



Danubius Awards 2021

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Background of the Danubius Awards

The Austrian Federal Ministry for Education, Science and Research (BMBWF) and the Institute for the Danube Region and Central Europe (IDM) created the Danubius Award in 2011 with the intention of honoring persons with extraordinary achievements in their scientific activity and output in relation to the Danube Region. Within a rotation system, in one year achievements in the fields of social sciences and humanities are awarded, in the following year achievements in the fields of life sciences.

Previous award winners were Prof. Dr. Dr. h.c. Klaus Roth (Germany), Prof. Dr. Miroslav Veskovíc (Serbia), Prof. Dr. András Inotai (Hungary), Em.O.Univ.Prof. Dipl.-Ing. Dr.nat.techn. Dr.h.c. Leopold März (Austria), Prof. Dr. Ingeborg Fialová (Czech Republic), Prof. Dr. Maroš Finka (Slovak Republic), Prof. Béla Greskovits (Hungary) and Prof. Jiří Balík (Czech Republic), Prof. Andrei Pippidi (Romania).

Since 2014 this award has been complemented with a specific prize for young scientists—the so-called **“Danubius Young Scientist Award”**. The award seeks to encourage young scientists to engage themselves in the scientific examination of problems and questions specifically related to the Danube River and to stimulate the scientific community in the Danube region. Universities, Academies of Sciences and Research Institutions in all 14 countries of the Danube Region have been encouraged to nominate suitable and promising candidates that have then been assessed by an international expert jury. The highest ranked candidate of each of the countries that submitted eligible nominations will now be awarded with the prize.

Since 2018 there has been a new prize category—the so-called **“Danubius Mid-Career Award”**, which was introduced to close the gap between the two already existing categories, the promising young scientists at the beginning of their careers on the one hand and the senior researchers with well-established careers on the other hand. The new prize category will highlight and support ambitious young scientists, who have successfully taken the first steps on their scientific career ladder and are on the best way to the top of their research field.

The Austrian Federal Ministry of Education, Science and Research (BMBWF) and the Institute for the Danube Region and Central Europe (IDM) are glad to announce the Danubius Award winners of 2021:

Danubius Award in the field of Life Sciences



Josef Glössl

Austria

Josef Glössl, PhD, Full Professor of Applied Genetics and Cell Biology at the University of Natural Resources and Life Sciences, Vienna (BOKU), was born in 1954 in Styria, Austria.

He studied Biology and Biochemistry at the University of Graz and received his Ph.D. degree in 1979. As postdoctoral researcher at the Medical Faculty of the University of Münster (DE), he completed his habilitation in Physiological Chemistry. After moving to BOKU in Vienna in 1985, he habilitated in Cell Biology and was appointed as Full Professor and Head of the Centre of Applied Genetics in 1993. His scientific research and teaching activities are in the fields of cell and molecular biology, genetics, with a specialization in glycobiology and biotechnology of animal and plant systems, where he published more than 100 peer-reviewed articles.

From 2010 to 2018 he served as Vice Rector for Research and International Research Collaboration of BOKU. He also served as Chair of the Assembly of Delegates of the Austrian Science Fund from 2015-2019. From 2010-2014 he served as President of the Austrian Association of Molecular Life Sciences and Biotechnology. Since 2015 he is member of the International Advisory Council of the Global Bioeconomy Summit and since 2018 Board member of the European Plant Science Organisation. Currently he acts as Vice Chair of the University Council of the Medical University of Innsbruck.

Josef Glössl has been particularly engaged in the Association for European Life Sciences Universities and CASEE and the ICA Regional Network for Central and South Eastern Europe. Since 2017, he has been Chair of the ICA Bioeconomy Committee and ICA Board member. Within ICA-CASEE, the Danube Rectors' Conference and the Visegrad University Association he actively contributed to measures for implementing the EU Strategy for the Danube Region.

Danubius Mid-Career Award



Tijana Dabović

Serbia

[Tijana Dabović](#), PhD, Associate Professor at the University of Belgrade, Faculty of Geography, Department of Spatial Planning, was born in Belgrade in 1977. In 2002, she graduated in spatial planning at the same Faculty, where she started working as a Teaching Assistant. In 2004, she was invited by the SPECTRA – Centre of Excellence of EU at

Slovak University of Technology in Bratislava as a visiting young academic. This enabled her to prepare her MSc thesis in 2006 on national spatial development strategies with Slovakia and the Netherlands as case studies. In 2011, she completed a PhD thesis on Possibilities of improving integration in spatial planning theory. Both were awarded for the best MSc (2007) and PhD thesis (2012) in spatial planning by the Institute of Architecture, Urban and Spatial Planning of Serbia.

As a lecturer and researcher in the fields of planning theory, land use planning and geodesign she is generally interested in frameworks which foster co-evolution of disciplines, sectors, scales and spaces, substantive and procedural models, as well as fundamental and contextual aspects in spatial planning research, education and practice. With this regard her work focuses on conceiving and engaging in contextualised, structured collaboration among stakeholders leading to improved knowledge and action for green and just places and spaces. She presents her work in international and national peer-review journals, books and at conferences.

Since 2015 Tijana Dabović has been the National Representative of Serbia in the Association of European Schools of Planning and since 2017 a member of the AESOP Excellence in Education Board. Since 2020 she is a member of the Academy for Territorial Development in the Leibniz Association International Working Group “Beyond the process – Finding common ground for a discussion on planning’s substantial foundation”.

Danubius Young Scientist Awards



Claudia Gusenbauer

Austria

Claudia Gusenbauer, PhD, is working as a postdoctoral researcher at the Institute of Wood Technology and Renewable Materials at the University of Natural Resources and Life Sciences, Vienna (BOKU).

She studied Wood Technology and Management in her master's program, of which she spent one semester at the Swedish University of Agricultural Sciences (SLU) in Uppsala, Sweden. She was working as a student assistant at the company Wood K plus for five years besides her studies. In her PhD at the BOKU-Institute of Wood Technology and Renewable Materials, she studied the fundamental chemical surface behavior of wood nanostructures and investigated the performance of functionalized wood materials.

As wood technologist, she focused on high-resolution microscopy techniques such as atomic force microscopy and strived to better understand the chemical surface behavior of wood micro- and nano- structures. She is convinced that an improved fundamental understanding of wood cell walls will support a broader application of wood materials, such as filter materials. From May to July 2019, she was working at Lehigh University, PA, USA, at the Department of Chemistry to apply novel scanning probe microscopy methods on wood.

In January 2021, she started a postdoctoral position at BOKU for research and teaching, in which she continues investigating the nano-structural design of wood materials towards the fabrication of functional wood materials. Such functionalized materials offer the possibility to render wood into a multi-functional material usually not associated with wood.

As of 2021, she published ten papers as main or co-author in international peer-reviewed journals, she participated in six international conferences (e. g. Japan, Switzerland, Germany) and was awarded with five research prizes.



Mirna Raič

Bosnia and Herzegovina

Mirna Raič, PhD works as an assistant professor at the University of Mostar, Faculty of Civil Engineering.

She is part of the University of Mostar, Faculty of Civil Engineering since 2001. At first in role of research associate in projects and instructor in the group of hydraulic engineering subjects, then as coordinator for international cooperation, Assistant Vice-dean for science and since today she is Editor-in-Chief of e-ZBORNIK, Electronic Collection of Papers of the Faculty of Civil Engineering.

In period 2011–2019 she was engaged by the Ministry of Civil Affairs of Bosnia and Herzegovina, at the beginning as Focal point for the University of Mostar for FP7, COST and EUREKA programs and afterwards as national contact point for the program HORIZON 2020, the area of EURATOM for Bosnia and Herzegovina.

In 2017, she defended her PhD thesis in the scientific area of Technical sciences, scientific field of Civil Engineering, branch Hydrotechnics at the University of Mostar. Her research is focused on research of groundwater flow in media with variable conductivity with special overview on karst areas.

She is active in Bachelor and Master level courses related to Hydro-mechanics, Hydrotechnical structures, Hydraulics, Using of hydro-power energy, Groundwater modeling, Groundwater flow and transport modeling and Hydrotechnical modeling.

As of June 2021, she participated in more than 30 research and scientific projects and published several papers. One of the projects that she was involved in is FP7 project Impact Monitoring of Mineral Resources Exploitation (ImpactMin), 2010–2013.



Svilena Mihaylova

Bulgaria

[Svilena Mihaylova](#), PhD works as a chief assistant professor at the Department of Economics at the University of Economics—Varna, Bulgaria. She has a Bachelor degree in International Economic Relations and a Master degree in Corporate Finance from the same university. In 2009 she graduated with distinctions at the University of Groningen, the Netherlands, earning a Master degree in International Economics and Business.

In 2010, she started working as a research and teaching assistant at the University of Economics—Varna, Bulgaria. In 2016 she defended her PhD thesis “The impact of foreign direct investment on income inequality in Central and Eastern Europe since 1990” and obtained the position of chief assistant professor.

She has experience in teaching courses in Microeconomics, Macroeconomics, Transnational Corporations and Foreign Direct Investment, and Global Business Environment, delivered in both Bulgarian and English. She also serves as a reviewer and supervisor of students’ bachelor and master theses. She has been involved in the course delivery within a joint Master program and project of University of Economics in Varna and Nottingham Trent University, UK and gained teaching experience as a lecturer in the English-taught double degree programmes of Varna University of Management and Cardiff Metropolitan University, UK.

In her research she concentrates on the social and economic aspects of globalization with a special focus on Central, Eastern and South-Eastern Europe. In particular, her work focuses on the determinants and the impact of foreign direct investment on host countries, especially on income distribution. The results of her research have been published in prominent national academic journals, as well as in international peer-reviewed journals. She is a member

of the Research Centre on Globalization and Foreign Direct Investments at the University of Economics—Varna, where she currently finalizes her work on a scientific project titled: “The inflow of Foreign Direct Investment and the Reindustrialization of the Bulgarian Economy: The Case of Inward FDI from Germany & France”.



Tihomir Kovač

Croatia

Tihomir Kovač, PhD, postdoctoral research fellow at the Josip Juraj Strossmayer University of Osijek, Faculty of Food Technology Osijek, was born in 1986. In 2010, he was the first laureate student graduated according to Bologna process from the Faculty of Food Technology at the University of Osijek, where he started working in the 2012.

In 2017, he defended his PhD thesis in the field of biotechnology at the University of Zagreb, Faculty of Food technology and biotechnology.

As of October 2021, he published 27 papers in international peer-review journals, participated on more than 20 international and national scientific conferences with more than 35 presentations. Moreover, he acted as a reviewer more than 74 times, and worked on several international, national scientific conference and professional projects. Since 2015, Tihomir Kovač spent more than 17 months in total at the Institute of Bioanalytics and Agro-Metabolomics, Department of Agrobiotechnology, IFA-Tulln, University of Natural Resources and Life Sciences, Vienna, Austria working on multimycotoxin analysis with help of different scholarships and as a senior researcher on different scientific projects. He keeps actively volunteering in the promotion of science and nutrition through public programmes where he actively involves students.

Since January 2017, he is member of Technical preparation and design board of international peer-reviewed scientific journal Croatian Journal of Food Science and Technology published by Faculty of Food Technology Osijek, Josip Juraj Strossmayer University of Osijek. Moreover, he is editor of Environmental Stress on the Production of Mycotoxins special issue of scientific journal Toxins.

Tihomir Kovač was awarded with the Vera Johanides Award for Young Scientists for 2020, with Annual Award of the Faculty of Food Technology

Osijek for achievements in the field of research, teaching and professional work in 2018, and with FEMS meeting grant for young scientist in 2015.

He is member of several scientific societies such as Croatian microbiological society, Croatian Society of Toxicology, and the Croatian Society of Biochemistry and Molecular Biology.

With a research interest focused on the topics of political economy of the European integration and economics of inequality, his academically rigorous and critical approach aims to progressively transcend the ideological oppositions to comprehensively improve the economic science. He is a passionate advocate of economic pluralism working toward the advancement of a genuine and admirable alliance of the European countries in pursuit of equality, cohesion, and solidarity.



Petra Šedová

Czech Republic

Petra Šedová, MD, PhD, is a postdoctoral researcher in International Clinical Research Center of St. Anne's University Hospital in Brno, a research collaborator at the Department of Neurology, Mayo Clinic (Rochester, USA), and a physician at the Department of Internal Medicine, Hematology and Oncology, University Hospital Brno and Faculty of Medicine, Masaryk University. Beside Medical Faculty, she graduated from the Faculty of Law and Faculty of Economics at Masaryk University. She completed a Postdoctoral Diploma Program in Clinical and Translational Science at Mayo Clinic in 2014. She obtained her PhD in Neurology (Thesis Neuroepidemiology of Stroke in the Czech Republic) in 2017. In 2018 she was awarded Martina Roeselova Memorial Fellowship to encourage life scientists to balance out competitive scientific work with good quality care of pre-school children.

She is leading a Stroke Epidemiology group, which provided the first valid data on stroke, stroke types and subtypes incidence, risk factor, mortality trends in the Czech Republic. She is a part of the Stroke team, whose members cofounded the international Registry of Stroke Care Quality (RES-Q) and are actively cooperating with Angels Initiative for stroke care improvement across the Europe. She has been involved in teaching and mentoring medical students and one PhD student (Neurosciences).

She (co-)authored more than 12 papers published in peer-reviewed journals (WOS), co-authored one book and book chapter, clinical practice guidelines, has 90 citations, and h-index 4.



Mihai-Razvan Corman

Germany

Mihai-Razvan Corman, PhD Researcher at Ghent University, European Law Institute, was born in Moldova on 9 July 1992. He studied law at Humboldt University in Berlin and obtained a Master's Degree at the College of Europe (Natolin).

His PhD thesis deals with EU internal and external anti-corruption efforts towards Member States and neighbouring non-EU countries in the areas of public procurement, policy against fraud for the protection of the Union's financial interests and political party funding.

As of November 2021, he published 19 articles, among which in international peer-review journals, papers, studies and reports for the Bertelsmann Stiftung, Hertie School of Governance and London School of Economics. He was Project Manager at the Moldovan-German Forum (Chisinau) and Research Fellow at the Institut für Europäische Politik (Berlin) and the Institute of European Democrats (Brussels). Also, he worked as an Independent Consultant for the Council of Europe, European Commission and European Parliament and as research associate for different international law firms. Currently, he is Advisor for the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) in Moldova.



Veronika Szeghy-Gayer

Hungary

Veronika Szeghy-Gayer, PhD born in 1986 in Budapest, is a senior researcher at the Institute of Social Sciences, Centre of Social and Psychological Sciences of the Slovak Academy of Sciences, with a doctorate in history and a master degree in Italian language and culture from ELTE Budapest.

Previously, she worked at the Institute for Minority Studies, Hungarian Academy of Sciences, and was an external lecturer in the Department of History, Pavol Jozef Šafárik University of Košice. Currently, she is a member of the Trianon100 Research Group of the Hungarian Academy of Sciences and cooperates with the ECR project of the Institute of Political History in Budapest that both examines the post-imperial transitions after 1918 in the Danube region.

Her research interests include the field of Central and East European nationalism, borderland studies and minority studies, as well as social history with special regard to the territory of daily Hungary, Slovakia and the Czech Republic in the 19th and 20th century. As of May 2021, she published 20 papers in peer-review journals, three monographs and 28 book chapters, while she presented papers at more than 20 international scientific conferences.

In 2013, she co-edited the book “Remembering the City: a Guide Through the past of Košice” which was the output of the cooperation of young historians from the V4 countries. Between 2018 and 2021 she participated in the project of the Jewish Community Museum of Bratislava in the processing of the Jewish Museum of Prešov. Furthermore, in 2020 she was a member of the European Social Survey team of the Slovak Academy of Sciences in which she was responsible for the Hungarian translation of Slovakia of the ESS9 questionnaire.

In the framework of her scientific activity, she also engages herself to a great extent in the field of popularization of humanities and historical sciences. Due to her outstanding activity in the world of science, she was awarded by the Hungarian Academy of Sciences in the Junior category in 2020, while recently, in 2021, she finished on the third place in the competition of young researchers of the Slovak Academy of Sciences. She is living in Košice, Slovakia, and is married with two children.



Martin Čalasan

Montenegro

Martin Čalasan, PhD, assistant professor at the University of Montenegro, Faculty of Electrical engineering, was born in Plužine, Montenegro, on 5th October 1986. In 2009, he was the first student of his year to graduate from the Faculty of Electrical engineering at the University of Montenegro, where he started working the same year. In 2010, he defended his Master thesis in the field of regulation of the synchronous generator excitation systems. In 2017, he finished his PhD studies in the field of power electronic converters for switched reluctance control with special application in wind generator systems.

His research interests include electrical machines, renewable power generation, storage devices, FACTS devices as well as excitation system of synchronous generators. Until now, he published 1 book, 1 book chapter, 3 chapters in international monographs, 32 papers in SCI/SCIE list, 6 papers in other international journals, 15 papers in regional journals, 10 papers in domestic journals and numerous conference papers. He was a supervisor for more than 30 specialist thesis and 4 Master thesis. Currently, he is supervisor on 5 master thesis and one PhD thesis. He has participated in the realization of two national scientific projects, three bilateral projects, one COST project and one HORIZONT 2020 project. He is involved in an intensive cooperation with colleagues from the universities in countries related to the Danube Region.

He is a member of several international and national organizations and associations such as the International Council on Large Electric Systems and is a vice-president of the Montenegrin Committee of the International Council on Large Electric Systems. He is a reviewer in several international scientific journals with more than 60 papers reviewed in journals from the SCI list.

He is Head of the Study Program-applied computing at the Faculty of Electrical Engineering in Podgorica. In the period 2017–2019, he was a member of the Management Board of the University of Montenegro. Currently, he serves as Secretary & Representative for Montenegro in IEEE Chapter Power & Energy (PE-31).



Andreea-Maria Câmpu

Romania

Andreea-Maria Câmpu, PhD, is currently a Post-doctoral Researcher at the Nanobiophotonics and Laser Micro-spectroscopy Centre, Interdisciplinary Research Institute in Bio-Nano-Sciences, Babeş-Bolyai University, specializing in the development of robust optical and ultrasensitive biosensing devices and versatile theragnostic agents.

She started her scientific activity during her Master' studies in the field of Biomaterials, specifically gold nanoparticle-based nano-systems for optical biosensing, at the Faculty of Physics, Babeş-Bolyai University. She acquired a great set of skills during an Erasmus+ scholarship in the Functional Materials Team of the Chemistry Laboratory, École Normale Supérieure of Lyon and Université Lyon 1, France, leading to an interdisciplinary development of her scientific competences and a fruitful longterm international collaboration enabling several research stays abroad.

In late 2020, she graduated “Summa Cum Laude” at the Faculty of Physics, Babeş-Bolyai University, by submitting here PhD thesis entitled “Implementation of Gold Nano-Bipyramids as Efficient Biosensing Enhancers and Thermo-Plasmonic Generators”. It provides a systematic study of a peculiar gold nanoparticle' anisotropic shape from their fabrication to their implementation in simple, accurate and affordable nano-system designs for biosensing and therapeutic applications.

In addition, Andreea Câmpu gained expertise in various biosensor' fabrication techniques and analysis methods which made her a key member in 10 research projects. The scientific relevance and high technological input of the work is endorsed by the publication of 13 articles: 6 as main author in highly ranked ISI journals, 1 book chapter, 9 international conference

presentations and over 20 co-authored communications, 1 granted national patent and another one submitted.

She was awarded the Procter&Gamble Award: Best Poster Among Women in Science (2017), Gold Medal at EUROINVENT2021 and Excellence Diploma by the National Institute for Research, Development, Urban Planning and Sustainable Territorial Development, Romania (2021).



Ana Salević

Serbia

Ana Salević, PhD, works as a research assistant at the Department of Food Technology and Biochemistry, Faculty of Agriculture, University of Belgrade.

She received her B.Sc. (2013), M.Sc. (2014), and PhD (2021) degrees in Technological engineering—Food Technology from the University of Belgrade, Faculty of Agriculture, Department of Food Technology and Biochemistry. Her PhD dissertation is entitled “Synthesis and characterization of active fibers and films based on poly(ϵ -caprolactone) and zein”. She has received several national scholarships (from the Ministry of Education, Science and Technological Development; the Ministry of Youth and Sport—Fund for young talents “Dositeja”; Arilje municipality) and awards (from the Faculty of Agriculture and the Užice chamber of commerce for the success achieved during studies).

As a researcher, she has participated in 2 national projects; 2 international projects of the Eureka program and 1 COST Action. She has performed two research stays (Agricultural University of Athens, Athens, Greece, Erasmus+ and Spanish National Research Council, Valencia, Spain, Short-Term Scientific Mission within the COST Action FP1405) and one training (Training and Capacity Building for Enlargement and Integration Countries at JRC Nano-bio-technology Laboratory, Ispra, Italy) at the European research institutions.

Her research interest focuses on biodegradable materials, natural sources of active compounds (herbs, food processing by-products), and encapsulation systems regarding the applications for active food packaging and functional food ingredients. She is an author and co-author of 5 articles published in international journals and 20 papers presented at international conferences.

She took part in the students' European competition for creating eco-innovative food products—Ecotrophelia Europe as a member of the Serbian national team, then was involved in the organization of the national competition Ecotrophelia Serbia under the umbrella of Ecotrophelia Europe. Also, she was an organizing committee member for one international conference (UNIFood2021).



Nejc Bezak

Slovenia

[Nejc Bezak](#), PhD, assistant professor at the University of Ljubljana, Faculty of Civil and Geodetic Engineering, was born in Ljubljana on 20th June 1988. He finished his diploma in 2012 and enrolled in the PhD programme in 2012 as well.

In 2016, he defended his PhD thesis at the University of Ljubljana focusing on the relationship between hydrological processes and fluvial transport of suspended sediments.

As of October 2021, he published more than 50 papers in international peer-review journals, participated on more than 20 international and national scientific conferences with more than 30 conference proceedings. He has performed reviews for more than 30 international journals and national and European research agencies including the ERC grant. He has received more than 1000 citations according to the Google Scholar database. He is leader of one of the LAND4FLOOD COST action working groups, member of the EUTOPIA Young Leaders Academy, he has received scholarship from the World Federation of Scientists.

He has actively led or contributed to multiple national and international applied and basic science projects. Moreover, he was an organizing committee member of several international conferences such as 4th World Landslides Forum or World Construction Forum. He is member of several international organizations such as EGU or IAHS. He carried out invited lecture at the UNESCO Chair 2020 Field School on Geoenvironmental Disaster Reduction in Shimane University, Japan, and was invited to contribute a solicited abstract in session “Knowledge transfer to society: soil education and evidence syntheses in agro-environmental sciences” that was part of the European Geosciences Union (EGU) General Assembly 2020. He is member of the Topic

Advisory Panel for the Applied Sciences journal and technical editor of the Acta Hydrotechnica journal.

His research currently focuses on multiple hydrology related topics such as rainfall-runoff modelling and rainfall erosivity and soil erosion studies. He is actively involved in teaching at the University of Ljubljana and has received best teacher award in 2018 issued by the Faculty students' council.



Erika Majzlíková

Slovakia

Ing. [Erika Majzlíková](#), PhD, works as associate professor at the University of Economics in Bratislava, Faculty of National Economy, Department of Economic Policy. She received her PhD in 2019 and the topic of her dissertation was Deindustrialisation and Its Drivers: An Input-Output Approach.

The thesis was awarded by the National Bank of Slovakia Governor's Award for outstanding dissertations or doctoral theses in economics (2nd place).

A crucial part of the thesis was submitted to the Cambridge Journal of Economics and accepted for publication under the title 'Drivers of Deindustrialisation in Internationally Fragmented Production Structures'. Her publications also include a number of papers in national and international peer-reviewed journals.

She participated in many international and national scientific conferences (e.g. International Input-Output Association conferences in Atlantic City and Glasgow). Moreover, she is active as a reviewer, works on several national scientific projects (most recently a study for the Confederation of Trade Unions of the Slovak Republic), and has been involved in a number of grant projects as principal investigator or co-investigator with a focus on industrial policy. She has teaching experience in Economic Policy, Quantitative methods in Economics, Socio-economic Analysis, and Economic Analysis courses and supervises bachelor and master theses. She is a member of the Slovak Economic Association and the International Input-Output Association.



Mykola Karabiniuk

Ukraine

Mykola Karabiniuk, PhD, Senior Lecturer of the Department of Physical Geography and Efficient Environmental Management, Uzhhorod National University.

He was born on October 19, 1992. In 2015, he graduated with honors from Uzhhorod National University, being one of the most successful students of the Faculty of Geography. He began his active research work in 2015 while studying at the graduate school of Ivan Franko National University of Lviv. Since then, he has participated in and organized the All-Ukrainian Landscape Schools-seminars for geography students, landscape expeditions to the Ukrainian Carpathians, etc. He started pedagogical activity in 2015 and now teaches natural sciences, geography and geoinformation disciplines.

In 2020, he defended his dissertation for the degree of Candidate of Geographical Sciences (PhD) at the Taras Shevchenko National University of Kyiv by speciality physical geography, geophysics and geochemistry of landscapes. In the same year, he became the Vice-Dean of the Faculty of Geography for educational and methodical work of Uzhhorod National University. Today, he is a full member of the Ukrainian Geographical Society and is actively engaged in research work. He has participated in more than 25 scientific conferences. Moreover, he is author of more than 45 scientific papers, which are mainly devoted to the study of the properties and improvement of nature management in the highland landscapes of the Carpathian. He also has experience as an engineer of a progressive landscape monitoring laboratories at the Chornogirsky geographical station in the Ukrainian Carpathians.

the 1990s, the number of people with diabetes has increased in all industrialized countries. In the Netherlands, the prevalence of diabetes is estimated to be 6.5% in 2000, which corresponds to 1.5 million people (1).

Diabetes is a chronic disease with a high prevalence and a high mortality. The most common complications of diabetes are cardiovascular disease, nephropathy, retinopathy, and neuropathy. The prevalence of these complications is high, and the mortality is also high. In the Netherlands, the mortality of diabetes is estimated to be 10% in 2000, which corresponds to 150,000 people (1).

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