





# Mariam Kimik Petrosyan

Faculty of Geography and Geology  
Chair of Cartography and Geomorphology  
Lecturer on an hourly basis

 mariam.petrosyan1@ysu.am  
  

## Education

Institution	Yerevan State University
Faculty	Faculty of Geography and Geology
Date	2022 - 2025
Degree name	PhD student

Institution	Yerevan State University
Faculty	Faculty of Geography and Geology
Date	2019 - 2021
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Geography and Geology
Date	2015 - 2019
Degree name	Bachelor

## Language skills

Հայերեն English Русский

## Work experience

Institution	Yerevan State University
Period of time	2024 till now
Rank/degree	Lecturer

Institution	Cadastral Committee of the Republic of Armenia
Period of time	2024 till now
Rank/degree	Advisor to the Head of the Cadastral Committee

Institution	Centre of Geospatial Technologies
Period of time	2021 - 2024
Rank/degree	GIS specialist

Institution	Cadastral Committee of the Republic of Armenia
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<b>Period of time</b>	2020 - 2021
<b>Rank/degree</b>	Senior Specialist

<b>Institution</b>	Cadastral Committee of the Republic of Armenia
<b>Period of time</b>	2019 - 2020
<b>Rank/degree</b>	Leading Specialist



## Scientific interests

- Development of Spatial Data Infrastructures, Effective Methods of Spatial Data Management and Analysis, Study of Innovative Approaches to Geoportal Development, Application of AI in GIS



## Participation in international conferences and seminars

<b>26/11/2019 - 28/11/2019</b>	Workshop on Operationalizing the Integrated Geospatial Information framework Belarus
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<b>24/03/2021</b>	Online discussion with employees of the Federal Service of State Registration, Cadastral, and Cartography of the Russian Federation (Росреестр) Armenia
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<b>20/06/2021 - 25/06/2021</b>	FIG e-Working Week 2021- Netherlands (the)
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<b>04/07/2023 - 06/07/2023</b>	Caucasus Mountain Forum (CMF 2023) Akaki Tsereteli State University Georgia
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<b>16/10/2023 - 20/10/2023</b>	9th International Symposium on Data Assimilation University of Bologna Italy
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<b>16/06/2024 - 21/06/2024</b>	9th International conference on Cartography and GIS Nessebar, Bulgaria Bulgaria
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<b>22/07/2024 - 26/07/2024</b>	Geospatial Technologies for Monitoring SDGs: Early Warnings for All 2024, Central European University Hungary
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<b>08/09/2024 - 11/09/2024</b>	EuroCarto2024 Vienna University of Technology Austria
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## Membership

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<b>Institution</b>	International Society for Photogrammetry and Remote Sensing
<b>Period of time</b>	2023 till now

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## Publications

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### *Article*

#### **Enhancing Environmental Education through Digital Earth Technologies and Applications**

A. Piloyan, M. Petrosyan

International Journal of Geoinformatics 2024 29 - 35

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### *Conference*

#### **SPATIAL DATA INFRASTRUCTURE OPTIMIZATION THROUGH SEGMENT-BASED ALGORITHM INTEGRATION: A COMPREHENSIVE RESEARCH REVIEW**

Mariam Petrosyan, Artak Piloyan

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### *Conference*

#### **Enhancing Quality Control Standards for Armenia's National Spatial Data Infrastructure: A Python-based Approach with Emphasis on Road Spatial Data Layers**

Mariam Petrosyan, Artak Piloyan, Paruyr Efendyan

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