



UNIVERSITY OF DEBRECEN

**FACULTY OF AGRICULTURAL AND FOOD SCIENCES
AND ENVIRONMENTAL MANAGEMENT**

**MEZŐGAZDASÁG-, ÉLELMISZERTUDOMÁNYI
ÉS KÖRNYEZETGAZDÁLKODÁSI KAR (MÉK)**

InfoMÉK, 2024

News, information

September – December 2024



World Soil Day at the University of Debrecen

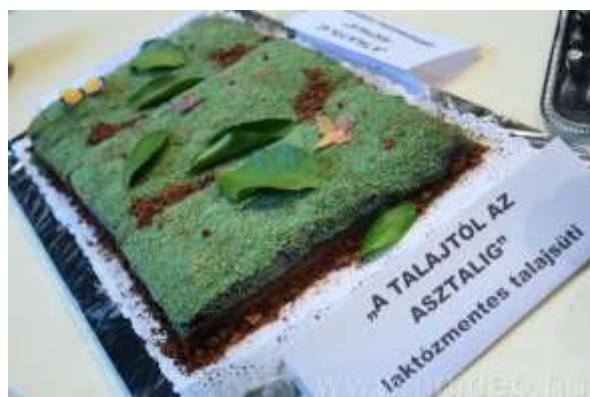


Professional presentations and a thematic photo competition accompanied the event. Since 2013, the FAO (Food and Agriculture Organization of the United Nations) has declared 5 December as World Soil Day.



The programme, organised by the Institute of Agricultural Chemistry and Soil Science, the Institute of Land Use, Engineering and Precision Farming Technology, and the Institute of Water and Environmental Management, featured spectacular interactive sessions in which experts demonstrated to high school and university students the role of soil in the development and maintenance of human civilisation.

At the World Soil Day event organised by the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen, secondary school and university students participated in sensor tests on the water retention and permeability of soils, organic matter content, and different wavelengths. Researchers engaged young people with interactive exercises to raise awareness about the state of our soils.



Read the full article at the link below:

<https://hirek.unideb.hu/talajok-vilagnapja-debreceeni-egyetemen>

Source: hirek.unideb.hu

11th World Science Forum with the participation of the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen

The World Science Forum was founded by the Hungarian Academy of Sciences, UNESCO and the International Council for Science. This year, the international scientific event took place in Budapest from 20-23 November 2024.

Dr. István Komlósi, Professor and Head of the Institute represented the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen at the scientific event.

Read the full article at the link below:

<https://mek.unideb.hu/hirek/11th-world-science-forum-debreceni-egyetem-mezogazdasag-elelmiszertudomanyi-es>

More than 1100 participants from 122 countries attended the 11th event, which focused on effective science communication and policy in times of global change.



Source: mek.unideb.hu

Researchers' Night 2024

Interesting experiments, lectures and presentations for primary and secondary school students, university students and adults alike, offered visitors the opportunity to learn about not only the wide range of sciences, but also about the research and results of the University of Debrecen on almost all campuses of the institution.

Visitors participated in the experiments and demonstrations in an interactive way, making the topic more accessible, understandable and interesting.

In addition to the educational professional lectures, science came to life on the campuses of the University of Debrecen, breaking away from the classroom-like form of education.

Participants were also given a hands-on experience of food technologies, the soil systems that help produce healthy food, and how organisms respond to changing environmental conditions in their habitats.

Fishing was also given a scientific approach, with the Faculty of Agriculture's Fish Biology Laboratory on the Böszörményi Street campus discovering what selective big carp fishing and fly-fishing have in common, and a fishing competition was held in the pond next to the laboratory.

Read the full article at the link below:

<https://hirek.unideb.hu/node/22072>

Source: hirek.unideb.hu



Researchers' Night 2024 – In pictures

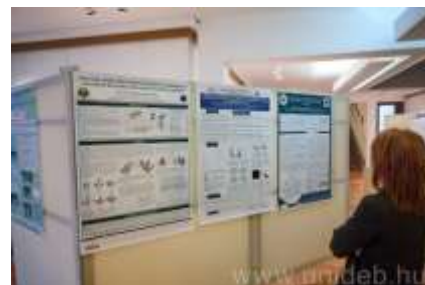


All colours of biotechnology showcased



Researchers and industry experts discussed the latest results and possible paths forward at the Biotechnology at the University of Debrecen - 2024 Symposium. The management of the University of Debrecen considers biotechnology of high priority and has included it in its institutional development plan, as a strategic area for both education and research.

The conference featured presentations in three sessions. Experts representing Gedeon Richter spoke about the development and production of biotechnology pharmaceuticals. They also discussed agricultural biotechnology research at the University of Debrecen and focused on education and research in biotechnology at the 75-year-old Faculty of Science and Technology.



The highly popular symposium was jointly organized by the Department of Molecular Biotechnology and Microbiology, the Centre for Agricultural Genomics and Biotechnology of M  K and the HUN-REND E Fungal Stress Biology Research Group.

Read the full article at the link below:

<https://hirek.unideb.hu/biotechnologia-minden-szinet-bemutattak>

Source: hirek.unideb.hu

Green Day – in the spirit of soil protection

Voluntary associations, foundations, small-scale producers, and the institutes and departments of the Faculty of Agricultural and Food Sciences and Environmental Management welcomed visitors to the Green Day on B  sz  rm  nyi Street campus of the University of Debrecen. Lectures on environmental awareness and soil protection were also held at the event.

The Environmental Protection Committee of the Student Council of the

University of Debrecen organised the Green Days for the 14th time. Debrecen Zoo, the Green Circle, the E-Mission Association, the Future of Debrecen, the Big Brothers' Beekeeping and the Tiszat  j Public Foundation attended the event. The Faculty of Agricultural and Food Sciences and Environmental Management was also present: the Department of Nature Conservation, Zoology and Game Management and the Institute of Agricultural



Chemistry and Soil Science also welcomed visitors.

Read the full article at the link below:

<https://hirek.unideb.hu/zold-borze-talajvedelem-jegyeben>

Source: hirek.unideb.hu

Agricultural high school students' competition

Plant cultivation, horticulture, mechanical engineering, and plant protection — among other fields — were the fields in which students from the region's agricultural vocational and technical schools competed at the 2nd Béla Tormay Vocational Study Competition. Almost sixty students from twenty teams participated in the two-day professional competition organised by the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen for secondary schools.



The Faculty of Agriculture of the University of Debrecen announced the competition primarily for students of the 13th and 14th grades of

vocational high schools, vocational schools and technical schools. The students demonstrated their knowledge of animal husbandry, crop production, horticulture, mechanical engineering, plant protection and soil science. Students solved theoretical and practical tasks in teams of three.



The first place in the 2nd Tormay Béla Tormay Vocational Study Competition went to the team of the Tokaj Agricultural Technology, Vocational School and College of the University of Tokaj-Hegyalja Tokaj. The second place went to the team of the Gregus Máté Agricultural Technical and Vocational School of the Alföldi ASzC Gregus Máté

ASzC in Hódmezővásárhely, while the third place went to the students of the János Lippai Agricultural Technical and Vocational School of the Northern ASzC Lippai János ASzC in Nyíregyháza.



The students who participated in the professional study competition and were awarded prizes will receive 20 and 40 extra points respectively when applying to the Faculty of Agriculture at the University of Debrecen.

Read the full article at the link below:

<https://hirek.unideb.hu/agrar-kozepiskolasok-versenye-az-egyetemen>

Source: hirek.unideb.hu



The phylogenetics of giant domestic pigeons revealed

The origin and genetic diversity of large-bodied domestic pigeon breeds were investigated by researchers from the Centre for Agricultural Genomics and Biotechnology of the University of Debrecen. Their scientific results were published in Poultry Science D1, one of the leading scientific journals in the field.

As one of the oldest domesticated species, the domestic pigeon is used by mankind in a wide range of applications, from sport and hobby to gastronomy. The latter is important because pigeon meat is one of the meat products with the highest biological value. AGBK's researchers have analysed more than 270 samples from 19 pigeon species.



Read the full article at the link below:

<https://hirek.unideb.hu/feltarult-az-oriastermetu-hazigalambok-filogenetikaja>

Source: hirek.unideb.hu

Agricultural research at the Scientific Student Conference

39 papers were presented in 6 sections at this year's Scientific Student Conference of the Faculty of Agriculture of the University of Debrecen. Most of the papers were presented in the fields of animal husbandry, plant science and protection, and nature conservation.

The Dean's Prize of the MÉK was awarded to Zsombor Botkó, a 2nd year MSc student in Food Safety and Quality Engineering, for "The effect of ultrasound-assisted extraction parameters on the antioxidant content and colour of white wormwood extracts", which also proved to be the best in the food science section of the student conference.

The President of the Doctoral Council for Agricultural Sciences awarded the Distinguished Achievement Award to Zsófia Eszter Gaál, a second-year MSc student in Animal Husbandry, for her thesis "Evaluation of the pedigree data of the domestic Haflinger herd", which also won first place in the Animal Breeding section of the Faculty's TDK.

In the plant protection section, the study of the 2nd-year MSc student in plant medicine Ákos

Király, "Investigation of the effectiveness of biostimulators in Luna and Pinova apple orchards", and in the plant science section, the study of the feasibility of shallow storage in the area of the Karcag inland water protection section No. 10.08. by the 2nd-year student in agricultural water management engineering Richárd József Richter, came out on top. In the nature conservation section, the 1st place was awarded to Sándor Kordás Sándor, a second-year MSc student in nature conservation engineering, for "The study of the distribution of the Hungarian spring-crested eagle owl in the area of the Hortobágy National Park Directorate". In the game management section, the best paper was awarded to Anett Nagy Nagy, a 3rd-year BSc student in Game Management, for "Wild on the road - analysis of wildlife impact".

The judging committees also selected the papers to be nominated for the National Scientific Student Conference, which will be held in the spring of 2025 in Miercurea.

Agricultural research at the Scientific Student Conference – In pictures



Read the full article at the link below:
<https://hirek.unideb.hu/agrarkutatasok-tdk-n-0>

Source: hirek.unideb.hu

Science and responsibility to protect biodiversity

The necessity of biodiversity monitoring, modern data collection methods, the socio-economic use of the information obtained from monitoring, the launch of the environmental monitoring system of the University of Debrecen and the current phases of the work were addressed at the 1st Biodiversity Conference.

The Centre of Competence for Biodiversity, Water Management and Climate Change, established at the University of Debrecen in 2023, can play a key role in the future climate strategy, enabling professionals to provide responsible and credible answers to emerging ecological issues. At the international scientific

meeting at the MTA DAB headquarters, experts addressed current and future challenges to biodiversity.



Read the full article at the link below:
<https://hirek.unideb.hu/tudomany-es-felelosseg-biodiverzitas-vedelmeben>

Source: hirek.unideb.hu

Challenges and opportunities in plant protection

The impacts of global and local environmental and social changes on plant protection and food safety, the consequences of the intensive geographical spread of pests and new, modern plant protection

options were discussed at the 29th Tiszántúli Plant Protection Forum. At the international professional event, organised by the Plant Protection Institute of the University of Debrecen, the Antal Gulyás Memorial

Medal was traditionally awarded, and this year it went to József Tarjányi, a plant doctor. During the professional event, experts presented the latest scientific results and innovations in four sections.



Read the full article at the link below:

<https://hirek.unideb.hu/kihivasok-es-lehetosegek-novenyvedelemben>

Source: hirek.unideb.hu



https://www.youtube.com/playlist?list=PL81Cxr4bvDeKm0zRy1LA9T62V3V3m1_Ww



Consultation for a sustainable future

Experts from the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen, the National Laboratory of Water Science and Water Safety and the Bognár József Foundation for Economic Research of the Hungarian Academy of Sciences searched for long-term sustainable, complex environmental solutions to the effects of urbanisation at a joint English-language conference.

The continued growth of the world's population and urban population is greatly increasing the already significant pressure on sustainable urban water management. The urban environment is not only putting pressure on surface and groundwater resources, or on plant and soil water uptake through increasing food consumption, but is also increasing water scarcity for energy through heat islands created by increasing urban density. Increased coverage

of urban soils will significantly increase the amount of water run-off from the surface into the city, a process accelerated by the construction of sewer networks for drainage. This rapidly reduces the natural water retention capacity of soils and increases the risk of flash floods and flooding.

Read the full article at the link below:

<https://hirek.unideb.hu/tanacskoz-as-fenntarthato-jovo-erdekeben>

Source: hirek.unideb.hu



Experts discussed the past and future of plant breeding

The scientific results of energy grass, sugar beet, triticale and pepper breeding, polyploidization and plant cell division, which affect the biological and genetic basis of Hungarian plant production and horticulture, were also the topics of the III Plant Breeding Memorial Day and Conference. The event, organised by the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen, also commemorated the work of biologist László Havas. The Zoltán Kovács Research



Award was also presented at the conference. This year, Nóra Bákonyi, Associate Professor of the Department of Applied Plant Biology at the Faculty of Agricultural and Food Sciences and Environmental Management, received the award in recognition of her internationally significant research and development work in the field of annual flowers and her outstanding activities in the field of higher agricultural education.

Read the full article at the link below:

<https://hirek.unideb.hu/novenynemesites-multjarol-es-jovojerol-tanacskozta-szakemberek>



Source: hirek.unideb.hu





Smart solutions for agriculture

Precision agriculture was in the focus of the XX Tiszántúli Agricultural Science Days at the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen. Experts discussed the applicability of AI, innovative possibilities of precision breeding, circular farming and water management, among other topics.

Professor János Nagy (DE MÉK) gave a presentation on the

potential of AI in precision farming to 200 participants, followed by academician Miklós Neményi, who presented the milestones of the development of intelligent agricultural technologies, the 3rd Green Revolution. Academician Dénes Dudits assessed the innovative role of precision breeding in crop production, and Academician József Popp analysed the revaluation of agriculture in the circular economy.

The Agricultural Science Days of Tiszántúl - reviving the previous tradition - will be organised biennially by the Faculty of Agriculture of the University of Debrecen.

Read the full article at the link below:

<https://hirek.unideb.hu/intelligens-megoldasok-az-agrariumban>

Source: hirek.unideb.hu



Living together or coexisting? Wild animals in the big city

Why are wasps, spiders and nits so lovable? Are invasive mosquito species really the main carriers of malaria or West Nile fever in our country? Why are crows so attached to urban life? Urban wildlife, urban wildlife, urban wildlife. Human-wildlife conflicts were the topic of a mini-conference of the Department of Conservation Zoology and Game Management of the Faculty of Agricultural and Food Sciences and Environmental Management at the University of Debrecen.

Fifty native and three invasive mosquito species, the Asian tiger mosquito, the Japanese bush mosquito and the Korean mosquito, live in Hungary. However, contrary to popular belief, these mosquitoes are not the main carriers or spreaders of dangerous diseases such as malaria or West Nile fever," the conference heard. The conference, which was organised with the intention



of creating a tradition, also discussed the urban appearance of highly protected groundhogs, the diverse problems caused by the activities of the ecosystem engineer beaver, their solutions and last but not least, the forum gave a holistic overview of the domestic large carnivores.

Read the full article at the link below:

<https://hirek.unideb.hu/egyutteleles-vagy-egyutt-letezes-vadallatok-nagyvarosban?activeGalleryId=r5390510#lg=1&slide=19>



Source: hirek.unideb.hu

Follow us, follow MÉK!



Competitive eco-management at the University of Debrecen



The main goal of the University of Debrecen is to support the development of organic farming, as this can promote the emergence and application of innovative solutions, and further expand the teaching and scientific activities related to the sector within the institution, as stated at the opening ceremony of this year's Eco Expo.

This is the fifth time that the University of Debrecen (DE), the National Chamber of Agriculture, the East Hungarian Organic Culture Association and the Municipality of Hajdúnánás have

organised the Öko Expo. The programme, held in Hajdúnánás, Kendereskert, focused on interactive professional presentations and lectures on solutions and technologies that help organic farmers in their everyday life and sustainability.

At the Eco Expo, exhibitors presented their products at almost fifty stands, including the Agricultural Research Institutes and Agricultural Farming of the University of Debrecen and the Faculty of Agricultural and Food Sciences and Environmental Management. Among other things, the university's experts held presentations on the results and experiences of organic species demonstrations, organic seed production, round-table discussions and drone technology soil section demonstrations.



Read the full article at the link below: <https://hirek.unideb.hu/node/21848>

Source: hirek.unideb.hu

Special College conference

On 12 November 2024, the outstanding students of Tormay Béla and Kálmán Kerpely Kálmán Advanced Studies presented themselves at a joint conference for the 4th time. 13 students presented their academic achievements in front of their peers and a panel of judges.

Source: facebook.com/DEMEK.fb



Severe losses in maize and sunflower crops



This year's XXVII Maize, Sunflower and Soybean Conference of the Institutes for Agricultural Research and Educational Farm of the University of Debrecen and the Institute of Crop Science of the Faculty of Agricultural and Food Sciences and Environmental Management was held under the title "The future of maize and sunflower cultivation in Hungary - a necessity or an opportunity".

In the case of maize, last year's average yield was around 8.2-8.3 tonnes per hectare, but this year the expected yield is significantly lower, with producers expecting an average of 6 tonnes per hectare. For sunflower, the yield this year is in the range of 2.5 to 2.6 tonnes per hectare, compared to 3 tonnes per hectare last year.

The programme to support professional knowledge transfer ended with a practical demonstration at the University's Plant Experimental Farm in Látókép.

Read the full article at the link below:

<https://hirek.unideb.hu/node/21735>

Source: hirek.unideb.hu

Hungarian Society of Nutrition – 47th Assembly

The 47th Meeting of the Hungarian Nutrition Society was held in October in Kecskemét, Hungary. Six lecturers from our Faculty participated in the forum. The Assembly provided an excellent opportunity to present some of the nutrition and food science research and achievements of the Faculty.



Forrás: facebook.com/DEMEK.fb

CEFood conference 2024

The CEFood conference (12th Central European Conference) was held in Szeged, Hungary, between 13-16 October 2024, in cooperation with the Hungarian Nutrition Society.



Dr. Attila Péter Kiss, Head of the Centre, and Róbert Tupicza, Departmental Engineer, participated in the conference on behalf of the Agricultural and Food Knowledge Utilisation Centre of the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen.

Source: facebook.com/DEMEK.fb

Agricultural Sector Conference with DE-MÉK



Portfolio Group organised the Agricultural Sector Conference 2024 on 4-5 December 2024 in Siófok, Hungary.

The Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen was also present at the event with a booth, professional presentations and participation in round table discussions.

The full article can be found at the link below:

<https://mek.unideb.hu/hirek/agrarszektor-konferencia-de-mek-reszvetelvel>

Source: mek.unideb.hu



Work experience before you graduate? It is possible!



Prospective master's students had the opportunity to meet with corporate partners cooperating with the Faculty of Economics and the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen. At the forum, they could learn about the experiences of the dual training form and the professional practice opportunities.

At GTK-MÉK Dual Forum 2024, held on the Böszörményi út campus, fourteen companies welcomed the students, who could get useful information about the

opportunities offered by dual training from the representatives of the two faculties, and the corporate partners.

The participants were also able to obtain information on dual training from students currently studying in this form of training. All speakers were positive about their experiences. They all agreed that the experience they will gain would be a huge advantage when they start working after graduation. They also highlighted the network of contacts they had gained, as well as the appreciation and salary. They also stressed that it is not a problem to combine work and studies, as the university provides all the help and support.



Read the full article at the link below:

<https://hirek.unideb.hu/komoly-munkatapasztalat-meg-diploma-elott-lehetseges>

Source: hirek.unideb.hu

Strengthening US agricultural relations



The President of the Pennsylvania Farmers Union calls for an increase in the number of American students studying at the University of Debrecen and advocates for this. Michael Kovach visited the institution on 12 September.

Endre Harsányi, Vice Rector of the University of Debrecen, highlighted the dual degree program in Precision Agricultural Engineering launched last year in cooperation between the University of Debrecen and

South Dakota State University, which recently saw four students from the Faculty of Agriculture of the University of Debrecen go on a six-month study abroad. In addition to the lectures, the young people will have the opportunity to participate in farm internships, and students from South Dakota State University will also be coming to Debrecen in the following semesters.

Read the full article at the link below:

<https://hirek.unideb.hu/erosodo-amerikai-agrarkapcsolatok>

Source: hirek.unideb.hu



This year's DExpo was a full house!



The University of Debrecen organised the DExpo, its enrolment programme, with great success on 20-21 November. During the two days of the event, almost 6,000 secondary school students who were about to decide on their admission to the university learned about the institution's educational programmes and services.

Read the full article at the link below:

<https://hirek.unideb.hu/telt-hazas-volt-az-idei-dexpo-videoval>

Source: hirek.unideb.hu; facebook.com/DEMEK.fb



Lecture on Plant Botany by Ram Neupane, FAO Young Scientist

On 21 October 2024, the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen hosted Ram Neupane, PhD student of the Department of Plant Pathology and Environmental Microbiology at The Pennsylvania State University, USA, and representative of the FAO Young Scientists Programme.

"Bacterial diseases of onions and copper-based bactericides", for lecturers, PhD students and MSc students.



Source: facebook.com/DEMEK.fb

Hungary at the Higher Education Exhibition in the Philippines

On November 22-23, 2024, our Faculty was represented by the University of Debrecen's International Education Coordinating Center at the Philippine Higher Education Exhibition. This major event showcased the international education programmes of several European countries.

At the event, Roland Yap Fajardo, a graduate student of the University of Debrecen's Faculty of Agricultural and Food Sciences and Environmental Management with a Master's degree in Animal Science, also gave a presentation on his time at the University.

A report on our graduate student experience is available on the EHEF official website.

<https://www.ehefphilippines.com/testimonials>



Forrás: facebook.com/DEMEK.fb

Protecting cultural and historical values in a special place



In an unusual place, in a yurta in Erdőspuszta, the 3rd year students of the Nature Conservation Engineering course were able to expand their knowledge of the subject 'Protection of Cultural and Historical Values', organised by Dr. László Kövér, Assistant Professor.

The NapraFarm, the organic farm of the Napraforgó Waldorf School in Debrecen, served as an authentic location for teaching Hungarian folk architecture. Dr. Lajos Kozák, the school's horticulture teacher, also gave an insight into the practice of permaculture.



Source: facebook.com/DEMEK.fb

VisegradFund

Coordinated by the Faculty of Agricultural and Food Sciences and Environmental Management, the week-long "wet" training course at the Slovak University of Agricultural Sciences in Nitra, involving Ukrainian, Polish and Slovak students, supported by VisegradFund, was successfully completed in October.

Distinguished Slovak lecturers from the Faculty of Horticulture and Landscape Engineering gave lectures and exercises on meteorological processes, water balance modelling, measurement techniques, water balance determination, water retention in urban and natural environments, and water conservation.



More information: <https://mek.unideb.hu/en/node/1653>

Source: facebook.com/DEMEK.fb



National Mushroom Exhibition

On 18 October 2024, the students of the course "Knowledge and Protection of Wild Mushrooms" - 2nd and 3rd year Conservation Engineers - participated in the National Mushroom Exhibition organized in the Soroksár Botanical Garden of MATE, under the guidance of Dr. Péter Makleit.



The species they collected in the garden contributed to increasing the number of species on display and they also learned about the characteristics of the fungal families, genera and species on display. Under the guidance of botanical garden expert Gábor Botlik, a horticulturist, they learned about the characteristics of the garden and the plants found there.



Source: facebook.com/DEMEK.fb

Herb gathering and „In the forests and meadows” lecture at the Tóth Árpád High School in Debrecen

Dr. Judit Éva Lelesz, Research Fellow, gave a lecture on the mysteries of collecting wild herbs in the forest and in the field of medicinal plants in the context of the Health Week organised at the school.

Source: facebook.com/DEMEK.fb



Field exercise



Októberben került sor a II. éves természetvédelmi mérnök szakos hallgatók terepgyakorlatára. Az egynapos túra első állomása a Szomolyai Kaptárkövek Tanösvény volt, melynek bejárása során a hallgatók megismerkedtek a terület különleges geológiai és kultúrtörténeti értékeivel. A következő állomás az Eger mellett fekvő Nagy-Eged hegy volt. A szakmai út a Hortobágyon zárult. A terepgyakorlat vezetői Dr. Kövér László adjunktus és Paládi Petra PhD hallgató voltak.

Forrás: facebook.com/DEMEK.fb



Szolnok career choice exhibition

On the second day of the "Profession Maze - Learning for your future" event organised by Szolnok Profession Training Centre, our Faculty also welcomed students interested in agricultural, food and environmental sciences.

Young people visiting our stand were able to take thermal images, learn about microbiological methods to test the purity of water and learn about the production of cotton candy flavoured with herbs.

Source: facebook.com/DEMEK.fb



Internship at KITE Zrt.

In October, students of the Faculty of Agricultural Engineering, Precision Agricultural Engineering, Agricultural Water Management and Environmental Engineering and foreign Agricultural Engineers visited KITE Zrt. in Nádudvar. The students attended interesting lectures and a demonstration of mobile machinery in the field.

Source: facebook.com/DEMEK.fb



Career guidance days

As part of the interactive career guidance programme "The diverse world of agricultural sciences", they visited the botany and plant biology lab, the bird-friendly garden, the machine park, the Environmental Management Institute and the equestrian academy.



On 13 October 2024, Dózsa György Primary School students visited the Faculty. During the visit, the pupils saw the production facilities of the Food Innovation Center.



Source: facebook.com/DEMEK.fb

Students at South Dakota State University

Four students from the Faculty were given a unique opportunity to study for six months at South Dakota State University as part of the Precision Agricultural Engineering program. In addition to lectures, the future professionals also participated in farm internships.

Source: facebook.com/DEMEK.fb



Study competition for high school students at the Faculty of Agriculture

The finalists of this year's Secondary School Study Competition at the Faculty of Agricultural and Food Science and Environmental Management of the University of Debrecen demonstrated their knowledge in botany, animal biology and food science. This year, thirty-three students made it to the finals of the academic competition.



After four online written rounds of this year's competition, 11 teams competed in the oral final. The students demonstrated their knowledge of botany, plant life, zoology, animal life, agriculture and food, with a special focus on biology and chemistry. Theoretical and practical problems were solved in teams of three.



The team from DE Balásházy János Vocational Technical School, Secondary School and High School took first place in the Secondary School Students' Study Competition.



The Eötvös József Practical Primary School and Secondary School of the University of Nyíregyháza took second place, while the students of Balásházy School in Pallag also won third place.



In addition to the prizes, the participating and awarded students also gained valuable points, as they will receive 20 or 40 extra points depending on their results when applying to the University of Debrecen's Faculty of Agriculture.

Read the full article at the link below

<https://hirek.unideb.hu/kozepiskolasok-tanulmanyi-versenye-az-agrarkaron>

Source: hirek.unideb.hu

Best MÉK students awarded scholarships

Students with outstanding academic results and professional excellence at the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen received their National Scholarship for Higher Education. This year, eight students from the Faculty of Agriculture won the scholarship.

The National Higher Education Scholarship is open to full-time undergraduate, master's and postgraduate students who have completed at least two semesters of their current or previous studies and have earned at least 55 credits.

The Minister of Culture and Innovation, Balázs Hankó, awarded the grant recommended by the University in recognition of students with

outstanding academic and professional achievements.



Read the full article at the link below:

<https://hirek.unideb.hu/index.php/legjobb-mek-es-hallgatok-kaptak-osztondijat>

Source: hirek.unideb.hu

Awarded by the city for its work



Several outstanding teachers and staff members of the University of Debrecen were awarded on 23 October. On the national holiday, the Municipality of Debrecen traditionally awards prizes to recognize outstanding activities and life's work that create lasting value.

This year, the Debrecen Municipality organised a celebration to commemorate the 23rd of October, the 1956 Revolution and Freedom Fight.

At the commemoration ceremony held in the Kölcsey

Centre, Mayor László Papp presented this year's László Boncz, Csokonai, Gedeon Dóczy, Alfréd Hajós and Hatvani awards.

The Hatvani Prize of the City of Debrecen is awarded by the General Assembly to recognize outstanding work, scientific activity and life's work in the fields of natural sciences, health, social work, urbanism and urban development, which has created lasting value to develop the city and laid the foundation for the future.

This year, the General Assembly awarded Hatvani Prize to Judit Gálné Remenyik, habilitated Scientific Advisor, head of the Centre for Complex Systems and Microbiome Innovations at the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen, in recognition of her research and teaching activities, which have earned her national and international professional recognition.

Read the full article at the link below:

<https://hirek.unideb.hu/index.php/dijjal-ismerte-el-munkajukat-varos>

Source: hirek.unideb.hu

Success in Szilvásvár with student participation!

Between 4-6 October 2024, the 17th National Parade was organised in Szilvásvár.

Fodor Flóra, a student of the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen, also participated in the race.

Hortobágy Nonprofit Ltd. has been a partner of the University of Debrecen for many years and is a committed supporter of the practical training of professionals.

The Máta Ménes carriage of the Hortobágy team, driven by Tamás Szabolcs Kovács with Flóra Fodor as assistant driver, competed in the field. Nine drivers representing nine stud farms competed in the event. The competition was held in a direct elimination format.

The team, a debutant of the event, made a great start in the final race and won the starting grid in a very fast race, taking the

well-deserved laurel wreath and trophy.



Read the full article at the link below:

<https://mek.unideb.hu/hirek/szilvasvaradi-siker-hallgatoi-reszvetellel>

Source: mek.unideb.hu

DE MÉK students achieved 3rd place in Kaposvár



In the framework of the CAN UNIVERSITY DAYS, the competition of higher education institutions was held, where the team of the Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen achieved 3rd place in a great fight. The MÉK team of the University of Debrecen was represented by Szonja Czinege, a BSc student of Equine Breeding and Equestrian Organising in Agricultural Engineering, and Zsolt Csanádi and Zsolt József Lajter, students of Agricultural Engineering.

Several lecturers from the University of Debrecen MÉK participated in the preparation of the competitors. The team was assembled and managed by Dr. János Oláh, senior research fellow.

Read the full article at the link below:

<https://mek.unideb.hu/hirek/iii-helyezest-ertek-el-de-mek-hallgatoi-kaposvarott>

Source: mek.unideb.hu



Award-winning presentation at the 14th EUROPEAN CHESTNUT DAYS conference

In the plenary session of the international conference on chestnut cultivation and plant protection held in Greece between 12-15 September 2024, the lecturer of the Institute of Plant Protection of our Faculty, Dr. László Radócz, Associate Professor, won a prize for his scientific presentation.

His presentation was entitled: Protection of Hungarian Chestnut Production Sites and Local Cultivars.



Read the full article at the link below:

<https://mek.unideb.hu/hirek/nivodijas-eloadas-14-alkalommal-megrendezett-european-chestnut-days-konferencian>

Source: mek.unideb.hu

Honoured at the 10th Plant Health Days in Slovakia

On 22 October 2024, at the annual conference of the Slovak Society of Plant Health in Nitra, the Slovak Society of Plant Health awarded the VIT BOJNANSKY MEMORIAL MEDAL to Dr. Gábor Tarcali, Senior Research Fellow of the Institute of Plant Protection, Faculty of Agricultural and Food Sciences and Environmental Management, University of Debrecen.

The Medal is the highest honour of the Slovak Society of Plant Health and Plant Protection in Slovakia, which was awarded for the work in promoting the high-quality implementation of integrated pest management, training new generations of plant doctors and establishing cooperation between the Slovak Society of Plant Health and the Hungarian Chamber of Plant Protection Engineers and Plant Doctors

Source: facebook.com/DEMEK.fb



Three Minute Thesis (3MT)

On 15 October 2024, the Ministry of Culture and Innovation and the National Association of Doctoral Students organised the first Cooperative Doctoral Programme Conference. A highlight of the conference was the Three Minute Thesis (3MT) competition, where young researchers presented their innovative research in three minutes.

In the final in Budapest, the Faculty of Agricultural and Food Sciences and Environmental Management (MÉK) of the University of Debrecen was represented by PhD students Ferenc Czina and Orsolya Meier, who were among the top three winners for their research topic.

Source: facebook.com/DEMEK.fb



Dr. László Kaszás received the Janelly Prize



The Agricultural Sciences Department of the Hungarian Academy of Sciences and the Dr. László Kaszás has been awarded the Janelly Prize for his doctoral dissertation, under the auspices of the Deutsch-Ungarische-Gesellschaft in der Bundesrepublik Deutschland (DUG).

The award ceremony took place on 8 October at the MTA's Headquarters.

Source: facebook.com/DEMEK.fb

"Applied Chemical Ecology Award" for Prof. Dr. Miklós Tóth

Prof. Dr. Miklós Tóth, Professor Emeritus of our Faculty, and former Head of our Department of Plant Conservation, was awarded the "Applied Chemical Ecology Award" by the International Society of Chemical Ecology (ISCE) in Prague as a lifetime achievement award.

Source: facebook.com/DEMEK.fb





Honoured at the itinerant conference of the Hungarian Plant Breeders' Association

The Friends of Dr. Zoltán Kovács, the Presidency of the Hungarian Plant Breeders' Association and the Ereky Károly Biotechnology Foundation have awarded the 'Zoltán Kovács Research Award' to Dr. Nóra Bákonti, Associate Professor, in recognition of her research and development work.



Source: hirek.unideb.hu; facebook.com/DEMEK.fb



Soil Itinerant Conference

Faculty members of the Institute of Agrochemistry and Soil Science also participated in the 2024 Soil Science International Meeting held in Gödöllő between 18-20 September 2024, which focused on the processes that threaten soils and the factors that influence soil fertility.



Dr. Andrea Balláné Dr. Kovács, Associate Professor, Dr. Sándorné Kincses, Associate Professor and Dr. Zoltán Sándor, Assistant Professor participated with a poster, and Dr. Tibor Novák, Associate Professor, gave a presentation.

The poster of Andrea Balláné Dr. Kovács entitled "Changes in soil microbial biomass and microbiome composition as a function of different environmental and agrotechnical factors" won first place in the Soil Biology and Soil Productivity section.

The Soil Judging Contest, an English-language competition for young soil scientists, was held in the framework of the travelling assembly. Tamás Trungel, a second-year student of horticulture, represented our faculty at the professional competition.

Source: facebook.com/DEMEK.fb





Opening Ceremony Senate meeting - Awards

This year the Board of Trustees awarded Prof. Dr. Szilvia Veres, Vice-Dean of the Faculty of Sciences, the title of "Professor of the István Tisza Foundation for the University of Debrecen".

Source: facebook.com/DEMEK.fb



The Delegates' Assembly of the Student Council of the University of Debrecen awarded "Pro Auditoribus Universitatis Debreceniensis" Award to Dr. László Kövér, Associate Professor, for his outstanding professional and leadership activities in the interest of students.



Winning applications at MÉK: (source: pnyr.unideb.hu)

TITLE OF APPLICATION	CALL FOR APPLICATIONS CODE	SUPERVISOR	MANAGING ORGANISATION
Development of high-added-value dairy products with enhanced bioavailability through specific biotechnological processes based on sour whey, a by-product of cottage cheese production, using specific fibre and bioactive components	2023-1.1.1-PIACI_FÓKUSZ	Dr. Attila Péter Kiss	Centre for Agricultural and Food Knowledge
Participation at the MPU 2025 17th Congress of the Mediterranean Phytopathological Union	Patronage - MEC_24	Dr. András Csótó	Plant Protection Institute
Participation in three international conferences	Patronage - MEC_24	Basal Oqba	Department of Applied Plant Biology
Poster presentation at ICAB 2025: 19th International Conference on Agriculture and Biotechnology	Patronage - MEC_24	Dr. Szilvia Kovács	Institute of Plant Sciences
Poster presentation at ICAB 2025: 19th International Conference on Agriculture and Biotechnology	Patronage - MEC_24	Mrs Rebeka Balogh Aszalós	Institute of Plant Sciences
Participation in the "VII International Symposium on Postharvest Pathology: Next frontiers for improved knowledge and management of postharvest disease"	Patronage - MEC_24	Ludman-Mihály Kata	Institute of Food Science
Participation at the MPU 2025 17th Congress of the Mediterranean Phytopathological Union	Patronage - MEC_24	Andrea Zabiák	Institute of Food Science
Developing crop enhancers to mitigate drought damage in agriculture and an objective evaluation system to measure their effectiveness	2024-1.1.1-KKV_FÓKUSZ	Szilvia Veres	Faculty of Agriculture, Food Science and Environmental Management
Innovative leavening: developing microbiome, technology and health-promoting bakery products	2024-1.1.1-KKV_FÓKUSZ	Endre Máthé	Faculty of Agriculture, Food Science and Environmental Management
Nano-nitrogen as a possible alternative for ecologically efficient crop production in water scarce environments	SNN_24	Szilvia Veres	Faculty of Agriculture, Food Science and Environmental Management





Despite obstacles, the UniClad project with the participation of DE MÉK has been successfully completed

The UniClad (<http://uniclad.net/>) Erasmus+ Capacity Building project was coordinated by the Lithuanian Kauno Kolegija Higher Education Institution, leading 23 institutions from European and Eastern Partnership countries towards common goals with €1 million in funding.

The main objective of the project was to develop the potential of universities as an integral part of agro-industrial clusters by creating centres of expertise. During the project period 9 centres of expertise were established in Azerbaijan, Ukraine and

Moldova in the fields of dairy, IT, aquaculture, agriculture, food processing and green tourism. DE-MÉK's role during the implementation was to define the operational arrangements and activities of the expert centres, to implement their work plans and to provide expert assistance. The established centres of expertise operated on the basis of research bases, developing their research and infrastructure sharing activities between universities and enterprises. Dr. Leticia Chico Santamarta PhD (Valladolid) and Dr. István Komlósi, Professor,

were the leaders of the centre of expertise and pilot project work package.



DE MÉK will continue its cooperation with the University of Agricultural Sciences in Poltava and the University of Agricultural Sciences in Bila Tzerkva through an agreement.

Read the full article at the link below:

<https://hirek.unideb.hu/orientation-day-hogy-kozossegunk-tagjava-vali>

Source: mek.unideb.hu

Ukrainian students in international training

The UniClad Erasmus+ grant brought 8 Ukrainian students from the Bila Tzerkva University of Agricultural Sciences to the Faculty and the Faculty of Economics.



They took courses in aquaculture, food science and economics, led by lecturers from both faculties

Read the full article at the link below:

<https://mek.unideb.hu/hirek/ukran-hallgatok-nemzetkozi-kepzesben>

Source: mek.unideb.hu



FoodWaStop Cost project

Dr. Kata Ludman-Mihály, a research fellow of the Institute of Food Science, spent two months at the Polytechnic University of Marche in Ancona, Italy, under the supervision of Prof. Dr. Gianfranco Romanazzi, as part of the Short Term Scientific Mission of the FoodWaStop Cost project.

Source: facebook.com/DEMEK.fb



E-Food Erasmus Project in Plovdiv

The staff of the Institute of Nutrition, Dr. Endre Máthé Associate Professor, Róbert Nagy Assistant Professor, Tünde Vámosiné Pacza Assistant Professor and Judit Szepesi, Acting Expert, participated in the next meeting of the Erasmus Project E-Food in Bulgaria, organized by the University of Food Technologies (UFT) between 22-27 October 2024.



The meeting planned tasks to make food science education more interactive and to promote student-centered education.

During their stay, they also attended the 71st International Conference on Food Science, Engineering and Technology and a reception hosted by UFT Rector Dr Galin Ivanov

The trip included to the Bulgarian University's food technology training facility visit and an insight into traditional Bulgarian winemaking combined with the latest winemaking technology at the Starosel Wine Complex winery.

Source: facebook.com/DEMEK.fb

CEEPUS Programme

On 8 October, in the framework of the CEEPUS Programme, Dr hab. inż. Anna Jama-Rodzeńska, dr inż. Anna Jama-Rodzeńska and dr hab. prof. Bernard Gałka visited the Faculty, who came from Wrocław (Instytut Agroekologii i Produkcji Roślinnej, Uniwersytet Prrodciczny we Wrocławiu).

Source: facebook.com/DEMEK.fb



Maize for our health



Sweet corn is the most important field vegetable crop grown in Hungary, requiring favourable ecological conditions and intensive agrotechnology. The research project of the Faculty of Agricultural and Food Sciences and Environmental Management (MÉK) and the Faculty of General Medicine (ÁOK), which has just ended, aimed to develop complex technological models that help to increase the yield of sweet corn and produce a quality raw material - healthy food - that supports the preservation and improvement of human health.

Researchers at the University of Debrecen have found that sweetcorn consumption does not increase the risk of obesity or diabetes, but may help maintain eye health and improve certain cognitive abilities due to its high lutein and zeaxanthin content. The results of a four-year research programme carried out jointly by the Faculty of Agricultural and Food Sciences and Environmental Management and the Faculty of General Medicine were presented.



The research was supported by the 2020-1.1.2-PIACI-KFI-2020-00064 grant Win-win technology in healthy food sweet corn production. The consortium partners of the project were Fitopedon Ltd, Irrifarm Ltd, Geoterra 96 Ltd and Formula GP Ltd.

Read the full article at:
<https://hirek.unideb.hu/kukoricaval-az-egeszsegunkert>



Source: hirek.unideb.hu

Orientation Day to become a member of our community!



The Faculty of Economics and the Faculty of Agricultural and Food Sciences and Environmental Management jointly organised the Orientation Day for first-year undergraduate, master's and PhD students from abroad. The aim of the event was to present the cultural, leisure and social opportunities available at the university, in the faculties and in the city, and to provide useful information to help young foreigners integrate into the university community.

The Deputy Mayor of Debrecen, István Puskás, also welcomed the foreign students.

In the Faculty of Economics and the Faculty of Agricultural and Food Sciences and Environmental Management, almost 250 foreign first-year students started their bachelor, master and PhD studies in September.



During the O-day, students had the opportunity to learn about the university communities, the services of the DE University and National Library, the scholarships coordinated by the International Office, the MAG Praktikum offering dual training places, the sports facilities offered by DEAC and UniFit, and the cultural institutions of the city, including the Csokonai National Theatre and MODEM.



Read the full article at the link below:

<https://hirek.unideb.hu/orientation-day-hogy-kozossegunk-tagjava-vali>

Source: hirek.unideb.hu

It was worth cycling to the greenest campus

About three hundred portions of apples and fresh pastries were distributed on the morning of 9 October 2024 on Böszörményi Street campus, where the University of Debrecen's Faculty of Agricultural and Food Sciences and Environmental Management (MÉK) and the Faculty of Economics and Business Administration (GTK) organised a Brunch Breakfast for the first time, with the intention of creating a tradition.



The two faculties of the university thanked the environmentally consciousness with fresh, crispy apples from the Pallag farm and delicious pastries prepared jointly by MÉK and Balmaz Sütöde Kft., as those who arrived on the Böszörményi Road campus by bike had no problem with breakfast.

The organisers had a clear aim to raise awareness

about healthy, sustainable lifestyles and regular exercise. They also wanted to promote cycling among university students and encourage them to go green.

Read the full article at the link below:

<https://hirek.unideb.hu/megerte-kerekparral-erkezni-legzoldebb-campusra>



Source: hirek.unideb.hu

"Our present is rooted in the past, our future in the present"



The Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen (DE MÉK) welcomed more than a hundred of its former students at a graduation ceremony on the Böszörményi Road campus. This year, continuing a tradition started nearly two decades ago, the biographies of former students were used to compile a book presenting the careers of students who graduated from MÉK 50, 60 and 65 years ago, and

their many years of successful work in the service of their profession.

The Faculty of Agricultural and Food Sciences and Environmental Management of the University of Debrecen has awarded 69 gold, 30 diamond and 7 iron jubilee certificates to those who graduated from the predecessor Debrecen Agricultural College 50, 60 and 65 years ago



Read the full article at the link below:

<https://hirek.unideb.hu/jelenunk-multban-jovonk-jelenben-gyokerezik>

Source: hirek.unideb.hu



Professional day for foreign students

On 15 November 2024, the Faculty's foreign students took part in a professional trip organised by Mariett Papp, Faculty Coordinator, and accompanied by Kusuma Astuti Putri, Research Assistant. Our students visited the Hortobágy Nature Conservation and Gene Preservation Nonprofit Ltd. Máтай Ménes, and Korona Gomba Kft (one of the

largest mushroom producing companies in Central Europe).

Here they had the opportunity to learn about the production processes supported by modern technologies and to taste the mushroom products produced by the company. The day ended at the Demjén Thermal Baths.

Source: facebook.com/DEMEK.fb

The graduates of the Faculty of Agriculture received their diplomas

In the autumn semester of the 2024/2025 academic year, 176 students completed the degree requirements in bachelor, master, higher and further education.

Of the graduates, 5 graduates received an honours degree, 36 outstanding, 50 excellent, 79 good and 6 satisfactory. Prior to the graduation ceremony, faculty awards were presented.

Ágnes Demjén Kocsisné, expert adviser, was awarded the Dean's Certificate of Recognition. Dr. Evelin Kármén Juhász, Assistant Professor, received the Teacher of the Year Award.



In recognition of the many years of professional cooperation, coordinated enrolment and teaching activities, the DE MÉK Faculty Council decided at its last meeting to establish the title of Partner Secondary School and Titular Master Teacher of the Faculty of Agriculture, Food Science and Environmental Management. This year, DE Balásházy János Practical Technical College, High School and College and the ÉASZC Széchenyi István Agricultural and Food Technical Vocational School and Dormitory of Hajdúböszörmény

were awarded the title. The title of Master Teacher of MÉK was awarded to Margit Veresné Nagy, a teacher at the Elemér Székács Reformed Secondary School, Agricultural and Food Technology College, Vocational School and College in Törökszentmiklós, and Lajosné Tóth Tóth, a teacher at the Széchenyi István Agricultural and Food Technology Secondary School, Vocational School and Dormitory of the Northern Agricultural Vocational Training Centre.

Read the full article at the link below:

<https://hirek.unideb.hu/atvettek-diplomaikat-az-agrarkar-vegzosei>

Source: hirek.unideb.hu





Professor Mihály Dr. Sárvári turns 80

The Faculty of Agricultural and Food Sciences and Environmental Management and the Department of Crop Production, Applied Ecology and Plant Breeding of the Institute of Crop Sciences of the University of Debrecen held a Festive Scientific Meeting on the occasion of the 80th birthday of Prof. Dr. Mihály Sárvári professor emeritus on 29 October 2024.

A book entitled "Sustainable Crop Production in the Light of Climate Change", edited by Prof. Dr. József Csajbók, Head of the Department and Professor, was published in connection with the festive meeting.



Read the full article at the link below:

<https://mek.unideb.hu/hirek/dr-sarvari-mihaly-profeszor-ur-80-eves>

Source: mek.unideb.hu



CARPE's governing body met in Porto

The governing body of the Consortium on Applied Research and Professional Education (CARPE) met in Porto. The University of Debrecen was represented at the event by László Csernoch, Vice Rector for Research and Zsolt Varga, Director of Research.

In 2015, the University of Debrecen (DE) joined CARPE - Consortium for Applied Research and Professional Education, an international organisation established by universities with a strong applied research profile.

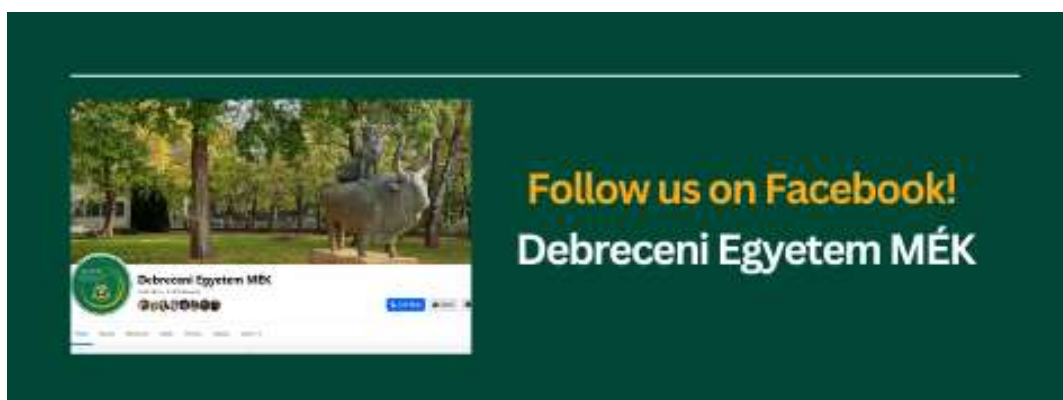
In addition to the Board meeting, a Special Interest Groups (SIG) Forum was held, where the leaders of the disciplinary working groups presented their recent activities and outlined their work plans for the next period.

As a member of the DE delegation, Judit Csoba, Professor of the Institute of Political Science and Sociology of the Faculty of Social Sciences, as the leader of the Societal Challenges SIG, and Szilvia Veres, Professor of the MÉK, as the co-chair of the Food SIG, presented their results.

Read the full article at the link below:

<https://hirek.unideb.hu/portoban-ulesezett-carpe-vezeto-testulete>

Source: hirek.unideb.hu



Young MÉK researcher at the UN World Food Forum in Rome

From 14-18 October 2024, Ayaz Mukarram Shaikh, Assistant Research Fellow at the University of Debrecen's MÉK and member of the Young Scientists Group (YSG) represented the University of Debrecen at the World Food Forum event held at the Food and Agriculture Organization (FAO) headquarters in Rome.

A researcher from the faculty served as a juror for the NexusArt exhibition, which showcased innovative artworks focusing on sustainability and the challenges of the food economy.

Read the full article at the link below:

<https://mek.unideb.hu/hirek/debreceeni-egyetem-mezogazdasag-elelmiszertudomanyi-es-kornyezetgazdalkodasi-kar-mek-fiatal>

Source: [hirek.unideb.hu](https://mek.unideb.hu)



REUSE EUROMED 2024

Prof. Dr. János Tamás participated in the poster session at the REUSE EUROMED 2024, Euro-Mediterranean Conference on Wastewater Reuse in Montpellier, France, between 29-31 October.

The theme of the poster presented: Attila Nagy - János Tamás: Assessment of the utilization of water resource with urban origin in agricultural systems.

Source: facebook.com/DEMEK.fb



Conference participation in Turkey

From 23 to 26 October 2024, the staff of the Institute of Land Use, Engineering and Precision Farming Technology participated in the "2nd International Congress on Sustainable Development in the Human Environment & Current and Future Challenges" in Antalya, Turkey.

Source: facebook.com/DEMEK.fb



Study tours

The students of the Institute of Water and Environmental Management visited MVM Mátra Energia Zrt. and MOL Petrochemicals Ltd. in Tiszaújváros as part of their study trip.

Source: facebook.com/DEMEK.fb





Outgoing teachers, students September - December 2024

Mobility of teachers, staff and students (source: DE International Office)

Name of participant	Mobility type	Programme	Name and representative of the host institution	Location of mobility	Trip duration	
Travelling teachers, staff						
Basal Oqba	learning mobility	CEEPUS programme	University of South Bohemia in Ceske Budejovice	Czech Republic	2024.10.14	2024.10.18
Basal Oqba	learning mobility	CEEPUS programme	Matej Bel University in Banska Bystrica	Slovakia	2024.10.07	2024.10.11
Outgoing students						
Eszter Bihari	learning mobility	Pannonia Scholarship	Universität für Bodenkultur Wien	Austria	2024.09.10	2025.02.02
Bray Isabelle	learning mobility	Pannonia Scholarship	University of Chemistry and Technology	Czech Republic	2024.09.09	2025.02.07
Gabriella Bianka Csikos	internship	Pannonia Scholarship	Agrarna AR sp.z.o.o.	Poland	2024.07.01	2024.09.01
Rozsos Kinga Lara	internship	Pannonia Scholarship	ChocoHouse	Italy	2024.06.24	2024.10.11
Eszter Steib	internship	Pannonia Scholarship	Clubul Sportiv Drosera	Romania	2024.07.08	2024.09.27
Klaudia Tikász	learning mobility	Pannonia Scholarship	Universität für Bodenkultur Wien	Austria	2024.09.16	2025.02.28

Visiting teachers, students September - December 2024

Mobility of teachers, staff and students (source: DE International Office)

Name of participant	Mobility type	Programme	Sending institution	Host Party	Duration
Travelling teachers, colleagues					
Dr Saber Delpasand Khabbazi	mobility for teaching purposes	Erasmus +	Yozgat Bozok University	University of Debrecen	2024.12.09 - 2024.12.13
Dr Nebojsa Jurisevic	mobility for teaching purposes	CEEPUS	University of Kragujevac	University of Debrecen	2024.10.07.- 2024.10.11.





Dr Anna Jama-Rodzeńska	learning mobility	CEEPUS	Wroclaw University of Environmental and Life Sciences	University of Debrecen	2024.10.07.-2024.10.11.
Dr Anna-Szuba-Trznadel	learning mobility	CEEPUS	Wroclaw University of Environmental and Life Sciences	University of Debrecen	2024.10.07.-2024.10.11.
Dr Bernard Gałka	learning mobility	CEEPUS	Wroclaw University of Environmental and Life Sciences	University of Debrecen	2024.10.07.-2024.10.11.
Travelling students					
Santiago Elviro	learning mobility	Erasmus +	Universidad de Zaragoza	University of Debrecen	autumn semester
HUGO ROX MUÑOZ	learning mobility	Erasmus +	Universidad de Zaragoza	University of Debrecen	autumn semester
Jorge Manuel Sarto Cinto	learning mobility	Erasmus +	Universidad de Zaragoza	University of Debrecen	autumn semester
Alexandre Diló	learning mobility	Erasmus +	Higher Polytechnic Institute of Cuanza Sul	University of Debrecen	autumn semester
Ayaulym Toktassyn	learning mobility	bilateral agreement	Almaty Technological University	University of Debrecen	autumn semester
Masego Sekhurwane	learning mobility	Erasmus+ KA171	University of the Free State	University of Debrecen	autumn semester
MAKANYA TUMBO	learning mobility	Erasmus+ KA171	University of Dodoma	University of Debrecen	autumn semester
Noela Hello	learning mobility	Erasmus+ KA171	University of Dodoma	University of Debrecen	autumn semester
BUSE KARATEKİN	learning mobility	Erasmus +	Yüzüncü Yıl Üniversitesi	University of Debrecen	autumn semester
Madina Mussakhan	learning mobility	bilateral agreement	Saken Seifullin Kazakh Agrotechnical University	University of Debrecen	autumn semester





Students admitted to PhD courses starting in September 2024

SITE	DOCTOR'S SCHOOL	TOPIC LEADER	TOPIC
Abbas Naqibzadeh	Doctoral School of Animal Sciences	Dr. Attila Németh	Animal Science (Investigation of The Taxonomy, Ecology, Conservation Status and Impact on Agriculture of the Lesser-Known Middle Eastern Blind Mole Rats (Rodentia: Spalacinae))
Sumayya Sana Shaikh	Doctoral School of Animal Sciences	Dr. Renáta Knop	Evaluation of antibacterial potential of essential oils from spices against selected avian pathogenic bacteria
Antal Domonkos	Doctoral School of Animal Sciences	Dr. János Oláh	Analysis of performance parameters of indigenous horse breeds
Gábor Bancea	Doctoral School of Nutrition and Food Science	Dr. Endre Máthé	Characterization of the phytonutrient profile of bud extracts and investigation of mechanisms of action for the development of anti-diabetic/inflammatory nutraceuticals
Orsolya Meier	Doctoral School of Nutrition and Food Science	Dr. Miklós Fári	Investigation of foods and dietary supplements from pressed green juice of monocotyledonous grasses potentially cultivable in the space environment
Patrik Szatmári	Doctoral School of Nutrition and Food Science	Dr. Miklós Fári	Biotechnology of leafy pepper varieties suitable for human consumption and development of a new generation of functional space foods
Rana Shahriyari Ansaroudi	Doctoral School of Nutrition and Food Science	Dr. Erzsébet Karaffa	Environmentally-friendly alternatives to increase microbiological safety and quality of vegetables
Veronica Recalde Solíz	Doctoral School of Nutrition and Food Science	Dr. Tünde Pusztahelyi	Mycotoxin elimination with bacterial cells and cell parameters
Sangram Wandekhar	Doctoral School of Nutrition and Food Science	Dr. Béla Kovács	Studies on formulation and characterization of biodegradable serving kitchen tableware with effective utilization of food processing waste
Heltan Mwalugha	Doctoral School of Nutrition and Food Science	Dr. Tünde Pusztahelyi	Investigations of Aspergillus flavus to reduce aflatoxin contamination in crops
Boris Elchev (arrived for 1 semester)	Doctoral School of Nutrition and Food Science	Dr. Endre Máthé	Morphofunctional Indexes of the Immune System of the Lambs' Organism at Application of Phytobiotic Farmatan
Balázs Csizi	Kerpely Kálmán Doctoral School	Dr. Adrienn Kakuszi-Széles	Effect of different fertilizer doses on yield and nutritional parameters of different groundnut varieties





SITE	DOCTOR'S SCHOOL	TOPIC LEADER	TOPIC
Ottó Dorogházi	Kerpely Kálmán Doctoral School	Dr. János Nagy	Application of AI to improve precision maize cultivation technologies
Gergely Kávássy	Kerpely Kálmán Doctoral School	Dr. Dr. Éva Ragánné Dr. Szabó	Investigation and mitigation of abiotic stress factors induced by climate change in potato (<i>Solanum tuberosum</i> L.)
Nikoletta Kiss	Kerpely Kálmán Doctoral School	Dr. Antal Nagy	Complex analysis of factors affecting quality and storage parameters of apple fruit varieties
Béla Mokos	Kerpely Kálmán Doctoral School	Dr Zsolt Sándor	Effect of afforestation of saline soils on soil properties
Alexandra Nagy Ildikó	Kerpely Kálmán Doctoral School	Dr. András Szabó	Effect of abiotic stress on yield and yield parameters of legume crops
Tímea Nagyné Mester	Kerpely Kálmán Doctoral School	Dr. Péter Pepó	Studies on growth regulators in winter wheat genotypes
Klaudia Kőszegi	Kerpely Kálmán Doctoral School	Dr. Antal Nagy	Composition of large lepidopteran communities in agro-ecosystems and methods for our assessment
Wasikoyo Erastus Masika	Kerpely Kálmán Doctoral School	Dr. Csaba Juhász, Dr. József Zsembeli	Investigation of the CO ₂ emission and organic carbon stock of agricultural soils at different production sites
Gumisiriya Costa	Kerpely Kálmán Doctoral School	Mrs Dr. Andrea Balláné Kovács	Effect of environmental and agrotechnical factors on soil chemical and microbiological parameters
Rabbi Hoque	Kerpely Kálmán Doctoral School	Dr. Gábor Tarcali	Investigation of the molecular characteristics, biological control strategies, and distribution pattern of sunflower diseases in Eastern Hungary region



Scientific published between September and December 2024

(source: filtered from IDEA Knowledge Space)

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(source: based on screening from IDEA Knowledge Space (31.12.2024))

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