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AGENDA

**Erasmus Plus “Developing Interdisciplinary
Postgraduate Programmes and Strengthening Research
Networks in Geoinformation Technologies in Armenia
and Kyrgyzstan - GeoTAK”**

**“WORKSHOPS ON RESEARCH AND INNOVATION” AND
DISSIMINATION EVENT**

Project Web-page: <https://geotak.webs.upv.es/>

**Centre for European Studies, Robert Schuman Hall
YSU Main building, 2th floor**

October 26 - 27, 2023

Working languages: Armenian, English

October 26

09:30 – 10:00 Registration

Welcoming session

10:00 – 10:15 Head representatives of YSU

The Dean of Faculty of Geography and Geology

10:15 – 11:00 **Session 1: “International Projects”**

“GeoTAK” Project introduction

Dr. Arsen Aproyan

Head of Grant Coordination Department, YSU

**“International Projects on Geospatial Technologies in Armenia:
Advancements, Achievements, and Future Prospects”**

Dr. Naira Aloyan

Ass. Prof. at the Chair of Water and Land Resources Management, ANAU

**“Devison” project content, new educational modules and their
beneficiaries**

Dr. Artak Piloyan

Head of Cartography and Geomorphology Department, Faculty of Geography
and Geology, YSU



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11:00 – 11:30 Coffee Break

11:30 – 13:00 **Session 2: From Research to Real-World Impact: Academic-Government Partnerships in Digital Earth**

Implimentation of the National Spatial Data Infrastructure in the Republic of Armenia

Nane Khudaverdyan

Cadastre Committee, RA

Assessment of the geo-ecological condition and trends for Lake Sevan and its catchment area using the satellite remote sensing data

Araksya Nersisyan

Laboratory of Geoinformatics, Institute of Geological Sciences, NAS RA, PhD Student

Assessment of NDVI influence on the spread areas of rare plants in the mountain meadow zone of RA

Armine Hambardzumyan

Department of Water and Land Resources Management, ANAU, PhD student

Digitization of marine and freshwater ecosystems

Dr. Garabet Kazanjian

Assistant Professor at the AUA Akian College of Science and Engineering

Vertical Accuracy Assessment of Digital Elevation Models (ALOS World 3D, ASTER GDEM and SRTM) for the Territory of the RA

Harutyun Uloyan

Laboratory of Geoinformatics, Institute of Geological Sciences, NAS RA, PhD Student

Ararat valley Atlas

Dr. Aram Gevorgyan

Independant Researcher



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13:00 – 14:00 Lunch Break

14:00 – 15:30 **Session 3: Driving Digital Earth Solutions: Insights from the Private Sector**

Spatial Planning in Digital Environment

Dr. Sarhat Petrosyan

urbanlab

The role of modern technologies in sustainable forest management

Mariam Petrosyan

“Center of Geospatial Technologies”, PhD Student

GIS: A Foundation for Digital Twins

Erik Gyulazyan

GEOVIBE CJSC, CEO

An overview of satellite imagery capabilities

Hovhannes Hovhannisyan

“Geocosmos” CJSC

Improvement of methods of topographic geodesy works using modern technologies

Tatul Sahakyan

“Geomapis” LLC

Bridging the Gap: Geospatial Technologies in Hydrologic Analysis

Stepan Khachatryan

“Modul” LLC

15:30 – 16:30 **Q&A session, Wrap Up**



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October 27
10:00 – 11:15

Session 3: Stakeholder Meeting - Roundtable

**National Research Node in Geoinformation Technologies: Bridging
Academia, Industry, and Innovation**

Dr. Naira Aloyan

Ass. Prof. at the Chair of Water and Land Resources Management, ANAU

The Joint PhD program in Geoinformatics: A New Level of Excellence:

Dr. Armen Sargsyan

Center for Doctoral Education, YSU

**Unlocking Opportunities and Potential: University-Industry
Collaboration in Geospatial Technologies.**

Dr. Narine Harutyunyan

Asst. Prof. at the Chair of Engineering Geodesy, NUACA

Next Steps in Geoinformatics Innovation and Collaboration

Dr. Arsen Aproyan

Head of Grant Coordination Department, YSU

11:15 – 12:00

Q&A session, Wrap Up