/3/2023

بسم الله الرحمن الرحيم
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3. On the occasion of World Energy Day, the AL-Mustaqbal University organized the "Future Symposium for Sustainable and Alternative Energy Research and Studies." The AL-Mustaqbal University, in collaboration with the Scientific Association for Energy Studies and Research, held its scientific symposium under the slogan "Investing in Clean Energy: Our Path to Sustainable Development," in celebration of World Energy Day, which falls on October 22. This event served as an opportunity to raise awareness about the importance of energy and to discuss the challenges facing the energy sector in Iraq, with a focus on ensuring the provision of safe and sustainable energy for all. The symposium aimed to identify the need for national policies that align with the global perspective on energy.

The symposium welcomed several notable attendees, including representatives from the Ministries of Oil, Electricity, and Environment, as well as researchers, academics from various Iraqi universities, and professionals from companies and organizations specializing in the field of energy.

The discussions at the symposium revolved around renewable energy applications, the challenges confronting the energy sector in Iraq, the importance of raising awareness and promoting energy efficiency, the transition towards sustainable and clean energy, and modern energy technologies.

The symposium was divided into three sessions:

- The first session included discussions on patents and their applications in the energy sector, presented by Mr. Ali Al-Bakri, the President of the Engineering Accreditation Authority. Dr. Majed Al-Jaberi from the British Energy Center in London talked about the uses of solar energy in Iraq and the challenges it faces. Additionally, Mr. Hashem Jasim Mohammed from the Ministry of Oil's Research and Development Center discussed the economic feasibility of using solar energy in Iraqi oil fields. Finally, Mr. Haider Al-Kufashi, the Director of Green Cities Organization, addressed the challenges of transitioning towards renewable energy for green cities in Iraq. The session concluded with a lecture by Dr. Zahir Fadel Rahim from the University of Nahrain's Center for Renewable Nano Energy on the Internet of Things for renewable energy in Iraq.
- The second session featured discussions on energy, its transformations, and its impact on Iraq, presented by Dr. Mohammed Nasser from the Ministry of Oil's Oil Research and Development Center. Dr. Haroun Abdul Kadhim from the University of Babil's College of Mechanical Engineering talked about the prospects and future of electricity generation



in Iraq. Mr. Mohannad Shakir Mahmoud from the Ministry of Electricity's Central Quality Department provided an overview of the National Initiative for Energy Support and Emissions Reduction. Mr. Samah Sha'at Awda, a researcher and trainer in the field of energy, delivered a lecture on electricity generated from existing generators and solutions. The session concluded with a panel discussion on using biogas to produce clean energy from waste dumps, presented by Dr. Maitham Abdullah Sultan from the Ministry of Science and Technology's Environment and Water Department. Dr. Halima Jaber Mohammed also spoke about green hydrogen and fuel cells.

The President of the AL-Mustaqbal University discussed the global challenges facing the energy sector due to war, rising fuel prices, and increased pollution from traditional fuels. This has led many countries to adopt renewable and clean energy sources and enhance energy efficiency in various sectors and green buildings. The symposium served as a contribution by the AL-Mustaqbal University to achieve sustainable development goals, support the energy sector, reduce emissions, and provide a platform for presenting recommendations and innovative solutions to address these problems and challenges.

During the event, the president of AL-Mustaqbal University presented shields and certificates of appreciation to the participants, speakers, researchers, and inventors for their contributions and ideas related to renewable and clean energy.





4. AL-Mustaqbal University organizes a tree-planting campaign along Al-Hillah River embankment.

In a remarkable initiative, the Central Student Activities Department at AL-Mustaqbal University organized a tree-planting campaign along Al-Hillah river embankment, under the gracious patronage of Mr. University President, Professor Dr. Hassan Shaker. This campaign is part of the university's commitment to sustainable development goals and aims to plant a variety of evergreen trees, permanent agricultural seedlings, and seasonal crops with the participation of university students. Through this initiative, the department seeks to increase green spaces along Al-Hillah River, thus improving the environment and reducing pollution levels. Trees are an effective contribution to increasing the oxygen levels in the air and absorbing harmful gases like carbon dioxide, a major contributor to air pollution. Additionally, these trees play a significant role in climate moderation and heat reduction.

The campaign also aims to encourage local communities to participate in these efforts by planting more trees to combat desertification and raise awareness about the importance of environmental conservation and preventing land degradation.

With these environmental efforts, Al-Mustaqbal University reaffirms its full commitment to social and environmental responsibility, with the hope that this campaign will be part of genuine efforts to preserve the environment and improve lands affected by desertification.

