



Konstantin Pyuskyulyan

Date of birth: 27/01/1948 | **Nationality:** Armenian | **Gender:** Male |

Phone number: (+374) 93841544 (Mobile) | **Email address:** pyuskyulyan@bk.ru |

ORCID: <https://orcid.org/0000-0002-7277-0077> |

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

● ABOUT ME

PhD in Mathematics and Physics
Senior Researcher of the Radioecology Department, CENS
Head of Laboratory of Environmental Protection, ANPP CJSC
Head of Laboratory for Technical and Forensic Analysis of Nuclear and Radioactive Materials (FL)

● WORK EXPERIENCE

2016 – CURRENT Yerevan, Armenia
SENIOR RESEARCHER RADIOECOLOGY DEPARTMENT, CENTER FOR ECOLOGICAL-NOOSPHERE STUDIES (CENS) OF NAS RA

2012 – CURRENT Metsamor, Armenia
HEAD OF DEPARTMENT LABORATORY OF ENVIRONMENTAL PROTECTION, ARMENIAN NUCLEAR POWER PLANT CJSC

2017 – CURRENT Metsamor, Armenia
HEAD OF LABORATORY LABORATORY FOR TECHNICAL AND FORENSIC ANALYSIS OF NUCLEAR AND RADIOACTIVE MATERIALS (FL)

1981 – 2012 Metsamor, Armenia
DEPUTY HEAD OF THE DEPARTMENT OF RADIATION PROTECTION ARMENIAN NUCLEAR POWER PLANT CJSC

1971 – 1973 Ashtarak, Armenia
RESEARCHER INSTITUTE OF PHYSICS, ACADEMY OF SCIENCE OF ARMSSR

● EDUCATION AND TRAINING

1983 – 1986 Moscow, Russia
PHD IN MATHEMATICS AND PHYSICS Institute of Applied Geophysics

1981 – 2009 Vienna, Austria
TRAINING IN ENVIRONMENTAL MONITORING, NUCLEAR FORENSICS, RSC IAEA

Website <https://www.iaea.org/>

1966 – 1971 Yerevan, Armenia
MS IN MATHEMATICS AND PHYSICS Yerevan State University

Website <https://ysu.am/en>

● LANGUAGE SKILLS

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

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

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

● ADDITIONAL INFORMATION

DRIVING LICENCE

Driving Licence: B

PROJECTS

2021 – CURRENT

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

2021 – CURRENT

Capacity Building in Nuclear Forensics and Enhancement of Regional Cooperation between Armenian and Georgian Authorities Project Sub-Manager

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

2018 – 2020

Radioecological Monitoring in Armenia. Phase II – REMA II

2015 – 2017

Radioecological Monitoring in the Area of the Republic of Armenia Project participant

2010 – 2013

PNSP-8210 “Establishment of the Laboratory for Technical and Forensic Analysis of Nuclear and Radioactive Materials (FL) in 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/10.1038/s41598-019-48500-x>

[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

<https://doi.org/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

<https://doi.org/10.1134/S0016702922010049>

[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/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., Atoyan V., Belyaeva O., Movsisyan N., Saghatelyan A. Altitudedependent distribution of ¹³⁷Cs in the environment: a case study of Aragats massif, Armenia. *Acta Geochimica*, 39, 2020, p. 127–138](#)

<https://doi.org/10.1016/j.scitotenv.2006.03.020>

[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>

[Khachatryan G.E., Arakelyan V.B., Simonyan N.V., Mkrtychyan, N.I., Avakyan Ts.M., Pyuskyulyan K.I. \(2016\) Some Aspects of Radioecology in the Areas Adjacent to Armenian NPP. In: Korogodina, V., Mothersill, C., Inge-Vechtsov, S., Seymour, C. \(eds\) *Genetics, Evolution and Radiation*. Springer, Cham](#)

– 2016

https://doi.org/10.1007/978-3-319-48838-7_26

[Aleksanyan, G.M., Valyaev, A.N., Pyuskyulyan, K. \(2008\). Several Approaches to the Solution of Water Contamination Problems in Transboundary Rivers Crossing the Territory of Armenia. In: Salbu, B., Skipperud, L. \(eds\) *Nuclear Risks in Central Asia. NATO Science for Peace and Security Series Series C: Environmental Security*. Springer, Dordrecht.](#)

– 2008

https://doi.org/10.1007/978-1-4020-8317-4_19

[Pyuskyulyan, K., Atoyan, V., Arakelyan, V., Saghatelyan, A. \(2008\). The Net Effect of the Armenian Nuclear Power Plant on the Environment and Population Compared to the Background From Global Radioactive Fallout. In: Salbu, B., Skipperud, L. \(eds\) *Nuclear Risks in Central Asia. NATO Science for Peace and Security Series Series C: Environmental Security*. Springer, Dordrecht.](#)

– 2008

https://doi.org/10.1007/978-1-4020-8317-4_12

[Saakov, E.S., Avetisyan, A.A. & Pyuskyulyan, K.I. Emissions of ⁶⁰Co, ^{110m}Ag, and ⁵⁴Mn at the Armenian nuclear power plant, and their content in the surrounding atmosphere. *At Energy* 56, 291–293 \(1984\).](#)

– 1984

<https://doi.org/10.1007/BF01124315>

HONOURS AND AWARDS

26/04/2011

"Cooperation for Salvation" Medal – Government of the Republic of Armenia

06/02/1991

The Chernobyl Liquidator Medal – Ministry of Atomic Energy Production of USSR