CONTENTS

GENERAL ENVIRONMENTAL SAFETY ISSUES.	
Borys O. Improving mechanisms for eliminating large-scale forest fires.	7
Soloshych I. Study of the impact of the transport system on noise and vibration safety of urban ecosystem	12
Truskavetska I. Entomocomplex of pesters of berry crops in the conditions of Brovary district of Kyiv region	17
Tuzyak Ya. Decorative stone as a separate category of geotouristic objects: scientific approaches, applied means of assessing stone resources and their provinces for determining the status of the Global heritage – world and domestic practice.	21
Cherba O. Selection of environmental indicators for integrated assessment of anthropogenic impact on the environment.	34
ENVIRONMENTAL MONITORING	39
Patrusheva L. Peculiarities of territorial and temporary organization of hydrological monitoring in Buzky Gard National Nature Park.	39
ECOLOGY OF WATER RESOURCES	46
Gvozdyak P., Dombrovskiy K., Kaparnyk A., Rylsky O. Development of hydrobionts on wastewater immediated carriers by its treatment under intensive aeration.	46
Zakharenko M., Kurbatova I., Tupitska O. Characteristics of xenobiotics of aquatic ecosystems	51
Kasiyanchuk D., Tymkiv M. Gidrogeoecological analysis of the Prypyat River basin.	57
Sapko O. Analysis of compliance with the requirements of European legislation for water resources management in Ukraine.	64
ECOLOGY AND PRODUCTION.	69
Olkhovyk Yu., Antonov A., Denysenko I., Veselivskyi R. Some features of the landfill of the solebitumen compound of the Rivne NPP.	69
ECOLOGY AND ECONOMICS OF NATURAL RESOURCE USE	73
Verkhovtsev V., Suschuk K., Tyshchenko Yu., Zadorozhnyi D. Radioecological situation on the territory of exogenic infiltration deposits of uranium of Ukraine and assessment of its environmental impact	73
Volvach O., Zhygailo O., Kolosovska V., Kostiukievych T. Agroecological assessment of peas growing conditions in Zaporizhzhya region of Ukraine.	81
Zakorchevna N., Nahorneva N. The current state of small hydropower in Ukraine	
Pykalo S., Demydov O., Yurchenko T., Rybka K., Kharchenko M., Prokopik N. <i>In vitro</i> selection of grain crops for tolerance to abiotic stressors at the V.M. Remeslo Myronivka Institute of Wheat	
Polovyi A., Bozhko L., Barsukova E. The influence of weather conditions on the formation of potato yields in the Western Polessie.	104
Shevchenko R. Geography of environment and nature management in toponymy of Kyiv	
THEORETICAL ECOLOGY	117
Vorovka V., Yatsentyuk Yu., Kopylova T. The gravitational interactions between the landscape levels of the North-Western Pryazovia and their ecological consequences.	117
Rusyn I., Medvediev O., Diachok V. Effect of interelectrode distance on bioelectric parameters of electro-biosystems.	123
Semenenko Ye., Tepla T. Estimation of the duration of the process of filtration of liquid from the storage in the presence of biotechnogenic loading around its perimeter	127
Teliura N. Comprehensive methodology of research of technological and organizational and economic management instruments nature management.	131

BIOLOGICAL SAFETY	137
Valerko R., Herasymchuk L., Zozulya V. Risk assessment of drinking water consumption with high nitrate content on the health of the population of the Zhytomyr United Territorial Community	137
Hryntsova N., Karpenko L., Romanyuk A., Hodorova I. Influence of aquatic environment pollutants (heavy metals) on morphological and morphometric parameters of the rat pineal gland (features of correlation relationships)	142
PRESERVATION OF BIOLOGICAL AND LANDSCAPE DIVERSITY	147
Havrylenko N. Results of Allium obliquum L. introduction in the Dendrological Park "Askania-Nova"	147
Klymchuk O., Kratiuk O., Vlasiuk V. Tendencies of functioning of concortive relationships of birds in the spring-summer period under the influence of semi-free maintenance of hunting animals of the Central Polissya.	153
Kravets N., Kolisnyk Kh., Hrytsak L., Prokopiak M., Mayorova O., Drobyk N. Dependence of the content of photosynthetic pigments in plants of certain species of the genus <i>Carlina</i> L. from <i>in vitro</i> lighting conditions	160
Krasovsky V. Taking into account the morphological structure of shoots of Zizyphus jujuba Mill. and their in vegetative reproduction by shield for example	167
Marteniuk H., Herasymchuk L., Valerko R., Hladych N. Heavy metal pollution of edible mushrooms of the genus Pleurotus within residential territories.	171
Reshetnyk K., Yuskov D., Simonyan R. Study of growth and morphological parameters of mycelium <i>Pleurotus ostreatus</i> (Jacq.) P. Kumm. under the action of LED lasers	175
DEVELOPMENT OF THE UKRAINIAN NATURE RESERVE FUND.	182
Tsybulya M. Prodromus vegetation of the National Natural Park «Male Polissya».	182
AUTHORS' CREDENTIALS	187