

# CONGRESS PROCEEDINGS (STUDENTS SECTION)

VI International Scientific Congress  
**SOCIETY OF AMBIENT INTELLIGENCE 2023**

India • Latvia • Portugal • Romania • Ukraine • Uzbekistan  
November 20 - 25, 2023

**#StandWithUkraine**

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## CONTENTS

### **INNOVATIVE TECHNOLOGIES AND ARTIFICIAL INTELLIGENCE**

Yelyzaveta Bilaia	
CLOUD DATA SOURCES FOR REAL-TIME ANALYTICS .....	9
Vladislav Buyvol, Anzhelika Kodlubovska	
CONCEPTS OF TEXT MINING USING PYTHON CODE.....	18
Natalia Dupik	
NEW METHODS CRUDE BENZENE PURIFICATION FROM SULFUR- CONTAINING SUBSTANCES.....	27
Serhii Honcharov	
DESIGNING APPLICATIONS THAT REQUIRE LARGE AMOUNTS OF DATA .....	36
Kateryna Kolioglo	
INTEGRATING A MYSQL DATABASE INTO A PYTHON APPLICATION.....	43
Oleksandr Kolomiets	
STUDY OF OPTIMUM OPERATION OF FLOW DISINTEGRATOR MIXER.....	50
Katerina Litvin	
USE OF INFORMATION TECHNOLOGIES AND ARTIFICIAL INTELLIGENCE IN COMBATING CRIMES DURING WAR.....	57
Vladyslav Mishyn	
BLOCKCHAIN: AN INNOVATIVE TECHNOLOGY FOR THE FUTURE .....	64
Danylo Nosur, Anastasiia Holovachuk	
STOP RUSSIA CONTENT.....	71
Olha Renkas	
ANALYTICAL STUDY OF ALTERNATIVE BINDER ADDITIVES IN THE PRODUCTION OF PELLETS.....	79
Liliia Yeromenko	
IDENTIFICATION OF PSYCHOLOGICAL AND SOCIO-PSYCHOLOGICAL CAUSES OF ELECTROTRAUMA IN THE SYSTEM «MAN - IRON ORE PRODUCTION - ELECTROTECHNICAL COMPLEXES» .....	86

### **DIGITIZATION OF SOCIETY AND BUSINESS INNOVATIONS**

Akhmatova Oltinoy	
DIGITIZATION OF HOTEL INDUSTRY IN UZBEKISTAN .....	92
Dmytro Azarenko	
ANALYSIS OF THE IMPACT OF INTERNATIONAL MIGRATION ON THE ECONOMIC DEVELOPMENT OF COUNTRIES .....	98

Sofia Baiura THE IMPACT OF DIGITAL TRANSFORMATION OF CORPORATE CULTURE ON THE STAGE OF STRATEGIC MANAGEMENT OF THE ENTERPRISE .....	104
Ihor Bass RESEARCH OF PROSPECTS FOR THE DEVELOPMENT OF THE EURO- ATLANTIC VECTOR OF UKRAINE IN MODERN CONDITIONS.....	112
Olena Batekhina INNOVATIONS IN BUSINESS PROCESS MANAGEMENT .....	118
Oleksandr Bay, Oleksandr Nikolaienko FLEXIBLE FINANCIAL PLANNING IN FINANCIAL INSTITUTIONS AT THE MODERN STAGE .....	127
Mykhailo Demydyuk POSSIBILITIES OF INNOVATIVE DEVELOPMENT OF THE CONSTRUCTION INDUSTRY IN THE REGION .....	136
Danylo Drach JUSTIFICATION OF THE DIGITAL DEVELOPMENT STRATEGIES OF THE COUNTRIES TAKING INTO ACCOUNT COUNTERMEASURES AGAINST MODERN CYBER THREATS.....	142
Anna Dyachenko DIGITAL TRANSFORMATION AS A MEANS OF INCREASING PRODUCTIVITY AND COMPETITIVENESS WITHIN THE FRAMEWORK OF SUSTAINABLE DEVELOPMENT .....	149
Valeria Grigorash DIGITALIZATION OF LAND TAXATION IN UKRAINE DURING THE WAR	157
Bohdana Hloba DIGITAL TRANSFORMATION IN THE FIELD OF WATER SUPPLY AND WATER RESOURCES MANAGEMENT TO ENSURE ENVIRONMENTAL SAFETY .....	167
Oleksiy Holovnov THE INFLUENCE OF MODERN INFORMATION TECHNOLOGIES ON INTERNATIONAL BUSINESS AND SOCIETY .....	175
Yulia Kikot THE IMPACT OF ARTIFICIAL INTELLIGENCE ON THE LABOR MARKET .....	183
Olga Knysh DEVELOPMENT OF SOCIAL AND LABOR RELATIONS IN THE FOOD INDUSTRY IN THE VOLYN REGION .....	192
Vitaliy Knysh COMPARATIVE ASSESSMENT OF THE BUDGET EFFICIENCY OF THE REGIONS OF UKRAINE.....	201

Volodymyr Knysh EVALUATION OF THE EFFICIENCY OF FORESTRY ENTERPRISES OF THE VOLYN REGION .....	209
Sofia Lushchikova DIGITIZATION OF SOCIETY AND BUSINESS INNOVATIONS DEVELOPMENT DIRECTIONS AND CONSEQUENCES OF DIGITALIZATION OF SOCIETY AND BUSINESS INNOVATIONS IN THE INTERNATIONAL ECONOMIC ENVIRONMENT .....	217
Urii Makarenko COMPETITIVE POSITIONS OF UKRAINIAN COMPANIES IN INTERNATIONAL INDUSTRY MARKETS .....	225
Sofia Mamaienko ANTI-CRISIS MANAGEMENT OF THE ENTERPRISE OF THE MINING AND METALLURGICAL COMPLEX OF UKRAINE UNDER THE CONDITIONS OF THE MARITAL STATE .....	234
Sviatoslav Marchenko IMPACT OF TRENDS IN THE GLOBAL ENERGY MARKET ON THE ECONOMIC DEVELOPMENT OF UKRAINE.....	243
Yuliia Mazur PROBLEMS OF PROFIT FORMATION OF ENTERPRISES UNDER MARTIAL LAW .....	250
Mykola Melnyk INTEGRATION OF INNOVATIVE TECHNOLOGIES OF THE NEW DIGITAL ERA INTO THE FIELD OF ART.....	258
Yuliia Podvaliuk DIGITAL TRANSFORMATION: CHALLENGES AND OPPORTUNITIES FOR MANAGEMENT .....	265
Mr. Sachin Raj STUDY THE INFLUENCE OF ARTIFICIAL INTELLIGENCE ON THE PURCHASING BEHAVIOR OF GENERATION Z CONSUMERS IN E-COMMERCE .....	274
Yury Savych UNIVERSAL BASIC INCOME: SOME THEORETICAL ASPECTS.....	281
Oleg Stetsenko MODERN INFORMATION TECHNOLOGY TOOLS IN ACCOUNTING.....	288
Toirova Dilshoda DIGITIZATION OF INNOVATIONS IN TOURISM INDUSTRY OF UZBEKISTAN .....	297
Ilona Valiova DIGITALIZATION OF BUSINESS PROCESSES OF SUBJECTS OF INTERNATIONAL RELATIONS IN UKRAINE DURING THE WAR AND POST-WAR ECONOMIC RECOVERY .....	303

Nataliia Yatsenko, Pavlo Sabantsev THE ROLE OF DIGITIZATION IN THE FORMATION OF CRISIS FINANCIAL MANAGEMENT IN FINANCIAL INSTITUTION AT THE PRESENT STAGE .....	311
Taras Yurchenko DISTINCTIVE ASPECTS OF DIGITALIZING MEDICAL FACILITIES (REHABILITATION CENTERS) IN WARTIME CONDITIONS .....	322
<b>ENVIRONMENTAL PROBLEMS OF MODERN URBANIZATION</b>	
Leonid Chornohor FOREST FIRES: CLASSIFICATIONS ACCORDING TO PHYSICAL PARAMETERS AND ENVIRONMENTAL CONSEQUENCES .....	332
Valery Degtyarenko CARE FOR ECOLOGY AND THE ISSUE OF PRESERVING THE INTEGRITY OF OUR PLANET AS A UNIQUE CREATION .....	341
Vadym Gololobov ECOLOGICAL APPROACH TO THE RESTORATION OF REGULAR LANDSCAPES OF THE EXPOSITION ZONE OF THE ARBORETUM OF THE STATE BIOTECHNOLOGICAL UNIVERSITY, UKRAINE .....	348
Diana Liubchenko, Evgenia Khrystuna IMPACT OF URBANIZATION PROCESSES ON INSECT BIODIVERSITY .....	354
Mavlonova Ruxangiz THE ROLE OF ECO-TOURISM DESTINATIONS IN THE DEVELOPMENT OF TOURISM. IN CASE OF BUKHARA, SHAFIRKAN DISTRICT .....	363
Olha Nevecherya ALTERNATIVE OPTIONS FOR THE FORMATION OF BIOLOGICAL DIVERSITY OF THE STUDENT PARK.....	369
Ruzigul Moylieva ENVIRONMENTAL PROBLEMS OF MODERN URBANIZATION AND MEASURES TO SOLVE THEM .....	377
Tistol Maria ENVIRONMENTAL ADVANTAGES AND DISADVANTAGES OF ELECTRIC TRANSPORT .....	383
Maxim Voloboev PROBLEMS OF DISPOSAL OF OFFICE EQUIPMENT IN UKRAINE .....	389
Vladislav Voronin, Maya Chermnykh ASSESSMENT OF THE IMPACT OF CLIMATE CHANGE ON THE ECOLOGICAL STATE OF URBAN PLANTATIONS OF THE COMMON HORSE-CHESTNUT (AESCULUS HIPPOCASTANUM L.).....	398
Kateryna Zhuk, Pavlo Dobronos COMPARATIVE ASSESSMENT OF THE PROVISION OF GREEN INFRASTRUCTURE IN UKRAINIAN AND EUROPEAN CITIES WITH A POPULATION OF OVER ONE MILLION PEOPLE.....	405

## **SOCIALIZATION OF PERSONALITY IN CONDITIONS OF DIGITALIZATION**

Kristina Abusova PROSPECTS OF USE OF INFORMATION TECHNOLOGIES AND ARTIFICIAL INTELLIGENCE IN LAW ENFORCEMENT ACTIVITIES .....	412
Anastasia Burtova DIGITAL OFFENSES AND THEIR IMPLICATIONS FOR SOCIAL ADJUSTMENT: CASES OF CYBERBULLYING .....	420
Yehor Dopiro THE INFLUENCE OF VIDEO GAMES ON THE SOCIALIZATION OF PERSONALITY IN REAL LIFE .....	428
Iliia Hiorhadze THE LEGAL NATURE OF ARTIFICIAL INTELLIGENCE.....	435
Arina Horiachova LONELESS AS A FORM OF AUTOAGGRESSIVENESS .....	441
Olha Khomych ENVIRONMENTAL AND LEGAL ASPECTS IN THE CONTEXT OF ENSURING SUSTAINABLE DEVELOPMENT .....	450
Valentina Kravchenko FEATURES OF STUDENTS` COMMUNICATION IN CONDITIONS OF SOCIAL: AN EMPIRICAL STUDY .....	457
Oleksii Kudinov ORGANIZATIONAL AND LEGAL MECHANISM FOR IMPROVING THE ADMINISTRATIVE AND TERRITORIAL SYSTEM OF UKRAINE .....	466
Sofia Kurian DIGITAL HOBBIES AS A TOOL OF SOCIALIZATION IN THE ERA OF DIGITALIZATION: IMPACT ON PERSONALITY DEVELOPMENT AND INTERPERSONAL RELATIONSHIPS .....	472
Kyryl Lantkevych THE INFLUENCE OF DIGITALIZATION ON THE FORMATION OF PERSONALITY IN SOCIETY .....	481
Anna Osmukhina SOCIALIZATION OF PERSONALITY IN CONDITIONS OF DIGITALIZATION.....	489
Vladislava Reva CYBERBULLYING AS THE PRIMARY FORM OF BULLYING DURING PARTIAL SOCIAL ISOLATION.....	495
Kateryna Soiko DIGITALIZATION OF LOCAL SELF-GOVERNMENT .....	503
Anton Tsvietkov, Ivan Mykhailenko JUSTIFICATION OF THE PRINCIPLES OF ELECTRONIC GOVERNANCE AT THE REGIONAL LEVEL .....	511



Yulia Turchyna DIGITAL SOCIALIZATION AND POST-TRAUMATIC STRESS DISORDER: INNOVATIVE TREATMENT METHODS FOR PTSD IN THE DIGITAL ERA .....	517
<b>COMPETITION OF LEGAL CLINIC OF UKRAINE</b>	
Roman Zaiets, Yaroslav Sasa INTEGRITY AS A COMPONENT OF PUBLIC SERVICE ORGANIZATIONAL CULTURE .....	525
Yelyzaveta Tatsenko, Valeriia Ivashchenko VIRTUE AS A RULE OF BEHAVIOR OF CIVIL SERVANTS .....	529
Sofia Shchur, Yelyzaveta Ozirna VIRTUE: A TOOL TO PREVENT CORRUPTION OR A MORAL AND ETHICAL PRINCIPLE OF CIVIL SERVANTS? .....	533
Oleksandr Vorushylo, Mariia Yerofieieva FORMATION OF THE INTEGRITY IN THE PUBLIC SERVICE IN UKRAINE AND FUTURE PROSPECTS .....	536
Diana Smorodina, Anastasiia Pavlovska INTEGRITY FORMATION IN THE PUBLIC SERVICE: THE UK EXPERIENCE .....	541
Anastasiia Sobolieva, Vladyslava Rovinska BUILDING BENEVOLENCE IN THE PUBLIC SERVICE: EXPERIENCE OF EUROPEAN COUNTRIES (PROCESSES AND PROCEDURES).....	547
Maryna Soroka, Aisha Muhammad FAITHFUL PUBLIC SERVICE IS A CHOICE OF SOCIETY .....	554
Sofia Peven, Heorhii Ivanov VIRTUOUS PUBLIC SERVICE: MODERN UKRAINIAN REALITIES .....	559

Nataliia Yatsenko, Pavlo Sabantsev THE ROLE OF DIGITIZATION IN THE FORMATION OF CRISIS FINANCIAL MANAGEMENT IN FINANCIAL INSTITUTION AT THE PRESENT STAGE .....	311
Taras Yurchenko DISTINCTIVE ASPECTS OF DIGITALIZING MEDICAL FACILITIES (REHABILITATION CENTERS) IN WARTIME CONDITIONS .....	322
<b>ENVIRONMENTAL PROBLEMS OF MODERN URBANIZATION</b>	
Leonid Chornohor FOREST FIRES: CLASSIFICATIONS ACCORDING TO PHYSICAL PARAMETERS AND ENVIRONMENTAL CONSEQUENCES .....	332
Valery Degtyarenko CARE FOR ECOLOGY AND THE ISSUE OF PRESERVING THE INTEGRITY OF OUR PLANET AS A UNIQUE CREATION .....	341
Vadym Gololobov ECOLOGICAL APPROACH TO THE RESTORATION OF REGULAR LANDSCAPES OF THE EXPOSITION ZONE OF THE ARBORETUM OF THE STATE BIOTECHNOLOGICAL UNIVERSITY, UKRAINE .....	348
Diana Liubchenko, Evgenia Khrystuna IMPACT OF URBANIZATION PROCESSES ON INSECT BIODIVERSITY .....	354
Mavlonova Ruxangiz THE ROLE OF ECO-TOURISM DESTINATIONS IN THE DEVELOPMENT OF TOURISM. IN CASE OF BUKHARA, SHAFIRKAN DISTRICT .....	363
Olha Nevecherya ALTERNATIVE OPTIONS FOR THE FORMATION OF BIOLOGICAL DIVERSITY OF THE STUDENT PARK.....	369
Ruzigul Moylieva ENVIRONMENTAL PROBLEMS OF MODERN URBANIZATION AND MEASURES TO SOLVE THEM .....	377
Tistol Maria ENVIRONMENTAL ADVANTAGES AND DISADVANTAGES OF ELECTRIC TRANSPORT .....	383
Maxim Voloboev PROBLEMS OF DISPOSAL OF OFFICE EQUIPMENT IN UKRAINE .....	389
Vladislav Voronin, Maya Chermnykh ASSESSMENT OF THE IMPACT OF CLIMATE CHANGE ON THE ECOLOGICAL STATE OF URBAN PLANTATIONS OF THE COMMON HORSE-CHESTNUT (AESCULUS HIPPOCASTANUM L.).....	398
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Kristina Abusova PROSPECTS OF USE OF INFORMATION TECHNOLOGIES AND ARTIFICIAL INTELLIGENCE IN LAW ENFORCEMENT ACTIVITIES .....	412
Anastasia Burtova DIGITAL OFFENSES AND THEIR IMPLICATIONS FOR SOCIAL ADJUSTMENT: CASES OF CYBERBULLYING .....	420
Yehor Dopiro THE INFLUENCE OF VIDEO GAMES ON THE SOCIALIZATION OF PERSONALITY IN REAL LIFE .....	428
Iliia Hiorhadze THE LEGAL NATURE OF ARTIFICIAL INTELLIGENCE.....	435
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Olha Khomych ENVIRONMENTAL AND LEGAL ASPECTS IN THE CONTEXT OF ENSURING SUSTAINABLE DEVELOPMENT .....	450
Valentina Kravchenko FEATURES OF STUDENTS` COMMUNICATION IN CONDITIONS OF SOCIAL: AN EMPIRICAL STUDY .....	457
Oleksii Kudinov ORGANIZATIONAL AND LEGAL MECHANISM FOR IMPROVING THE ADMINISTRATIVE AND TERRITORIAL SYSTEM OF UKRAINE .....	466
Sofia Kurian DIGITAL HOBBIES AS A TOOL OF SOCIALIZATION IN THE ERA OF DIGITALIZATION: IMPACT ON PERSONALITY DEVELOPMENT AND INTERPERSONAL RELATIONSHIPS .....	472
Kyryl Lantkevych THE INFLUENCE OF DIGITALIZATION ON THE FORMATION OF PERSONALITY IN SOCIETY .....	481
Anna Osmukhina SOCIALIZATION OF PERSONALITY IN CONDITIONS OF DIGITALIZATION.....	489
Vladislava Reva CYBERBULLYING AS THE PRIMARY FORM OF BULLYING DURING PARTIAL SOCIAL ISOLATION.....	495
Kateryna Soiko DIGITALIZATION OF LOCAL SELF-GOVERNMENT .....	503
Anton Tsvietkov, Ivan Mykhailenko JUSTIFICATION OF THE PRINCIPLES OF ELECTRONIC GOVERNANCE AT THE REGIONAL LEVEL .....	511

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## **THE ROLE OF ECO-TOURISM DESTINATIONS IN THE DEVELOPMENT OF TOURISM. IN CASE OF BUKHARA, SHAFIRKAN DISTRICT**

**Abstract.** The article discusses the overview of ecotourism, which allows Uzbekistan to take a strong position in the international ecotourism services market, which is competitive in the world community. The possibilities of integration into the world trends of the development of tourism services and the growth trends of Uzbekistan are being studied in this short research paper. The advantages of the ecotourism zones of our country, the success of the ecotourism sector in the implementation of state programs to attract ecotourists and encourage foreign investments are analyzed. The importance of using the experience of ecotourism developed countries is emphasized. Therefore, this work is dedicated to those who are intended to take a deep glance at the most prosperous and promising type of tourism in Uzbekistan.

**Keywords:** ecotourism, tourism, sustainable environment, economy, destination, heritage.

### **Introduction**

Uzbekistan, landlocked country in Central Asia. It lies mainly between two major rivers, the Syr Darya (ancient Jaxartes River) to the northeast and the Amu Darya (ancient Oxus River) to the southwest, though they only partly form its boundaries. Uzbekistan is bordered by Kazakhstan to the northwest and north, Kyrgyzstan and Tajikistan to the east and southeast, Afghanistan to the south, and Turkmenistan to the southwest (Uzbekistan: *Geography & Travel, 2023*).

Uzbekistan is not only famous for the architectural monuments included in the UNESCO Cultural Heritage List, not only for the ancient cities, but also for the amazing flora and fauna, picturesque mountains, caves, deserts and crystal-clear lakes, rivers and waterfalls.

The tourism opportunities of the country are very diverse and rich: these are Ugam-Chatkal National Park, and the tugai forests in the Amu Darya River Delta, the Kitab Nature Reserve, recently opened for tourists, testifying to the appearance of life on our planet, the region of the “ecological catastrophe” near the Aral Sea,

steppe areas and the Kyzylkum desert, Nurata mountains and Aydarkul Lake, and many other wonders of the nature (*Uzbekistan Travel, 2023*).

**Analysis of recent research and publications.** International trends, improvement of the theory and methods of eco-tourism as part of development of the economy at the international level are the issues included into the circle of scientific interests of such foreign scientists as Feiyang Lin, Liudmyla S. Golovkova, Yulia O. Yukhnovska, Khava Zaburaeva, Natalia Pankiv and local authors like SH.B.Toyirova, Salnikova E. A., Mahmadiyeva Ch., Mahmudova A. These scientists carried a profound scientific research in the sphere, however, the eco-touristic destination that is being discussed in this article has never been discussed in previous publications.

Therefore, **the research is aimed** at outlining international trends in eco-tourism, identifying problems and prospects for its development on the global and local scale.

To solve the set tasks, the following methods are used: general scientific methods of cognition (the system approach, structural and comparative analysis, regularity trends, subjective and objective cognition) to determine the essence, and tools of eco-tourism; analytical methods to analyze the dynamics of eco-tourism in the world; forecasting methods to forecast the volume and efficiency of ecological tourism.

People will have a wonderful experience with nature-based tourism. This kind of tourism offers a great deal of facilities that tourists explore unique features of the environment. In this case, both tour operators and local people generate revenues. Particularly, local performances in rural areas rise the interest of foreign people, simultaneously indigenous people preserve their customs. Ecotourism guided tour activities offer various social benefits. Regarding to natural benefits the tourism makes a contribution to conserving natural resources. Ecotourism emphasizes on mostly the quality of natural environment (*Matysek and Kriwoken, 2003*), protected and preserved areas. Tour operators (*Gopal, 2014*) are important contributors as environment and culture protectors since they can directly influence consumer choices, supplier practices, and destination development patterns. In general, ecotourism tours may differ from one country to another relying on the tourism development level and capacity of natural resources, geographical location of the country and business sector responsibilities (*Harrison and Schipani, 2007; Rigatti, 2016*). For this reason, the business sector can earn a lot of money from ecotourism. Natural resources bring benefits to the economy and local communities generate benefits from tourist activities. Flora and fauna of a particular area, seas, rivers, forests, and mountains are prior tourist attractions (*Ralf Buckley, 2004*), a great number of people visit parks, national parks and reservoirs and they are destinations for both locals, and foreign guests. Many parks use icons attractions

which are very popular around the world. Today tourism industry accounts for about \$ 500 billion per year (*WTO, 2002*), and conservation worth \$250billion (*Toyrova, 2022*). Thus, America's economy benefits \$250 billion per annum. According to NEAT (*2000*) eco, nature and adventure tourism contain one-third of the economy contribution. Ecotourism gives the opportunity to view nature even closer than ever before. Eco-tours seem more exciting watching animals than being at a local zoo. Through such activities a person can feel as a part of wildlife, natural habitat. Such interactive way of tourism one exposes to a nature side that there is no other witness option. While participating in ecotourism activities, people learn much, receive an abundance of information about the natural environment. Observing animals in their habitat.

In 2022, 5.2 million tourists from foreign countries visited Uzbekistan. This is approximately 3 times more than in 2021 (1.8 million). In particular, a total of 4,364.8 thousand tourists arrived from neighboring countries last year, which is 283% more than in 2021. In addition, 606.4 thousand tourists arrived in our country from the rest of the Commonwealth of Independent States (291% more than in 2021), from non-CIS countries - 261.6 thousand (198% more than in 2021) (*Uzbekistan Travel, 2023*). Apparently, approximately 45% of those visiting the country's various parts made up mostly extreme and eco-tourists who are nature conscious and enjoy the peace of the planet.

Advantageous geographical location of Uzbekistan at the intersection of routes from east to west and from the south to the northern countries, climatic features a unique network of protected natural areas and a rich variety of landscapes offer great opportunities for the promotion of eco-tourism routes. Currently, the system of protected areas includes 8 reserves, 2 natural national and one national park, 1 biosphere reserve, 12 nature reserves, 7 natural monuments.

The Ambassador Extraordinary and Plenipotentiary of Germany to Uzbekistan Naythart Höfer-Wissing has said: – We always interest in exchange of views on the international level for the development of tourism. Today, tourism revenues in Germany are more than 100 billion Euros, or about 4% of GDP. We aim to develop the so-called “soft tourism”, in which it is applied the best efforts to preserve the environment and natural resources. After all, along with a positive economic factor and expansion of inter-cultural dialogue, there is also the factor of depletion, pollution and destruction of natural areas, historical sights, infrastructure overload. I hope that during this conference it will be found ways towards minimizing the negative impact of these factors on the sustainable development of nations. Within the framework of cooperation with Uzbekistan, the German Agency for International Cooperation – GIZ supports the reforms in the sphere of protection of natural resources, and has already implemented a number of joint projects in this area. In the framework of them our experts have advised Uzbek partners on the development of individual and ecological tourism (*Uzbekistan Travel, 2023*).

One of the nature gifts of Uzbekistan lies in a remote part of the country. A district in Bukhara region embraces a truly eco-tourism destination which is not discovered by tourists yet. Lake "Ayaok ogitma" of Shafirkon district is 14,000 ha area which has been shaped by the rain and collector water. The name is derived from the metaphorical conception meaning "leg aching" because of its difficulties in reaching and walking. The area around is also called the same.

The flora and fauna of the area is diverse, being habitat for wild ducks, geese, swans and species as pelican and kazarka which are listed in the Red Book of Uzbekistan. The lake and its surrounding area is a key source for those birds breeding and feeding. Furthermore, whiskered fish is common in the lake.

At the upper part of the lake there is a pilgrimage site called "Hazornur". The village, main inhabitants of which comprise kazaks, is home to different types of camels, horses and other cattle. The milk got from those cattle is considered curative and beneficial.

A hot spring nearby is another source which can develop not only eco-tourism, but also wellness tourism as well. Since the water which is 72 ° C, and rising from the inner part of the ground can treat bone, skin and muscle disorders.

A person's eyes will be happy after seeing very beautiful scenery! But unfortunately, not many people know about these places. Why? Can't we share these places with others? A tourist zone must be established in these places!

### **Conclusions**

There are several issues waiting for the solution:

This place is about 40-50 km away from the inhabited place. The first thing that needs to be done is the installation of road signs. This will definitely make it possible to reach the desired destination easily and without getting lost.

Secondly, it is not possible to go to this place by big buses due to the unevenness of the road and inconvenience for car traffic. I think the only road to the diversion lake should be built.

Thirdly, after you move away from the center of Shofirkon district and enter the desert part, mobile communication devices and mobile phones get disconnected absolutely. Tourists visiting Lake Oghitma cannot contact anyone until they leave, that is, they cannot make a phone call or go directly to their social networks. There are no live streaming options available anywhere. Communication means or, if not, antennas must be placed on this road. Fourthly, this place should be developed not only for external tourism but also for internal tourism. Most of the people are in favor of cheap and fun travel arrangements. There is a regular route from Bukhara to other districts. It is necessary to organize a route from the center of Shafirkon district to this lake. This will certainly be cost-effective and will make this place known to everyone.

The concept of ecotourism currently is not accepted as just being in natural areas, it is more than this, it is about protecting the whole planet. This remains a major conservation strategy combining benefits of economy and further protection of biodiversity of world countries. This is one of the widely growing spheres of tourism. Modern tourists are willing to explore not just chosen location with nature, but they learn something new from this. Uzbekistan's diverse ecology from deserts to glaciers, from mountains to valleys supports the country with great eco-tourism potential. Such opportunities are plentiful and distinct including natural wildlife breeding center, national parks and state reserves like Lake Oghitma and pilgrimage site "Hazornur". Though Uzbekistan has a high potential being one of the best ecotourism hubs, still many obstacles in the field that should be paid more attention.

Current tour operators can hardly promote ecotourism in the country accepting many barriers. Infrastructure of ecotourism in Shafirkan should be comprehensively modified with such abundance of natural resources neither climate nor other challenges should be barrier for the country's ecotourism. Instead, summer heat in the desert area in Shafirkan can also be used as a kind of brand.

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