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## PRESS RELEASE

# "DESIGNING THE GEOSPATIAL ECOSYSTEM" GIS IN CENTRAL ASIA – GISCA 2022 AND GEOINFORMATICS – GI 2022 ANNUAL INTERNATIONAL SCIENTIFIC CONFERENCES

23-24 May 2022  
online/onsite

### GISCA 2022 and GI 2022 conferences

The main objectives of this event are to bring together academics, professors, researchers and specialists in the field of GIS from Central Asia and other countries, to orientate scientists working in the field of socio-ecological systems to interdisciplinary geospatial doctoral studies and research, as well as expanding the involvement of professors and doctoral students working in the field of geoinformatics in the international community, strengthening the internationalization of universities and research institutes, encouraging international cooperation, and knowledge exchange in GIS education.

### GISCA 2022 and GI 2022

In 2022, GISCA 2022 and GI 2022 are focused on the theme "Designing the geospatial ecosystem". Geographic Information Science as a conceptual foundation, Geoinformatics as the methodology, and GIS as software technologies are powerful instruments for linking information across different sources by location. This is exactly what is needed to successfully manage our environments and natural resources, our economies, and ultimately our societies.

Peer-reviewed and accepted English papers will be published in a journal indexed in SCOPUS and/or the Web of Science. Selected best papers will be recommended for publication in the International Journal of Geoinformatics (<http://journals.sfu.ca/ijg/index.php/journal/index>).

### Key topics of the GISCA 2022 and GI 2022

#### **In the field of geoinformatics:**

- GIS for regional sustainable development;
- development of geospatial infrastructures and ecosystems;
- GIS for management in the field of environmental protection, the prevention, and elimination of emergency situations & public health;
- agriculture, water resources management, and other application domains;
- new trends and technologies in geodesy, cadastre, cartography, and land management;
- cultural and natural heritage;
- professional and continuing education in the field of geoinformatics.

#### **In agriculture and water resources management:**

- precision agriculture, sensors, remote sensing;
- agricultural machinery;
- ecosystems and water resources management;
- agricultural economics, economics of precision farming.
- sustainable development of land use and land cover;
- hydrology, hydrotechnical facilities.

## Participants

Employees of enterprises and organizations related to the Geoinformatics, professors, students, graduate students and researchers of foreign and national universities, including the following Erasmus + NICoPA project foreign partner universities and organizations:

- The Austria-Central Asia Center for GIScience (ACA\*GIScience);
- Eurasia-Pacific Uninet, Austria;
- Austrian Academy of Sciences;
- Paris-Lodron University of Salzburg, Austria;
- Budapest University of Economics and Technology, Hungary;
- Obuda University, Hungary;
- University North, Croatia;
- Technical University of Berlin, Germany;
- Plovdiv Agricultural University, Bulgaria;
- Czech University of Life Sciences Prague, Czech Republic;
- Exolaunch GmbH, Germany;
- Kazakh Agrarian University named after S.Seifullin, Kazakhstan;
- Sh. Ualikhanov Kokshetau University, Kazakhstan;
- Manash Kozybayev North Kazakhstan university, Kazakhstan;
- Turkmen Agricultural University Named after S.A. Niyazov, Turkmenistan;
- The Turkmen State Architecture and Construction Institute, Turkmenistan;
- Turkmen Agricultural Institute, Turkmenistan.

## Speakers in the opening session

**Bakhadir Suyunovich MIRZAEV**, Rector of NRU “TIAME”, Uzbekistan

**Shavkat Rakhimovich KHAMRAEV**, Minister of Water Resources of the Republic of Uzbekistan

**Jamshid Abdukhakimovich KHODJAEV**, Minister of Agriculture of the Republic of Uzbekistan

**Abdukodir Khamidovich TOSHKULOV**, Minister of Higher and Secondary Specialized Education of the Republic of Uzbekistan

**Charlotte ADRIAEN**, Head of EU delegation to Uzbekistan

**Abdushukur Khamidovich ABDULLAEV**, Director of the State Unitary Enterprise "Geoinnovation Center"

**Ulugbek Negmatovich TASHKENBAEV**, Head of the State Inspectorate for supervision of quality in education

**Aziza Karimovna ABDURAKHMANOVA**, National Erasmus + Office Coordinator, Uzbekistan

**Joseph STROBL**, Academician, University of Salzburg, Austria

**Alishir KURBAN**, Professor, Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences

## Keynote speakers

**Jelinek ZDENEK**, Professor, Czech University of Life Sciences, Prague, Czech Republic

**Laurent FOLDVARY**, Professor, University of Technology and Economics, Budapest, Hungary

**Oleg VOROBEV**, Professor, Volga State University Technology, Russia

**Shukhrat SHOKIROV**, Associate Professor, NRU “TIAME”, Uzbekistan

**Sergey LEJNIN**, Professor, Volga State University of Technology, Russia

## Organizers

National Research University “Tashkent Institute of Irrigation and Agricultural Mechanization Engineers” (NRU “TIAME”) and Cadastre Agency under the State Tax Committee of the Republic of Uzbekistan.

## Contacts

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