

International Competition of Student Scientific Works “Black Sea Science 2021”

1st stage results for the field of “Ecology and Environmental Protection”

Country	Institution	Work Title	Author(s)	Supervisor(s)	Score
Georgia	Iakob Gogebashvili Telavi State University	Bioremediation of Petroleum - Contaminated Soil Using Microorganisms	Tamila Shiukashvili, Mariam Ichkiti, Tornike Khutuashvili	Magda Davitashvili	87
Belarus	Mogilev State University of Food Technologies	Relevance of the concept of sustainability in the restaurant business of the republic of Belarus	Yerafeyenka Darya	Rybakova Tatiana	84
Ukraine Poland	Lviv Polytechnic National University H. Kollątaj University of Agriculture in Kraków	Efficiency from wetlands and aerated lagoons for wastewater treatment	Anastasia Lagotska, Jozwiakowska Karolina	Miroslav Malovanyy	83
Ukraine Bulgaria	Zhytomyr Polytechnic State University Plovdiv University “Paisii Hilendarski	Evaluation of soil microbial community parameters in correlation with metal pollution gradient	Vitalij Kolomiets Olga Parvanova	Iryna Kotsiuba	82
Ukraine	Odessa National Academy of Food Technologies	The role of soil microbiocenosis in the composting process of the organic part of municipal solid waste	Tkachenko Anastasia	Kuznetsova Irina	80
India	Ayya Nadar Janaki Ammal College, Sivakasi	Screening and assessment of cellulase producin microorganism as potential composting isolated from termite soil	C. Nizhanthini M. Gokila M. Selva Susi Priya	Sivasankara Narayani	77
Turkey	Dogus University Medipol University	C.W.A	Melik Vatan, Kuray Tunç, Ecem Gürsel	Turgut Özkan, Özay Özaydın	75
Belarus	Belarus State Economic University	An educational platform for sustainable development with e-learning modules and a terminology database	Maryna Razalskaya	Raman Plavinski	74
Ukraine	Mykolayiv National Agrarian University	Changes in the chemical composition of the soil under the influence of irrigation with	Vozihnuyeva Yaroslava	Yana Diorditsa, Labartkava Andrei	74

		mineralized waters of the South Bug irrigation system			
Ukraine	Odessa National Academy of Food Technologies	Anaerobic treatment of wastewater FROM wineries	Grinchak Katerina	Sagdeeva Olga	73
Ukraine	Vinnitsia National Technical University	Subject of work: adaptation of systems of separate method of waste sorting in the conditions of Teplytsky district	Petrianchuk Lily	Shevchuk Victoria	55
Ukraine	Odessa State Academy of Civil Engineering and Architecture	Green "buildings as a means of ecologization of urbanized territories	Kazantseva Alona	Oliynyk Tatiana	53
Belarus	Belarusian-Russian University	The project of greening production at the processing enterprises of the agro-industrial complex	Narkevich Ekaterina, Nipatruck Darina	Narkevich Larisa	54
Ukraine	National Technical University "Kharkiv Polytechnic Institute"	Designing of new Biodegradable polymer materials with coffee grounds as filler	Daria Stogniy	Tikhomirova Tatiana	50
Ukraine	National University of Pharmacy	Environmental safety of nanotechnology in general and carbon nanostructured particles in particular	Olga Sira, Yuri Gubin	Kovalenko Svetlana	45
Kazakhstan	Kazakh National Agricultural University	Breeding of sturgeon fish and their hybrids in the southern regions of Kazakhstan	Kaltai Kuralai	Alpeysov Shohan	44
Ukraine	Odessa National Academy of Food Technologies	Research of ecological and technogenic safety of hotels in Odessa	Veronica Razkola, Louise Rakhlina	Svitlana Nemenushcha	43
Ukraine	Mykolayiv National Agrarian University	Stray dogs of urbanocenosis in Mykolayiv city (Southern Ukraine)	Kosenko Anastasia	Kramarenko Serhiy	40
Ukraine	Odessa National Academy of Food Technologies	Composting of organic waste with the use of mineral additives	Zyuz'ko Viktoriya	Bondar' Serhiy	39
Ukraine	Mykolayiv National Agrarian University	Influence of times and rates of application of the multipurpose growth-regulating chemical "architect" on yield and quality of seeds of high-oleic type sunflower hybrid	Grushina Victoria	Kachanova Tatiana	38
Ukraine	H.S. Skovoroda National Pedagogical	Temperature dynamics in hibernaculum in a	Anna Sadrytska, Vitalii	Anton Vlaschenko	35

	University	face of climate warming: a case study from Kharkiv region, Ukraine	Viunnyk		
Ukraine	Yuriy Fedkovych Chernivtsi National University	Formation of the secondary species range of the invasive mollusk arion lusitanicus sensu lato in chernivtsi region	Kovalska Maria	Moskalik Galina	34
Ukraine Poland	Lviv Polytechnic National University Rzeszow University of Technology	Analysis of the scale of environmental pollution by companies with the largest volumes of production	Zraylo Maria, Cebula Renata	Odnorih Zoryana	33
Ukraine	Odessa National Academy of Food Technologies	Investigation of fermentolysis of fatty fraction of production waste of hydrogenated fat by means of lipase rhizopus japonicus	Sokolova Taisiya	Kuznetsova Irina	32
Ukraine	Odessa State Academy of Civil Engineering and Architecture	Implementation of the principles of ecological house-building on the example of the media library building project	Vonsovich Olga	Oliynyk Tatiana	30
Ukraine	Mykolayiv National Agrarian University	Ecological features of medicinal crops in the conditions of climate change	Panasyuk Nikita	Fedorchuk Mykhailo, Tkachova Yevhenia	29
Ukraine	Dmytro Motornyi Tavria State Agrotechnological University	Dynamics of Leptinotarsa desemlineata polymorphism when treated with insecticides	Tyshkovets Anna	Shcherbina Valentina	25
Ukraine	Kharkiv Petro Vasylenko National Technical University of Agriculture	Directions of development of bioenergy technologies	Slavov Maxim, Yakovenko Andrew	Dudnikov Sergey	23
Ukraine	Kharkiv State Zooveterinary Academy	A perspective of the biological control of infectious invasive forest diseases by microbial antagonists	Davydenko Maria	Scherbak Elena	21
Ukraine	Yuriy Fedkovych Chernivtsi National University	Oil removal from wastewater using original low-cost adsorbents	Boruk Olena	Fedoryak Maria	20
Ukraine	Lviv Polytechnic National University	Conservation of biodiversity of the Ranunculaceae Juss. family of the flora of the Ukrainian Carpathians	Bazavluk Yegor	Van'ko Roksolyana	18
Ukraine	Odessa National Academy of Food Technologies	Investigation of the conditions for immobilization of rhizopus japonicus lipase	Yarmolovich Julia	Sagdeeva Olga	17

Ukraine	Kharkiv National Automobile and Highway University	Research of the effect of road transport on urban pollution	Gunko Irina, Friend Anastasia	Kovalenko Lyudmila	16
Ukraine Bulgaria	Lviv Polytechnic National University Technical University – Varna	The importance of the biodiversity conservation problem in the context of minimizing the influence of anthropogenic activity	Konovalov Oleh, Zhekovich Ognyan	Timchuk Ivan	15