

International Competition of Student Scientific Works “Black Sea Science 2020”

Results for the field of “Ecology and Environmental Protection”

Place	Country	Institution	Work Title	Author(s)	Supervisor(s)	Score
I	France Ukraine	ISA Lille - Graduate School of Agriculture and Bio-engineering Odessa National Academy of Food Technologies	Organic waste disposal with using of improvement method of vermicultivation Californian worms Estenti fetid	Elina Zaitseva	Julien Castelin Harkovych Oleksii	97
I	Ukraine Lithuania	ONAFТ College of Oil and Gas Technologies, Engineering, and Service Infrastructure of the Odessa National Academy of Food Technologies Vytautas Magnus University Agriculture Academy	Investigation of the destruction of the winemaking solid waste through bioconversion processes	Yevhen Alaibov Stanisauskaite Karina	Olga Sagdeeva Laima Cesoniene	96,5
II	Ukraine Poland	Lviv Polytechnic National University Wroclaw University of Technology	Biological treatment of landfills at urban wastebasing	Anastasiia Lahotska Anna Trusek-Holownia	Lukasz Radosinski Malovanyi Myroslav	89
II	Ukraine Moldova	Mykolaiv National Agrarian University The Alecu Russo Balti State University	Ecological aspects of no-till technology in the conditions of southern steppe of Ukraine	Oleksandr Herashchenko	Boris Boincean Tetiana Manushkina	86
II	Ukraine Georgia	Odessa National Academy of Food Technologies Iakob Gogebashvili Telavi State University	The role of soil microbiocenosis in the composting of the organic component of the municipal solid waste	Yarmolovych Yuliia Ana Amonashvili	Kovalenko Iryna Darejan Margalitashvili	84
III	Ukraine Belarus	Zhytomyr Polytechnic State University Baranovichi State University	Environmental monitoring and recommendations on decreasing the levels of pesticide pollution in Zhytomyr region of Ukraine	Dmytro Kostromin Karina Strizhak	Olena Uvayeva	81
III	Ukraine France	Lviv Polytechnic National University ISA Lille - Graduate School of Agriculture and Bio-engineering	Biodiversity conservation of the rare and endangered medical plants	Zahorodnia Diana Muzyka Mariia Bohdan-Volodymyr Ilkiv	Petrina Romana Nadège Oustrière	80

III	Ukraine	National University of Pharmacy	Analysis of pharmaceutical waste management methods based on the example of the quality control department of a pharmaceutical company.	Nosachenko Mykola	Tetyana Zborovskaya	79
III	Ukraine Poland	V. N. Karazin Kharkiv National University Lodz University of Technology	The quality of drinking spring water as a factor influencing the human health	Kateryna Shevchyk Oleksandr Maksymov Sheremet Kateryna	Alla Nekos Bekhter Anastasiia	77
	Ukraine	State University of Telecommunications	Socio-ecological project "Purification of reservoirs accessible to everyone" - water treatment robot based on Arduino	Shabelnyk Anastasiia Yasko Vitalii	Storchak Kamila	73,3
	Ukraine	State higher education institution "Kherson state agricultural university"	Systems of ecological management of degraded lands by conducting energy efficient agricultural production	Nazar Bezruchko	Sergiy Lavrenko	73
	Ukraine	Odessa National Maritime University	Qualitative and quantitative evaluation of environmental risks in the lower current of the Danube (m. Vilkove)	Katerina Sokolova	Mariia Daus	70,3
	Ukraine	Odessa National Academy of Food Technologies	The technology of processing waste oil and fat industry by enzymatic hydrolysis of fatty waste	Los Olha	Bondar Serhii	70
	Ukraine	The National Metallurgical Academy of Ukraine	The study of the level of environmental consciousness and the efficiency of environmental education students	Nadiya Prokopenko Katerina Ivanilova	Ivan Ivanov Olena Prokopenko	69,3
	Georgia	Iakob Gogebashvili Telavi State University	Humans - Natural Environment and Environmental Problems	Kirvalidze Mariami	Nana Berdzenishvili	69
	Ukraine	Odessa National Academy of Food Technologies	Investigation of the temperature regime impact on the course of composting processes of the solid municipal waste's organic component	Viktoriiia Shcherban	Olga Sagdeeva	69
	China	Zhejiang University Ningbo Institute of Technology	To be or not to be---A game between Dragon and Nature	Kong Weikang		68,3

	Ukraine	Odessa State Academy of Civil Engineering and Architecture	Resource-saving technology of water treatment for small towns	Vadim Chebotar	Tatiana Oliinyk	68
	Ukraine	Yaroslav Mudryi National Law University	Faunistic right and legislation: modern calls and trends of formation	Mits Anastasiia	Anisimova Hanna	68
	Ukraine	Mariupol State University	The problem of municipal solid waste disposal in the city of Mariupol	Violetta Abakumova Victoria Rachkovska	Ivanova Victoria	67,6
	Ukraine	College of Oil and Gas Technologies, Engineering, and Service Infrastructure of the Odessa National Academy of Food Technologies	The organic part of municipal solid wastes' composting using soil microorganisms	Kateryna Kiosak	Olga Sagdeeva	67
	Ukraine	National Aerospace University. M.E. Zhukovsky Kharkiv Aviation Institute	Development of cartographic models of changes in ecological status and navigation of the Black Sea using geoinformation technologies.	Yelyzaveta Pervysheva	Sergii Andrieiev	66
	Ukraine	Odessa National Polytechnic University	Reducing the environmental burden on urban systems through the introduction of energy-efficient window systems	Irina Stupakova	Sergey Smyk	65
	Ukraine	Vinnytskiy National Agricultural University	Reducing winter wheat grain pollution with heavy metals	Viktoriiia Bondar Liliia Petriianchuk	Olexandr Tkachuk	65
	Ukraine	Mykolaiv National Agrarian University	Features of shell banding polymorphism in urban population of land snails	Anna Bondarchuk	Serhii Kramarenko Olena Kravchenko	64,3
	Poland	Lodz University of Technology	Swarming detection method based on parameters inside the hive related to existing literature and taken measurements	Sebastian Górecki Konrad Koperek Adam Wawrzyńczak		61
	Poland	Lodz University of Technology	Detection of bee colonies health problems using image processing in deep neural networks based on scientific literature and research	Sebastian Górecki Arkadiusz Mączkowski Adam Wawrzyńczak		59,6
	Ukraine	Shostka Institute of Sumy State University	Utilization conversion powders by recycling a new industrial explosive	Fuks Marian	Yefymenko Anna	59

	Moldova	State Agrarian University of Moldova	Environment and its importance to human	Kumpyta Yuri	Zaharco Silvia	59
	Ukraine	National Aerospace University "Kharkiv Aviation Institute"	Creation of an environmental-hydrological atlas of the Dnipro river basin based on the data of remote surrounding	Mikhail Rudev	Andreev Sergey	58
	Ukraine	Kharkiv National Air Force University "Chief Marshal of Aviation Ivan Kozhedub"	Increasing the efficiency of battery objects covered by share application tactical fire units Air defense and tactical-special units of Radio electronic warfare	Alekseienko Ivan	Lezik Oleksandr	58
	Ukraine	Kryvyi Rih National University	Impact of the production environment on employee performance	Alona Dremliuha	Svitlana Kiriienko	56
	Ukraine	Zhytomyr Polytechnic State University	Ecological features of molluscs of the subfamily Rlanorbinae - intermediate hosts by the paramphist	Sofia Veremijchuk	Olena Uvayeva	55
	Ukraine	Vinnytskiy National Agricultural University	Legal protection of the environment in the field of waste management	Denis Kolodiy	Natalia Opolska Tatiana Overkovska	54
	Ukraine	Zhytomyr Polytechnic State University	Research of the quality and properties of honey as food products in Zhytomir region	Oleksij Nykyporuk	Olena Uvayeva	54
	Ukraine	Lviv Polytechnic National University	Biotechnology of bone recovery from polymer waste	Kurylo Oleksii		53
	Ukraine	Kharkiv National Air Force University "Chief Marshal of Aviation Ivan Kozhedub"	Ways to increase the efficiency of exploitation actions of the United States	Vladislav Galushkov	Oleksandr Tokar	53