



## Olga Belyaeva

**Date of birth:** 4 Sep 1980 | **Nationality:** Armenian | **Gender:** Female |

**Phone number:** (+374) 10572924 (Work) | **Email address:**

[olga.belyaeva@cens.am](mailto:olga.belyaeva@cens.am) | **Website:** [cens.am](http://cens.am) | **LinkedIn:**

<https://www.linkedin.com/in/olga-belyaeva-18278726/> |

**ORCID:** <https://orcid.org/my-orcid?orcid=0000-0002-7448-105X> |

**Address:** 68 Abovyan, 0025, Yerevan, Armenia (Work)

### ● ABOUT ME

Head of Radioecology Department, CENS

PhD in Biology

h-index: 8 (<https://www.webofscience.com/wos/author/record/A-7901-2015>)

### ● WORK EXPERIENCE

1 JAN 2016 – CURRENT Yerevan, Armenia

**HEAD OF DEPARTMENT** RADIOECOLOGY DEPARTMENT, CENTER FOR ECOLOGICAL-NOOSPHERE STUDIES (CENS) OF NAS RA

2012 – 2015 Yerevan, Armenia

**SENIOR RESEARCHER** ENVIRONMENTAL GEOCHEMISTRY DEPARTMENT, CENTER FOR ECOLOGICAL-NOOSPHERE STUDIES (CENS) OF NAS RA

2010 – 2011 Yerevan, Armenia

**RESEARCHER** ENVIRONMENTAL GEOCHEMISTRY DEPARTMENT, CENTER FOR ECOLOGICAL-NOOSPHERE STUDIES (CENS) OF NAS RA

2005 – 2009 Yerevan, Armenia

**JUNIOR RESEARCHER** ENVIRONMENTAL GEOCHEMISTRY DEPARTMENT, CENTER FOR ECOLOGICAL-NOOSPHERE STUDIES (CENS) OF NAS RA

### ● EDUCATION AND TRAINING

2007 – 2013 Yerevan, Armenia

**PHD IN BIOLOGY** Center for Ecological-Noosphere Studies of NAS RA

**Website** <http://www.cens.am/>

1997 – 2003 Vanadzor, Armenia

**MS IN BIOLOGY** Vanadzor State Pedagogical Institute

**Website** <http://vsu.am/>

31 OCT 2022 – 11 NOV 2022 Yerevan, Armenia

**ALPHA SPECTROMETRY APPLICATION IN NUCLEAR FORENSICS AND RADIOCHRONOMETRY**  
Los Alamos National Laboratory

**Website** <https://www.lanl.gov/>

Website <https://www.lanl.gov/>

## LANGUAGE SKILLS

Mother tongue(s): **ARMENIAN** | **RUSSIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ADDITIONAL INFORMATION

### PROJECTS

2021 – CURRENT

**Assessment of Radon Emanation Potential and Radon Hazard in the City of Yerevan**

1 AUG 2021 – CURRENT

**Capacity Building in Nuclear Forensics and Enhancement of Regional Cooperation between Armenian and Georgian Authorities**

Link <https://istc.int/projects/12>

2019 – CURRENT

**Development of Geochemical Maps to Ensure Sustainable Agricultural Development and Food Safety**

Link <http://www.cens.am/project/development-of-geochemical-maps-to-ensure-sustainable-agricultural-development-and-food-safety>

2018 – 2022

**Modernization of Environment Protection Studies Programmes for Armenia and Georgia / MENVIPRO**

Link <https://www.menvipro.org/>

2018 – 2020

**Radioecological Monitoring in Armenia. Phase II – REMA II**

2015 – 2017

**Radioecological Monitoring in the Area of the Republic of Armenia**

### PUBLICATIONS

[Movsisyan N., Albanese S., Pyuskyulyan K., Hovhannisyan S., Belyaeva O. The spatiotemporal variation, background, and baseline activities of radionuclides in the soil of Aragats Massif \(Armenia\). Environ Sci Pollut Res \(2023\).](#)

– 2023

<https://doi.org/10.1007/s11356-023-28231-3>

[Aruta A., Sahakyan L., Tepanosyan G., Movsisyan N., Belyaeva O., Albanese S. Multifractal features of activity concentration and stochastic risk assessment of naturally occurring and technogenic radionuclides in the soil of Yerevan, Armenia. Environmental Pollution 301 \(2022\) 119000](#)

– 2022

<https://doi.org/10.1016/j.envpol.2022.119000>

[Movsisyan N., Pyuskyulyan K., Belyaeva O. Radionuclides Distribution and Associated Ecological Risk in the Environment of Armenian Mountains. Physics of Particles and Nuclei Letters, 2022, Vol. 19, No. 3, pp. 302–305](#)

– 2022

---

DOI: 10.1134/S1547477122030165

[Demirchyan G.A., Movsisyan N.E., Pyuskyulyan K.I., Belyaeva O.A. Radiological Studies at the Largest Mining Centers of Armenia. Geochemistry International, 2022, Vol. 60, No. 1, pp. 122–136](#)

– 2022

---

DOI: 10.1134/S0016702922010049

[Masson O., et al. Europe-Wide Atmospheric Radionuclide Dispersion by Unprecedented Wildfires in the Chernobyl Exclusion Zone, April 2020. Environ. Sci. Technol. 55\(20\) 13834–13848](#)

– 2021

---

<https://doi.org/10.1021/acs.est.1c03314>

[Belyaeva O., Movsisyan N., 2021. Evolution of Radioecology in Armenia: A Short Review. Int. J. Radiat. Biol. 0, 1–8](#)

– 2021

---

<https://doi.org/10.1080/09553002.2021.1976866>

[Movsisyan N., Demirtchyan G., Pyuskyulyan K., Belyaeva O., 2021. Identification of radionuclides' altitudinal distribution in soil and mosses in highlands of Armenia. J. Environ. Radioact. 231, 106550 1–10](#)

– 2021

---

<https://doi.org/https://doi.org/10.1016/j.jenvrad.2021.106550>

[Belyaeva O., Movsisyan N., Pyuskyulyan K., Sahakyan L., Tepanosyan G., Saghatelyan A. Yerevan soil radioactivity: Radiological and geochemical assessment. Chemosphere 265 \(2021\) 129173](#)

– 2021

---

<https://doi.org/10.1016/j.chemosphere.2020.129173>

[Pyuskyulyan K., LaMont S.P., Atoyán V., Belyaeva O., Movsisyan N., Saghatelyan A. Altitude-dependent distribution of <sup>137</sup>Cs in the environment: a case study of Aragats massif, Armenia. Acta Geochimica, 39, 2020, p. 127–138](#)

– 2020

---

<https://doi.org/10.1007/s11631-019-00334-0>

[Belyaeva O., Pyuskyulyan K., Movsisyan N., Saghatelyan A., Carvalho F.P. Natural radioactivity in urban soils of mining centers in Armenia: Dose rate and risk assessment. Chemosphere 225 \(2019\) 859-870](#)

– 2019

---

<https://doi.org/10.1016/j.chemosphere.2019.03.057>

[Sahakyan, L.V., Babayan, G.G., Belyaeva, O.A. Sarkisyan K.V., Tepanosyan G. O., Saghatelyan A.K. Assessing the Hydrochemical Conditions of the Tartar River. Water Resour \(2018\) 45: 388](#)

– 2018

---

<https://doi.org/10.1134/S0097807818030144>

[Tepanosyan G., Sahakyan L., Belyaeva O., Asmaryan Sh., Saghatelyan A. Continuous impact of mining activities on soil heavy metals levels and human health. Science of the Total Environment 639 \(2018\) 900–909](#)

– 2018

---

<https://doi.org/10.1016/j.scitotenv.2018.05.211>

[Tepanosyan G., Sahakyan L., Belyaeva O., Maghakyan N., Saghatelyan A. Human health risk assessment and riskiest heavy metal origin identification in urban soils of Yerevan, Armenia. \*Chemosphere\* 184 \(2017\) 1230-1240](#)

---

<http://dx.doi.org/10.1016/j.chemosphere.2017.06.108>

[Tepanosyan G.O., Belyaeva O.A., Saakyan L.V., Sagatelyan A.K. Integrated Approach to Determine Background Concentrations of Chemical Elements in Soils. \*Geochemistry International\*, 2017, 55\(6\), pp. 581-588](#)

---

- 2017

DOI: 10.1134/S0016702917060106

[Tepanosyan G., Sahakyan L., Belyaeva O., Saghatelyan A. Origin identification and potential ecological risk assessment of potentially toxic inorganic elements in the topsoil of the city of Yerevan, Armenia. \*J Geochem Explor.\* 167 \(2016\) 1-11](#)

---

- 2016

doi: 10.1016/j.gexplo.2016.04.006

[Sahakyan L., Maghakyan N., Belyaeva O., Tepanosyan G., Kafyan M., Saghatelyan A. Heavy metals in urban dust: Contamination and health risk assessment: a case study from Gyumri, Armenia. \*Arab J Geosci\* \(2016\) 9:142](#)

---

- 2016

Link [DOI 10.1007/s12517-015-2159-y](https://doi.org/10.1007/s12517-015-2159-y)

## **CONFERENCES AND SEMINARS**

20 JUN 2023 – 23 JUN 2023 – Tbilisi, Georgia

**ITWG-26 Annual Meeting**

20 MAY 2023 – 26 JUN 2023 – Vienna, Austria

**INMM & ESARDA 2023 Joint Annual Meeting**

19 MAY 2022 – 20 MAY 2022 – Karlsruhe, Germany

**Contributing to a Security Union: 30 Years of Nuclear Forensics in JRC**

20 JUN 2022 – 24 JUN 2022 – Pleasanton, CA USA

**International Technical Working Group 25th Anniversary Meeting**

5 OCT 2021 – 10 OCT 2021 – Nor Amberd, Armenia

**V International Conference dedicated to N.W. Timofeeff-Reesovsky "Modern Problems of Genetics, Radiobiology, Radioecology and Evolution" GRRE 2021**

## **NETWORKS AND MEMBERSHIPS**

2021 – CURRENT

**International Nuclear Forensics Working Group**

Link <https://www.nf-itwg.org/>

2018 – CURRENT

**INTERNATIONAL MEDICAL GEOLOGY ASSOCIATION**

Link <https://medicalgeology.org/>

## **VOLUNTEERING**

**Associated Editor of the Journal of Geochemical Exploration**

Link <https://www.sciencedirect.com/journal/journal-of-geochemical-exploration/about/editorial-board>

---