



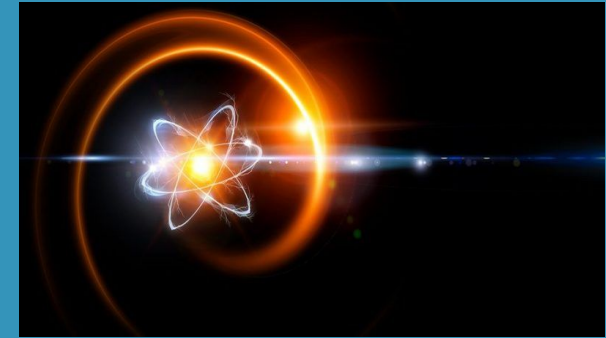
Goal 13. Climate Action.

«Take urgent action to combat climate change and its impacts».

Karazin University joined the work of the Scientific Committee of the European Contest of Scientific Projects in the Field of Controlled Fusion



On 18-19 September 2023, professors of the Education and Research Institute of the School of Physics and Technology took part in the work of the Scientific Committee (Jury) of the European Call for Scientific Projects in the field of Controlled Fusion. In particular, the Head of the Department of Applied Physics and Plasma Physics, Academician Ihor Harkusha worked in the Materials Science section, while Professor of the same department, Corresponding Member Ihor Hirka worked in the Technologies and Systems section. The jury reviewed the results of their pre-evaluation of the funding requests and made recommendations for funding the best requests and improving the selection procedure in the future to the EUROfusion General Assembly. Out of fourteen requests, three projects were recommended for funding in each section.



Support for projects in the field of nuclear fusion aimed at addressing climate change. The development of technologies capable of providing a clean, environmentally friendly energy source is an important step in combating climate change.

Karazin University Participated in the Symposium "Sustainable Development - Current State and Prospects" and the Training Program "European Experience in Strategic Planning for Territorial Development Considering Ecosystem Services for Post-War Reconstruction of Ukraine"



Maryna Hryhorieva, Head of the Global Development Department at Karazin University, participated in the IV International Scientific Symposium "Sustainable Development - Current State and Prospects" and underwent training as part of the international winter school program "European Experience in Strategic Planning for Territorial Development Considering Ecosystem Services for Post-War Reconstruction of Ukraine."

The events took place from February 13 to 16, 2024, in Slavske village (Lviv region). The organizers of the symposium and winter school were the National University "Lviv Polytechnic," the V. Chernovol Institute of Sustainable Development, and the NGO "Mission of Sustainable Development."

The topics covered in the events included ecological balance and sustainable land use, environmental safety, tourism, and hospitality management, environmental expertise of goods, civil security, and current issues of land use. Overall, around 250 researchers from Ukraine and Estonia participated in the symposium.



The theme of the symposium includes environmental safety and rational use of natural resources, aligning with the objectives of climate change adaptation

World Meteorological Day

March 23 marks World Meteorological Day. It was initiated in 1961 by the World Meteorological Organization, operating under the auspices of the United Nations. Meteorology has become an essential component of modern life, influencing various aspects from agriculture to transportation, from tourism to energy. Meteorologists not only forecast the weather but also study climate trends, analyze data on global climate change, and develop adaptation strategies. The motto of World Meteorological Day 2024 is "Advancing Climate Action." With this slogan, the World Meteorological Organization calls on the entire hydro-meteorological community of the planet to be prepared for the negative manifestations of climate change. One of the pioneers who advocated for the importance of meteorology as a science and applied field was the founder of the university, Vasyl Karazin. In 1810, he was the first in the world to express the idea of the need to create a wide network of meteorological stations for comprehensive weather observations. He wrote, "These observations will be the most important service for meteorology and will enable it to become an accurate science, that is, a science to calculate and predict the weather at a certain place and time."



Meteorological knowledge enables us to predict, analyze, and adapt to climate change. Meteorologists at Karazin University work on the frontlines of climate action every day, providing the world with accurate forecasts, research, and recommendations that help governments, businesses, and society respond effectively to climate challenges.

Groundhog Day: Tymka III Predicts an Early Spring



Groundhog Day, held at the Karazin University biological station, not only preserves a unique Ukrainian tradition but also contributes to achieving UN Sustainable Development Goal 13.

It combines environmental education, biodiversity conservation, and monitoring of changes in nature. This is an example of how science, culture, and nature come together for a sustainable future, even in challenging times.

The Karazin University Biological Station in the village of Haidary, Zmiiv district, hosted traditional events on the occasion of the Groundhog Day.

This year, this touching tradition, to which Ukrainians are so accustomed, is 20 years old! It is believed that a badger coming out of its burrow predicts the onset of spring by its behavior.

"We are waiting for our warm Ukrainian spring in 6 weeks," deciphered the prophecy of Tymko III's omen Nadiia Tokarska, the badger's keeper. The badger also chose patience as a superpower that will help Ukrainians win the war.

Based on the objectives of the EU Biodiversity Strategy, Karazin University scientists continue their hard work to preserve the virgin steppe and those who inhabit it, together with Tymko, the ambassador of the Ukrainian steppe.

Celebrating the Badger Day is an important symbol of the fact that traditions do not disappear because of the war, but, on the contrary, help us to maintain our inspiration and faith in victory, to develop national science and education!



<https://karazin.ua/en/news/den-baibaka-tymko-nbsp-iii-sprohnozuvav-ranniu-vesnu/>

International Day of Environmental Education



The celebration of the International Day of Environmental Education at Karazin University is not just a symbolic event, but a tangible step toward achieving the Sustainable Development Goals, as:

raising environmental awareness and training specialists are fundamental steps in combating climate change.

It is through education that we build society's capacity to respond to environmental challenges, implement innovations, and choose the path of sustainable development.



Every year on April 15th, many countries around the world observe International Day of Environmental Education.

Focused on the development of environmental education, this day emphasizes the importance of preserving our planet for future generations. Educational institutions, acting as catalysts for change, make their significant contributions and offer educational programs aimed at preparing experts in the field of ecology.

The Education and Research Institute of Ecology of Karazin University educates highly qualified specialists, stimulates research, promotes innovation, and develops strategies to achieve the UN Sustainable Development Goals in environmental conservation.

On the International Day of Environmental Education, we call for the collective effort to ensure proper attention to environmental education, which is one of the key elements on the path to a better future!

38 Years Since the Chernobyl Nuclear Disaster: The University Remembers



Karazin Calls for Action

The Chernobyl disaster demonstrates the critical importance of UN Sustainable Development Goal 13, which calls for urgent action to combat climate change and reduce environmental risks.

The lessons of Chernobyl should inspire humanity to take responsible care of nature, pursue sustainable energy, and protect the environment worldwide.



This day, 38 years ago, the largest disaster in the history of nuclear energy occurred. On April 26, 1986, the Chernobyl disaster claimed thousands of lives and left an irreparable mark on the environment.

We honor the memory of those who saved the world from the consequences of this terrible tragedy. The Chernobyl disaster liquidators sacrificed their health and lives to mitigate the catastrophe's scale and protect us all from the danger of radiation.

Today, Ukrainians not only commemorate the victims but also defend their country from new threats. Ukraine is once again at the forefront of ensuring safety for the entire world. We thank the workers of the exclusion zone who prevented a recurrence of the tragedy in 2022 during the Russian military advance. The enemy's provocations continue to endanger the world with the horrors of a radiation catastrophe.

The Chernobyl tragedy remains a permanent reminder of pain, anxiety, and lessons from which humanity must learn.

We express our sincere gratitude and pay tribute to those who risked their lives for the sake of others. This heroic act will never be forgotten.

<https://karazin.ua/en/news/38-rokiv-vid-dnia-avarii-na-chornobylskii-aes-universytet-p/>