

CURRICULUM VITAE

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PERSONAL DATA

Date of birth March 22, 1946
Place of birth Yerevan, Armenia
Family status Married, two children
Nationality Armenian

EDUCATION

1979 – 1980 Probationer, Institute Foreign Languages (French), Moscow
1971 – 1975 Post – graduate, Institute of Physics of Earth, Moscow
1964 – 1969 Student, Geological Department, Yerevan Polytechnic Institute

DEGREES/ RANKS

1980 Diploma of Associate Professor
1975 Candidate of Geophysical Sciences
1969 Engineer – geologist

WORK EXPERIENCE

1980- up to present Associate Professor of SEUA
1992- 2006 Head of the Laboratory of Experimental Seismotectonics SEUA
1999 – 2005 Head of the Chair of Geology and Exploration Technique SEUA
1980 – 1984 Associate Professor, of Madagascar University
1977 – 1980 Instructor, Polytechnic Institute of Yerevan
1975 – 1977 Assistant, Polytechnic Institute of Yerevan
1971 – 1975 Post – graduate, Institute of Physics of Earth in Moscow
1969 – 1971 Engineer, Polytechnic Institute of Yerevan

LANGUAGES: Fluent in Armenian, Russian and French, fair knowledge in English

CURRENT AREA OF INVESTIGATION

Author of more than 70 papers from the area of geology and geophysics

1. Seismic waves and density of rocks and minerals at high thermobaric conditions
2. The processes in the association of rocks in thermobaric conditions
3. Approximation and investigation of the gas and fluids released during these tests
4. Structure, composition and evolution of the Earth crust
5. Mechanism of formation deep geological structures and ophiolites
6. Formation and migration of deep crystal fluids
7. Genesis hydrocarbons by organic and inorganic ways
8. Mechanism of formation of some type of earthquakes
9. Mechanism of formation Oceanic crust Geostructures and originating of tsunamis

POLIMORPHISM, DEHIDRATION AND MELTING OF MINERALS AT HIGH TERMOBARIC CONDITIONS AS POSSIBLE REASON OF SEISMIC ACTIVITY

Harutyunyan A.V., Grigoryan S.H., Abazyan E. V.

- Harutyunyan A.V., Levikin A.I. 1974.** Velocities of elastic waves and density of calcite-containing, igneous rocks and listvenites from ophiolite belts of Armenia, at the pressures 20kb. NAS Arm.SSR, N59, N2, 5p.
- Harutyunyan A.V. 1975.** Investigation of elastic properties and density basites and ultrabasites of ophiolite belts of Armenia at the high pressures up to 20kb – Ph.D. thesis, Institute Physics of Earth AS USSR, Moscow.
- Aslanyan A.T. , Harutyunyan A.V., Levikin A.I. 1976.** About one possible mechanism of the origin of earthquakes. Reports of the N.A.S of Arm. SSR ,vol. 63, N 2 , p 96-101. (Rus.).
- Harutyunyan A.V., Bdoyan A.A. 1988.** Elastic, density and petrophysical properties setpentinitis of Lesser Caucasus at high pressure and temperature.- Proceedings of the Academy of Sciences Arm. SSR "Sciences of Earth", N3, p 33-40. (Rus.).
- Harutyunyan A.V., Bdoyan A.A., Maroukyan V.O. 1993.** Petrophysical investigations in the associations of Armenia rocks at the termobaric conditions. Prospecting NAS Armenia, Science of Earth, N3, 5p.
- Harutyunyan A.V., Abovyan S.B., Bdoyan A.A., Babayan G, B., 1997.** Dehydration and mineral formation process at high termobaric parameters in rocks setting of ophiolite association in the Armenian Highland. - Proceedings of the Academy of Sciences Arm. SSR, "Sciences of Earth", N 1-2, p. 50-54 (Rus.).
- Harutyunyan A.V., Barsegyan A.G., Grigoryan S.A., 2004.** Polymorphism and dehydration of minerals at high termobaric conditions as possible reason of seismic activity. Symposium Asian Seismological Commission V General Assembly, Yerevan, October.

RELATION BITUIN OF COMPOSITION, STRUCTUR, EVOLUTION, OF EARTH CRUST AND SEISMIC ZONATION OF THE TERRITORY OF ARMENIA

Harutyunyan A.V., Petrosyan G.M.

- Aslanyan A.T. , Volarovich M.P. Harutyunyan A.V., Levikin A.I. 1975 -** About structure ,composition and elastic properties Earth crust and upper mantle on the territory of Armenia.- Reports of the N.A.S of Arm. SSR , vol. 61, N 3 , 1975, p 152-159, (Rus.).
- Harutyunyan A. V.1975-**Investigations of elastic properties and density of basits and ultrabasits from ophiolit belts of Armenia at high pressures up to 20 kb. Ph.D. thesis, AS of URSS, Institute of "Physics of Earth", Moscow.(Rus.).
- Aslanyan A.T. , Harutyunyan A.V. 1988 -** About deep structure of ophiolite zones of Lesser Caucasus.- Proceedings of the Academy of Sciences Arm. SSR , "Sciences of Earth", N5, p 49-53 .Rus.).
- Harutyunyan A.V. 1992 -** About petrophysical section of the upper lithosphere of the territory of Armenia. –Reports of the N.A.S of Armenia, N4, p. 183-188, (Rus.).
- Harutyunyan A.V. 1998 -** On the composition and structure of the Earth's crust in the Little Caucasus area and Formation of deep – seated ophiolite underthrusts. – Rev. Geology and Prospecting, Moscow, N2, p.51 –55, (Rus.).

Harutyunyan A.V. 1999 - On evolution of the Earth's crust of Lesser Caucasus and mechanism of formation of hydrocarbons components. – Yerevan State University, Transactions, N1, p. 129-134, (Rus.).

Harutyunyan A.V., Grigoryan S.A.2005.- Composition, structure, evolution, fluid regime and genesis of organic and inorganic hydrocarbons in the Earth crust of lesser Caucasus. Abstracts, 14th Meeting of the Association of European Geological Societies. Torino- Italy. En

Balasanian S. Yu., Nazaretian S. N.,Amirbekian B. S.-Seismic Protection And Its Development. Gumry Eldorado,2004. p.436.