

## CONTENT

Biedunkova O. O., Borshchevska I. M., Turchyn Ya. P.	Biomonitoring of Genotoxic Effects in Urbanized Ecosystems .....	3
Biedunkova O. O., Tsipan Yu. R.	Spatial-temporal Variability of Soil Mesofauna Biodiversity in Different Forest Plots .....	17
Veremeienko S. I., Hushchuk V. I., Furman V. M.	Analysis of Radiological Control Results of Soils and Agricultural Products in the Rivne Region ...	32
Hryb Y. V., Kovalchuk S. V., Kalko A. D.	Sapropel Extraction as an Element of Revival of the Agroecology of Aging Lakes of Western Polissia .....	47
Hryb Y. V., Trotsiuk V. S., Kovalchuk S. V., Voityshyna D. Y.	Treatment and Disposal of Wastewater from Livestock Complexes in Agro-Ecosystems .....	57
Zmiievaska O. H.	Analysis of the Impact of the Animal Husbandry Industry on the Environment .....	82
Klymenko L. V.	Analysis and Assessment of the Atmospheric Air Level of Pollution in Rivne .....	92
Klymenko M. O., Varzhel O. V., Rabeshko Ya. I.	Microelement Content in Mixed-Grass Hay Grown on Forest-Steppe Soils .....	106
Klymenko M. O., Statnyk I. I., Vozniuk N. M., Likho O. A.	Biogenic Pollution Index of the Pripyat River as a Tool for Monitoring Spatial-Temporal Changes in the Hydro Ecosystem .....	119

Klymenko M. O., Stepanenko M. A.	Use of <i>Chlorella</i> ( <i>Chlorella</i> spp.) For the Remediation of Aquatic Systems and Improvement of Their Ecological Status .....	130
Kramarenko I. V., Kopii L. I., Kopii S. L., Klymenko O. M.	Implementation of the Requirements of Regulation (EU) 2023/1115eudr (“EU Deforestation Regulation”) in Ukraine .....	143
Mykytyn I. S., Shershun M. Kh., Pryshchepa A. M.	Model of Training of Specialists in Agroecology in France and Prospects of Its Implementation in Ukraine .....	156
Moshynskiy V. S., Vozniuk S. A.	Humus Balance Management in Short-Rotation Crop Systems of Small Farming Enterprises in the Western Forest-Steppe of Ukraine .....	168
Polovyi V. M., Furmanets M. H., Lukianyuk M. M.	Efficiency of Winter Wheat Growing Depends on the Methods of Soil Cultivation and the Use of Straw Fertilizer .....	180
Pryshchepa A. M., Samchuk V. M.	Current Global Approaches to Monitoring Urban Green Spaces .....	190
Solodka T. M., Kraina M. A., Opanasiuk D. V.	Dynamics of Morphological and Biochemical Indicators of Corn Plants at the Initial Stages of Growth Under Different Types of Fertilizers .....	201
Solodka T. M., Yashchenko L. A., Oliinyk O. O.	Modification of <i>Helicoverpa Armigera</i> Ontogenesis Under Climate Change as a Basis for an Adaptive Precision Protection System in Western Polissia .....	211
Sukhodolska I. L.	Phytoplankton as a Natural Indicator for Ecological State, Risk Zone and Resilience of Lake Zadovzhe (The Nobel National Nature Park)	226

Tkachuk S. O., Oliinyk O. O., Kucherova A. V.	Assessment of the Impact of Seeding Rates On the Realization of the Soybean Different Varieties Potential .....	244
Yaroshchuk O. V., Pryshchepa A. M.	Ways of Dealing with Water Treatment Waste (Lime Sludge) From the Rivne Nuclear Power Plant .....	253