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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**