Europass Curriculum Vitae

Personal information

Surname / First name	Radulian Mircea
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Nationality	Romanian
Date of birth	19 March 1954
Gender	Male

Desired employment / Occupational field

Work experience

	Seismology, Seismicity, Seismic source, Earthquake Hazard and Risk, Microzonation, Attenuation of seismic waves
Dates	2002 – present: President of the Scientific Council, NIEP; 2000 – present : Scientific Director, NIEP; 1999 – principal researcher
Occupation or position held	Scientific Director
Main activities and responsibilities	Scientific management, project responsible, peer reviewer, publication, teaching
Name and address of employer	Ministry of Education and Research
Type of business or sector	Research

Education and training

Dates	1999: PhD Thesis, Institute for Atomic Physics, Bucharest 1979: MSc, University of Bucharest - Faculty of Physics 1978: Bsc Thesis, University of Bucharest - Faculty of Physics
Title of qualification awarded	Dr. in physics
Principal subjects/occupational skills covered	Earth physics, seismology, seismic source, seismic hazard
Name and type of organisation providing education and training	Institute of Physics of Earth - Moscow; Institut de Physique du Globe – Paris; International Centre for Theoretical Physics – Trieste; Institute of Geophysics – Karlsruhe;

Level in national or international classification

(remove if not relevant, see instructions)

Personal skills and competences

Mother tongue(s) Romanian

Other language(s) English, French, Italian

Self-assessment		Understanding		Speaking		Writing
European level (*)		Listening	Reading	Spoken interaction	Spoken production	
Language	English	good	Very good	Very good	good	good
Language	French	Very good	Very good	good	good	good

(*) Common European Framework of Reference for Languages

Social skills and competences

Training young researchers, dissemination, teaching, supervisor of Master and Bachelor diplomas, Faculty of Physics and Faculty of Geology and Geophysics, University of Bucharest Associate Professor – Doctoral School of Physics, University of Bucharest (Faculty of Physics)

Organisational skills and competences

Project management, institutional research strategy, evaluation expertise in international (FP6, FP7, NATO, CONCERT) and national projects.

Technical skills and competences

Waveform analysis, signal processing, hazard and risk assessing

Computer skills and competences

Earthquake data processing, computation of seismic source parameters, Fortran programming

Artistic skills and competences

Other skills and competences

Official referent and evaluator for national and international projects, reviewer for national and international journals, participation in elaboration of national strategy for research-development and innovation

Driving licence

Additional information

236 published papers (99 in ISI journals);
Director in 19 international projects (NATO, UNESCO, SCOPES, ILP, CEI, FP5, FP6, FP7), 21 national projects and 5 bilateral projects.
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1759 quotations (without self-quotations) in ISI journals
h-index 21 (www.webofknowledge.com), 22 (Scopus), 28 (Google Scholar)

Annexes

List of publications

December 2021

List of publications

1. **Radulian, M**., Seismic hazard computation for Vrancea earthquakes, St. Cerc. Fiz. 33, 787-795, 1981 (in Romanian).
2. **Radulian, M**., Seismic risk determination for Vrancea intermediate earthquakes, Proc.of the 2nd International Symposium on the Analysis of Seismicity and on Seismic Hazard, Liblice, Czech Republic, May 18-23, 1981, II, 545-552, Prague, 1981.
3. **Radulian, M**., Trifu, C-I., Wave equation solution in a homogeneous halfspace by the finite difference method for two-dimensional dynamic seismic source models, Rev. Roum. Phys. 28, 919-931, 1983**.**
4. Trifu, C.I., **Radulian, M**., Synthetic near-field ground motion for an antiplane stress-drop model, Rev. Roum., Sci. Techn. Mec. Appl. 30, 511-522, 1985.
5. Trifu, C.I., **Radulian, M**., Predicted near-field ground motion for stress-drop models, *Pure and Applied Geophysics* 123, 173-198, 1985.
6. Trifu, C.I., **Radulian, M**., Scaling laws of the near-field SH ground motion, Acta Geophysica Polonica 3, 185-199, 1986.
7. **Radulian, M**., Trifu, C.I., Scaling relationships for the near - field P-SV ground motion, Pure and Applied Geophysics 125, 19-40, 1987.
8. Trifu, C.I., **Radulian, M**., Asperity distribution and percolation as fundamentals of earthquake cycle, Phys. Earth Planet. Interiors 58, 277-288, 1989.
9. Trifu, C.I., **Radulian, M**., Popescu, E., Characteristics of intermediate depth microsesmicity in Vrancea region, Rev. de Geofisica 46, 75-82, 1990.
10. Trifu C.I., **Radulian, M**., Frequency - magnitude distribution of earthquakes in Vrancea: relevance for a discrete model, J. Geophys. Res. 96, 4301-4311, 1991.
11. **Radulian, M**., Trifu, C.I., Carbunar, F.O., Numerical simulation of earthquake generation process, Pure and Applied Geophysics 136, 499-514, 1991.
12. **Radulian, M**., Trifu, C.I., Would it have been possible to predict the August 30, 1986 Vrancea earthquake?, Bull. Soc. Seism. Am. 81, 2498-2503, 1991.
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19. **Radulian M**., Popa M., Relative methods to set out the seismic source parameters, Rev. Roum. Geophysique 37, 29-40, 1993.
20. **Radulian M**., Popa M., Scaling of the parameters of the Vrancea subcrustal seismic source, Proc. of XXIV General Assembly of the European Seismological Commission, Athens, p. 846-848, 1994.
21. **Radulian M**., Popa M., Analysis of the space, time and energy distribution of Vrancea earthquakes, The Second Workshop of Statistical Models and Methods in Seismology. Application on Prevention and Forcasting of Earthquakes, Cephalonia, 2-5 June 1993, 145-157, 1994.
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