



KYIV POLYTECHNIC NEWSLETTER

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LATEST NEWS



Kyiv Polytechnic, Ericsson to train specialists in 5G technology

On 1 August 2025, the Igor Sikorsky Kyiv Polytechnic Institute took an important step towards the digital future by signing a memorandum on cooperation with Ericsson's subsidiary in Ukraine, as well as a memorandum about joining the Ericsson Educate: 5G University program. Through this partnership, Kyiv Polytechnic students will get access to advanced learning materials provided by the world's leading developer of 5G technology. [Read more](#)

Synergy, skills, robots: Kyiv Polytechnic establishes cooperation on robotics with FANUC Ukraine LLC

The Igor Sikorsky Kyiv Polytechnic Institute has established cooperation with FANUC Ukraine LLC – the official representative of Japan's FANUC Corporation, a global pioneer in factory automation and a technology leader in robotics. This partnership offers Kyiv Polytechnic students new opportunities to develop their professional skills in the realm of industrial robot programming, one of the most marketable skills today. [Read more](#)





Energy Resilience Lab: RSE, Kyiv Polytechnic join efforts to train new generation power engineers

In a vital step toward strengthening Ukraine's energy autonomy, RSE – a manufacturer of modular, flexible cogeneration solutions based on MWM gas engines (Caterpillar Energy Solutions) – has signed a memorandum about strategic partnership with the Igor Sikorsky Kyiv Polytechnic Institute and announced the launch of the equipment of the Energy Resilience Lab. The new space is supposed to form part of Kyiv Polytechnic's Centre for Energy Decarbonisation and its Energy Innovation Hub. [Read more](#)

Cooperating in remote control of construction machinery with Yachiyo Engineering

The Igor Sikorsky Kyiv Polytechnic Institute will cooperate with Japanese companies and organisations on the remote control of construction equipment, and will conduct an experiment on the use of systems developed by the Japanese company Yachiyo Engineering Co., Ltd. The key advantages of the technology are safety for employees, the capability of controlling multiple units of machinery through a single system, inclusivity for the workforce, and the high precision of technological processes. [Read more](#)



Inspiring meeting: Axon Enterprise CEO shares his experience with students

At the Igor Sikorsky Kyiv Polytechnic Institute, students had a once-in-a-lifetime opportunity to meet with **Patrick Smith**, the CEO and founder of Axon Enterprise – one of the world leaders in public safety technologies. Headquartered in Scottsdale, Arizona, Axon Enterprise, Inc. develops cutting-edge technologies for law enforcement, and civilians, among others. [Read more](#)

PUBLICATIONS

Article on far-reaching repercussions of Kakhovka dam disaster is out

On 24 July 2025, the article “*Flooded and Irrigation Area Monitoring After the Kakhovka Dam Disaster Based on Machine Learning and Satellite Data*” co-authored by Nataliia Kussul, Hanna Yailymova and Andrii Shelestov from the Department of Mathematical Modeling and Data Analysis at Igor Sikorsky Kyiv Polytechnic Institute in collaboration with Inbal Becker-Reshef, Sergii Skakun and Sheila Baber from the University of Maryland et al. was published in the *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* (Q1). The main goal of this study is to assess flooded areas and the impact on irrigated area before and after the destruction of the Nova Kakhovka dam near the Ukrainian city of Kherson. [Read more](#)

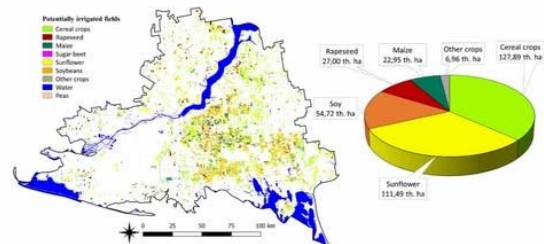


Fig. 9. Potentially KPI-Ukraine irrigation fields map of Kherson region, 2019.

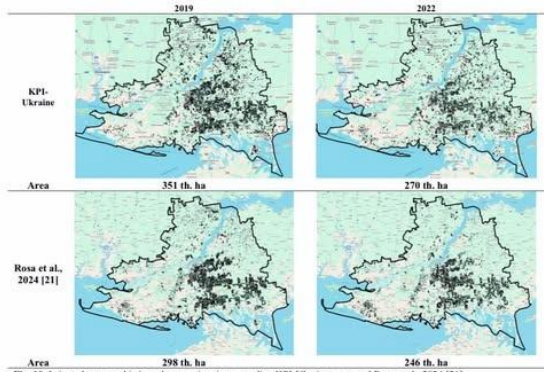


Fig. 10. Irrigated maps and irrigated area estimation according KPI-Ukraine maps and Rosa et al., 2024 [21]

COLLABORATION WITH ALLIANCES

Strengthening Europe's position in AI through science, technology and education

The over 50 leading universities of science and technology from across Europe, united within CESAER, affirm their support for the goal to enhance Europe's leadership in artificial intelligence (AI) and advocate to adopt a European model that empowers researchers and innovators to lead the European AI future. This position highlights the strategic imperative to empower universities, researchers, innovators and their communities to lead a distinct European model for AI – rooted in trust, openness, and excellence. [Read more](#)

CESAER



SAVE THE DATE: UNICA Research Meeting

September is closer than it may seem, so get your calendar and take note of the upcoming UNICA Research Meeting. Kindly hosted by Polish member, the University of Warsaw, the meeting will take place on **25-26 September 2025**. Vice-Rectors Research, EU Research Liaison Officers, and other professionals in the area of Research from around the network are invited to join this event. [Read more](#)

30th UNICA IRO Meeting

UNICA is proud to announce that the upcoming IRO Meeting has a set date: from **10 to 12 December 2025**, International Relations Officers (IRO) from across the network are invited to take part in the group's annual meeting, this time at Tallin University, Estonia. This is a very special edition because the group celebrates 30 years. **Target group:** Heads and Senior Officers of International Relations Offices. [Read more](#)



AWARDS



Certificate of appreciation presented to Vice-Rector for International Relations

The Cormack Consultancy Group awarded a certificate of appreciation to **Andrii Shysholin**, Vice-Rector for International Relations of the Igor Sikorsky Kyiv Polytechnic Institute. The certificate was presented in recognition of his outstanding dedication to the UK-Ukraine Twinning Initiative, and steadfast commitment to fostering academic cooperation at this challenging time. [Read more](#)

VISITS



Back to essence: Kyiv Polytechnic delegation attends tea ceremony at Japanese Ambassador's Residence

The delegation of Igor Sikorsky Kyiv Polytechnic Institute – including Rector **Anatolii Melnychenko**, **Kateryna Lugovska**, Director of the Ukraine-Japan Centre, and **Andrii Shysholin**, Vice-Rector for International Relations – was recently received at the Residence of the Ambassador of Japan to Ukraine for a traditional Japanese tea ceremony. It was more than a cultural event. It was a moment of inward peace and tranquillity, when every gesture and every pause of silence acquired significance. [Read more](#)

JICA delegation visits Kyiv Polytechnic

The delegation of the Japan International Cooperation Agency (JICA), led by Senior Vice President **Kenichi Kawamura**, visited the Igor Sikorsky Kyiv Polytechnic Institute. A key part of the visit was an introduction to the Kyiv Polytechnic's Ukraine-Japan Centre and its wide-ranging activities – from courses in the Japanese language and traditional arts to a rich calendar of events, among others. [Read more](#)



Deepening cooperation with Morocco

An important meeting with **Serhii Saienko**, Ambassador Extraordinary and Plenipotentiary of Ukraine to the Kingdom of Morocco has taken place of late. During this meeting the next steps to develop a partnership were under discussion. Moroccan students take a keen interest in engineering specialisations and the in-demand areas of study offered at the Igor Sikorsky Kyiv Polytechnic Institute, particularly robotics, wind energy, cybersecurity, IT, and artificial intelligence. [Read more](#)

UPCOMING EVENTS

5th International Workshop of IT Professionals on Artificial Intelligence

University of Liverpool and online

15-17 October 2025

5th International Workshop of IT-professionals on Artificial Intelligence (Profit AI 2025)



15-17 October 2025

Liverpool, UK



Innovate, demine, rebuild: TechBridge x Sikorsky Challenge stage 'Innovations for Humanitarian Demining' competition

TechBridge x Sikorsky Challenge have announced a competition of innovative solutions for humanitarian demining. The organisers are seeking out audacious, efficient,

and creative ideas that will help to fast-track and make safer the process of clearing Ukrainian lands of mines and ammunition. The competition will take place at Kyiv Polytechnic on **30 September 2025** in a hybrid format (in-person and online). [Read more](#)

IREG 2025 Conference to take place in Abu Dhabi in December

IREG conference offers a unique, neutral and unbiased platform to learn and discuss pros and cons of university rankings and their impact on higher education. It is a good tradition of IREG to come back to the Arab Region with its annual conference. We were in Doha, Qatar, in 2017, and in Jeddah, Saudi Arabia, in 2021 (online due to COVID). This year IREG will meet in Abu Dhabi, UAE, on **9-11 December**. [Read more](#)



REMARKABLE DATES & HOLIDAYS IN UKRAINE

Ukraine is a land rich in culture and tradition, where every season brings a kaleidoscope of celebrations, from ancient customs to modern commemorations. Whether it is the embroidered elegance of **Vyshyvanka Day**, the solemn remembrance of the **Heavenly Hundred**, the jubilant **Independence Day** celebrations or the joyful promise of spring on **Annunciation**, each date reveals a story deeply rooted in faith, resilience, and heritage. [Read more](#)



Many thanks for reading. If you liked the Kyiv Polytechnic Newsletter, please share it with a friend and/or colleague.

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