



**PROGRAM OF**  
All-Ukrainian student and PhD student  
English-speaking conference  
(with international participation)  
«**ECOLOGY IS A PRIORITY**»



**ORGANIZING COMMITTEE**

***Chairman of the Organizing Committee:***

TITENKO Ganna Director of the Karazin Institute of Environmental Sciences, PhD (Geography), Associated Professor.

***Deputy Chairpersons of the Organizing Committee:***

MAKSYMENKO Nadiya Head of the Department of Environmental Monitoring and Protected Areas Management, DSc (Geography), Professor

CHERKASHYNA Nadiia Senior Lecturer of English, Department of Foreign Languages for Professional Purposes, School of Foreign Languages.

***Members of the Organizing Committee:***

ACHASOV Andrii Acting Head of the Department of Ecology and Environmental Management, DSc (Agrarian Sciences), Prof.

NEKOS Alla Head of the Department of Ecological Safety and Environmental Education, DSc (Geography), Professor

GOLOLOBOVA Olena Deputy Director for scientific work, PhD (Agrarian Sciences), Ass. Prof.

KHADUSKINA Kateryna Head of the Student Scientific Society of the Karazin Institute of Environmental Sciences

***Technical group :*** BURCHENKO Svilana, HRECHKO Alina





## Conference regulations

The conference will be held online on the  
Zoom

<https://us02web.zoom.us/j/89453568707?pwd=dhKsTzjGfoqoyt1PaNtneWGiYZMi8l.1>

Start of registration of participants at 9:50 o'clock

### ***GREETINGS TO THE CONFERENCE PARTICIPANTS***

10:00 TITENKO Ganna – Director of the Karazin Institute of Environmental Sciences, PhD (Geography), Associated Professor.

MAKSYMENKO Nadiya – Head of the Department of Environmental Monitoring and Protected Areas Management, DSc (Geography), Professor.

CHERKASHYNA Nadiia – Senior Lecturer of English, Department of Foreign Languages for Professional Purposes, School of Foreign Languages.

10:15 ***PLENARY MEETING***

Each participant has up to 10 minutes for a presentation and 5 minutes for discussion.





# Programme



## PLENARY MEETING

**Kalashnikov R. R., Maksymenko N. V., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

MODERN TECHNOLOGIES FOR POST-WAR FOREST LANDSCAPE RESTORATION

**Dolia D. S., Maksymenko N. V., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

THE UNITED STATES' WITHDRAWAL FROM THE PARIS CLIMATE AGREEMENT: A THREAT OR NOT?

**Kashkabash D. E., Klieshch A. A.**

*V. N. Karazin Kharkiv National University*

ASSESSMENT OF THE PROVISION OF RECREATIONAL AREA OF PUBLIC GREEN SPACES FOR THE POPULATION OF THE INDUSTRIAL DISTRICT OF KHARKIV

**Horoshkov S., Nekos A. N.**

*V. N. Karazin Kharkiv National University*

DIGITAL TWINS IN ENVIRONMENTAL MONITORING: INNOVATIVE CAPABILITIES AND PROSPECTS

**Chermnykh M. O., Koval I. M.**

*V. N. Karazin Kharkiv National University*

DENDROINDICATION OF HORSE CHESTNUT IN GREEN PLANTINGS OF KHARKIV AND LVIV

**Makieieva D. S., Rychak N. L., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

ECOLOGICAL STATE OF THE MINOR RIVERS ON THE RIGHT BANK OF THE SIVERSKYI DONETS

**Yanul V. V.**

*Institute of Ecology of the Carpathians of the National Academy of Sciences of Ukraine*

SPIDER SPECIES OF HIGH CONSERVATION VALUE IN OLD-GROWTH SYCAMORE AND BEECH FORESTS OF THE VODODILNO-VERKHOVYNA MOUNTAIN RANGE (UKRAINIAN CARPATHIANS)



# Programme



## PLENARY MEETING

**Matisko B. Yu., Krainiukov O. M.**

*V. N. Karazin Kharkiv National University*

IMPROVING THE METHODOLOGY FOR DETERMINING THE AMOUNT OF DAMAGE FOR SOIL POLLUTION AS A RESULT OF ARMED AGGRESSION

**Borovenskiy A. S., Titenko G.V., Shamaeva Yu. Yu.**

*V. N. Karazin Kharkiv National University*

CURRENT STATUS OF ENVIRONMENTAL CERTIFICATION OF AGRICULTURAL ENTERPRISES IN UKRAINE

**Marusyk A., Shpakivska I. M.**

*Institute of Ecology of the Carpathians, NAS of Ukraine*

REVIEW OF GIS-BASED ECOSYSTEM SERVICES ASSESSMENT TOOLS FOR NATIONAL NATURE PARKS

**Pavliuk A.V., Shpakivska I. M.**

*Institute of Ecology of the Carpathians, NAS of Ukraine*

ECOSYSTEM SERVICES OF SMALL RIVERS IN TRANSCARPATHIA

**Blaha A., Katanov O.**

*Odesa I. I. Mechnikov National University*

SHORT-TERM FORECASTS AND ASSESSMENT OF THE THREAT OF LOW WATER ON THE RIVERS OF SOUTHERN UKRAINE

**Kot A. G., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

MODELING THE IMPACT OF EROSION ON SOIL

**Gololobov V. V., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

EFFECTIVENESS OF BIOLOGICAL PRODUCTS IN THE PROTECTION OF AESCULUS HIPPOCASTANUM



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the European Union



Kharkiv, 14 March 2025



## *Section 1. Modern ecological problems and ways of their solution*

**Lysak R. A., Maksymenko N. V., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

POSSIBILITIES OF GIS TECHNOLOGIES IN NATURAL RESEARCH

**Mazurenko H. O., Achasov A. B.**

*V. N. Karazin Kharkiv National University*

APPLYING GEOSPATIAL ANALYSIS OF SATELLITE IMAGES TO ASSESS THE CARBON SEQUESTRATION POTENTIAL OF ERODED SOILS

**Moskvitina M. Y., Gololobova O. O., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

INTERNATIONAL EXPERIENCE IN IMPLEMENTING THE PROVISIONS OF THE CARPATHIAN CONVENTION

**Prokopchuk L. A., Klieshch A. A.**

*V. N. Karazin Kharkiv National University*

SPATIAL CHARACTERISTICS OF KHARKIV OBLAST NATURE RESERVE FUND AND CHALLENGES OF DOUBLE ACCOUNTING OF PROTECTED AREAS

**Parkhomenko O. O., Maksymenko N.V., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

ASSESSMENT OF THE IMPLEMENTATION OF FUNCTIONAL ZONING REGULATIONS BY NATIONAL NATURE PARKS OF UKRAINE

**Protsenko A. O., Titenko G.V., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

THE ENVIRONMENTAL STRATEGY OF THE COMPREHENSIVE SPATIAL DEVELOPMENT PLAN OF THE VELIKOSOROCHYNSK RURAL TERRITORIAL COMMUNITY OF POLTAVA REGION

**Yefremova A. A., Rychak N. L.**

*V. N. Karazin Kharkiv National University*

QUALITY STANDARDS OF DRINKING WATER IN UKRAINE AND POLAND

**Berezovskyi O. I., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

SOIL EROSION MODELING IN UKRAINE

**Seliverstov O. Yu.**

*V. N. Karazin Kharkiv National University*

EXPERIENCE IN DETECTING ERODED SOILS AREAS USING REMOTE SENSING DATA

**Sivaiev D.**

*Odesa I. I. Mechnikov National University*

FORECASTING ENVIRONMENTAL RISKS OF MAXIMUM RUNOFF OF THE RIVERS IN UKRAINIAN POLISSIA





## *Section 1. Modern ecological problems and ways of their solution*

**Kravchenko Ye. I., Stolov V. O., Maksymenko N. V.**

*V. N. Karazin Kharkiv National University*

DETERMINATION OF PUBLIC OPINION ON THE ORGANISATION OF WASTE COLLECTION AND SORTING SYSTEMS IN RURAL AREAS

**Tertytskyi I. P.**

*V. N. Karazin Kharkiv National University*

NAVIGATING AMBIGUITIES OF BLUE AND GREEN INFRASTRUCTURE IN ECOSYSTEM SERVICES

**Leleka D.**

*Institute of Ecology of the Carpathians, NAS of Ukraine*

ORGANIC CARBON STORAGE IN THE LITTER OF OLD-GROWTH FORESTS OF THE VODODILNO-VERKHOVYNSKYI RANGE (UKRAINIAN CARPATHIANS)

**Nemoshkalov O.**

*V. N. Karazin Kharkiv National University*

ENVIRONMENTAL AUDIT OF LAND IN THE KHARKIV DISTRICT OF THE KHARKIV REGION AFFECTED BY MILITARY OPERATIONS

**Nezhentsev A.**

*Uman National University of Horticulture*

THE INFLUENCE OF ROAD TRANSPORT ON THE STATE OF ROADSIDE PHYTOCENOSES

**Skorokhod D.**

*Odesa I. I. Mechnikov National University*

SPATIAL AND TEMPORAL DYNAMICS OF WATER BALANCE COMPONENTS IN THE PIVDENNYI BUH RIVER BASIN UNDER CLIMATE CHANGE CONDITIONS

**Kapustynskyi A. I.**

*Institute of Ecology of the Carpathians, NAS of Ukraine*

DENSITY DYNAMICS OF THE BREEDING BIRD POPULATION OF THE SECONDARY YOUNG FORESTS OF THE "MEDOBORY" NATURE RESERVE (2016–2023)



## *Section 2. Applied ecological research*

**Khaduskina K. V., Nekos A. N.**

*V. N. Karazin Kharkiv National University*

COMPARATIVE ANALYSIS OF THE QUALITY OF SURFACE WATER OF THE RIVERS OF THE SIVERSKY DONETS BASIN

**Kosogov S. O., Achasov A. B.**

*V. N. Karazin Kharkiv National University*

IMPACT OF INTENSIVE SUNFLOWER CULTIVATION ON SOIL FERTILITY

**Laptiev D. S., Kryvytska I. A.**

*V. N. Karazin Kharkiv National University*

TOXICOLOGICAL ASSESSMENT OF SOIL AFFECTED BY RAILWAY INFRASTRUCTURE

**Liubov Ye., Liubova V., Gololobova O. O., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

QUALITY OF DRINKING WATER IN KREMENCHUK DISTRICT OF POLTAVA REGION

**Yanitskyi D., Masiuk O.**

*Oles Honchar Dnipro National University*

RARE PLANTS OF THE KRASNOKUTSK FOREST

**Mytsyk B., Masiuk O.**

*Oles Honchar Dnipro National University*

THE FAUNAL POTENTIAL OF THE PROTECTED AREAS OF THE LOWER PRYSAMARYA

**Musykhina M. O., Klieshch A. A., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

ANALYSIS OF THE DYNAMICS OF PETROLEUM PRODUCTS CONTENT IN WASTE WATER OF THE STATE ENTERPRISE "MYRNOHRADVUHILLIA" 5/6 MINE

**Svyrydenko A. O., Koval I. M.**

*V. N. Karazin Kharkiv National University*

HYDROTHERMAL COEFFICIENTS AS IMPORTANT INDICATORS OF CLIMATE CHANGE

**Shchokina M. M., Nekos A. N.**

*V. N. Karazin Kharkiv National University*

ENVIRONMENTAL PROBLEMS OF SMALL TOWNS: SOLUTIONS AND PROSPECTS

**Krotko A. S.**

*V. N. Karazin Kharkiv National University*

HISTORY OF USING DRINKING WATER SOURCES IN KHARKIV AS AN ELEMENT OF BLUE INFRASTRUCTURE





## *Section 3. Ecological Consequences of war.*

**Kochetyha D. V., Maksymenko N. V., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

OVERVIEW OF THE IMPACT OF HOSTILITIES ON THE FORESTRY OF VOVCHANSK UNITED TERRITORIAL COMMUNITY

**Kovalova K. A., Kryvytska I.A., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

ASSESSMENT OF POSSIBLE SOIL CONTAMINATION UNDER MILITARY INFLUENCE

**Radchenko D. R., Hrechko A. A., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

ANALYTICAL REVIEW OF THE CONCEPT OF 'GREEN RECOVERY' FOR THE RESTORATION OF NORTHERN SALTOVKA USING GREEN INFRASTRUCTURE

**Rieznik T. S., Golobova O. O., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

ASSESSMENT OF ATMOSPHERIC AIR QUALITY IN KHARKIV AGGLOMERATION

**Ryabikova V. V., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

KUPIANSK FORESTRY AFTER DE-OCCUPATION: PROBLEMS AND PROSPECTS FOR RECOVERY

**Shevchenko A. O., Kot A. G., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

THE INTERNATIONAL PRACTICES OF LAND RESTORATION AFTER WAR AND THEIR IMPLEMENTATION IN UKRAINE

**Viktorova N. V., Maksymenko N. V., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

BIOINDICATORS AS A METHOD OF ASSESSING THE ECOLOGICAL STATE OF ENVIRONMENTAL COMPONENTS

**Binkovskyi A.O., Cherkashyna N. I.**

*V. N. Karazin Kharkiv National University*

THE FOREST FUND OF UKRAINE AND THE CONDITIONS OF WAR

**Bubyr O., Prasul Yu. I.**

*V. N. Karazin Kharkiv National University*

ANALYSIS OF ENVIRONMENTAL THREATS TO TOURIST-RECREATIONAL HERITAGE SITES IN KHARKIV REGION CAUSED BY RUSSIAN MILITARY INVASION

**Korkhov O.**

*V. N. Karazin Kharkiv National University*

ECOLOGICAL CONSEQUENCES OF THE WAR IN UKRAINE: CHALLENGES FOR OIL AND GAS PRODUCTION IN EASTERN