

# Lyuba Baratov Mirzoyan

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## Faculty of Geography and Geology

Chair of Geophysics, Engineering Geology and Hydrogeology

Associate professor

## Education

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| <b>Institution</b> | Yerevan State University |
| <b>Faculty</b>     | Faculty of geology       |
| <b>Date</b>        | 1991 - 1996              |
| <b>Degree name</b> | Qualified specialist     |

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## Scientific Rank/degree

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| <b>Institution</b>           | Yerevan State University   |
| <b>Date</b>                  | 2010   |
| <b>Degree name</b>           | Candidate  |
| <b>Specialty</b>             | Earth sciences   |
| <b>Scientific Supervisor</b> | prof.S.N.Nazaretyan  |
| <b>Research Topic</b>        | Seismological and tectonic characteristics of the epicentral zone of the 1988 Spitak earthquake. |

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## Language skills

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Русский Français

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## Work experience

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| <b>Institution</b>    | YSU                 |
| <b>Period of time</b> | 1996 till now       |
| <b>Rank/degree</b>    | assistant professor |

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## Scientific interests

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- geophysical research of mineral deposits, seismology
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## Publications

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*Article*

**СЕЙСМИЧЕСКИЙ РИСК ИНФРАСТРУКТУРЫ ТЕРРИТОРИИ АРМЕНИИ**

С. Н. НАЗАРЕТЯН, Р. А. АРУТЮНЯН, Л. Б. МИРЗОЯН

ԵՊՀ գիտական տեղեկագիր. երկրաբանական և աշխարհագրական գիտություններ 2023 90-105

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Article

**Expression of Shear-Fault Type Fractures (Ruptures) in the Geomagnetic Field (AR): The Example of the Lisagor Mineral Field**

Gagik Varazdat Markosyan, Lyuba Baratov Mirzoyan,

Sciences Publishig Group 2022 63-68

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Article

**ПРЕДПОСЫЛКИ И ПЕРСПЕКТИВЫ РАЗВИТИЯ СПЕЛЕОТУРИЗМА В РЕСПУБЛИКЕ АРМЕНИЯ**

Л.Б. Мирзоян, И.В. Саакян

SCIENCE AND WORLD 2022 70-73

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Article

**Dynamics of Time Changes in the Seismic Risk of a Big City Due to the Vulnerability of Apartment Buildings (a Case Study of Yerevan)**

L. B. Mirzoyan, S. N. Nazaretyan, M. R. Gevorgyan, G. A. Igityan, E. A. Mugnetsyan

Izvestiya - Atmospheric and Oceanic Physics 2022 867 - 880

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Article

**ОСОБЕННОСТИ СЕЙСМИЧЕСКОГО РИСКА ЗОНЫ РАЗРУШИТЕЛЬНОГО ЗЕМЛЕТРЯСЕНИЯ С  $7,5 > M > 7,0$  (на примере Спитакского землетрясения 1988 г.)**

Л. Б. МИРЗОЯН, С. Н. НАЗАРЕТЯН

ԵՊՀ գիտական տեղեկագիր. երկրաբանական և աշխարհագրական գիտություններ 2022 146-154

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Manual

**Ճանրության ուժի անոմալիաների մեկնաբանման եղանակները**

Լյուբա Բարատովի Միրզոյան

2019 36

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Conference

**РЕГИОНАЛЬНОЕ ПОЛЕ НАПРЯЖЕНИЙ В ВЕРХНИХ ЧАСТЯХ ЗЕМНОЙ КОРЫ ТЕРРИТОРИИ АРМЕНИИ И ВЕРОЯТНЫЕ НАПРАВЛЕНИЯ ПОДВИЖЕК ПО РАЗЛОМАМ**

Назаретян С.Н., Мирзоян Л.Б., Шахбекян Т.А., Гарибян З.В., Мовсисян Ж.К.

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Conference

**SOME BASELINE DATA FOR A EFFECTIVE RESPONSE OF EMERGENCY SERVICES IN A SEISMIC DISASTER IN SOUTHERN CAUCASUS**

Mirzoyan L.B., Nazaretyan S.N., Nazaretyan S.S.

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Conference

**BASIC PRINCIPLES OF PLANNING AND IMPLEMENTATION OF RAPID RESPONSE FORCES IN THE EVENT OF A DESTRUCTIVE EARTHQUAKE**

Mirzoyan L.B., Nazaretyan S.N., Nazaretyan S.S., Mughnetsyan E.A.

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Conference

**MAIN CAUSES AND FEATURES OF CHANGE OF SEISMIC HAZARD ASSESSMENTS IN THE TERRITORY OF ARMENIA ACCORDING TO BUILDING CODES**

Mirzoyan L.B., Nazaretyan S.N., Nazaretyan S.S., Poghosyan F.Zh.

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*Conference*

**SEISMIC RISK FEATURES OF A DESTRUCTIVE EARTHQUAKE ZONE**

Mirzoyan L.B., Nazaretyan S.N., Igityan H.A., Mazmanyanyan L.V.

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*Conference*

**BASIC DATA FOR COMPILATION OF A SPECIAL MACROSEISMIC SCALE FOR ASSESSING THE INTENSITY OF HISTORICAL EARTHQUAKES IN THE ARMENIAN UPLAND**

Mirzoyan L.B., Nazaretyan S.N., Nazaretyan S.S.

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*Conference*

**IMPORTANT FEATURES OF THE METHODOLOGY FOR ASSESSING THE MAXIMUM SEISMIC RISK OF LARGE TERRITORIES (BASED ON THE EXAMPLE OF TERRITORY OF ARMENIA)**

Nazaretyan S.N., Mirzoyan L.B.

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*Conference*

**DYNAMICS OF THE AFTERSHOCK ZONE OF THE 1988 SPITAK EARTHQUAKE BASED ON 35 YEARS OF DATA.**

Nazaretyan S.N., Mirzoyan L.B., Kazarian A. A., Mazmanyanyan L.V.

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