



## ***Prof. dr. ing. Dan Lungu***

Profesor de Siguranța construcțiilor

Mobil 0745 189 851  
E-mail lungud@utcb.ro

### ***Experiență profesională și managerială***

- Profesor de Siguranța construcțiilor, *Universitatea Tehnică de Construcții București*, 1991-2011; Conferențiar, Lector, Asistent, *UTCB*, 1969-1991
- Conducător de doctorat în domeniul Inginerie civilă, specializarea Siguranța construcțiilor și Inginerie seismică, *Universitatea Tehnică de Construcții București, UTCB*, 1991 – prezent
- Diplomă de doctor, *Institutul de Construcții București, ICB (azi UTCB)*, 1978
- Director, Departamentul de Inginerie Civilă, *Universitatea Tehnică de Construcții București, UTCB*, 1997 – 2001
- Director, Centrul de cercetare “*Siguranța structurilor la acțiuni din hazard natural*” la *UTCB* 2003- 2011, Ministerul Educației și Cercetării, Consiliul Național al Cercetării Științifice din Învățământul Superior, CNCSIS
- Expert tehnic atestat, Rezistența și stabilitatea construcțiilor cu structuri din beton, zidărie, metal, lemn (A1 și A2), *Ministerul Transporturilor, Construcțiilor și Turismului, MTCT*, 2005
- Diplomă de inginer, *Universitatea Tehnică de Construcții București, UTCB*, 1967
- Inginer proiectant, *Institutul Proiect București*, 1967-1969
- Director general, *Institutul Național al Monumentelor Istorice, INMI*, 2006 – 2009
- Director general adjunct, *Institutul Național al Patrimoniului, INP*, 2009 – 2010
- Director general, *Institutul Național de Cercetare-Dezvoltare în Construcții și Economia Construcțiilor, INCERC* 2001- 2006
- *Bursa JICA, Japan International Cooperation Agency* „Administrative Training on Legislation and Dissemination” at the Cabinet Office, Ministry of Land, Infrastructure and Transportation; Building Research Institute; and other organizations, Japonia, Jan 2006
- *Bursa JICA*, „Seismology and Earthquake Engineering” la *International Institute for Earthquake Engineering and Engineering Seismology, Building Research Institute*, Ministry of Construction of Japan, Tsukuba, Mai-Iunie 1998
- *Bursa UNESCO* la *International Institute for Mechanical Sciences*, Udine, Italia, Nov-Dec 1975

### ***Proiecte naționale și internaționale***

- Proiectul *IRPP/SAAH* de reabilitare integrată a patrimoniului de arhitectură și arheologic din cadrul Programului regional pentru patrimoniul cultural și natural din SE Europei, *RPSEE* - un program comun al *Consiliului Europei* și *Comisiei Europene*, 2006-2008-2010 (Coordonator *IRPP/SAAH*, la *INMI, Institutul Național al Monumentelor Istorice*)
- *PROHITECH*, Protecția seismică a monumentelor istorice prin tehnologii reversibile, la *UTCB, Universitatea Tehnică de Construcții București*, Contract CE. Programul FP 6, Contract INCO – CT – 2004 – 509119, 2004-2008 (Responsabil proiect, *UTCB, România*)
- *RISK-UE*, Scenarii avansate de risc seismic cu aplicații pentru 7 orașe europene *Universitatea Tehnică de Construcții București*, - Contract CE. Programul FP 5: EVK4-CT-2000-00014, 2001-2003 (Responsabil proiect, *România*)
- *CETERS*, Cercetări teoretice și experimentele pentru reducerea riscului seismic al clădirilor din patrimoniul cultural național (Responsabil contract), *CEEX, Programul MENER ANCS, MEC*, (2006-2009).
- *Japan International Cooperation Agency*, Reducerea riscului seismic pentru construcții și structuri în România, la *UTCB, Universitatea Tehnică de Construcții București* (1998-2002) *MLPTL, Ministerul Lucrărilor Publice, Transporturilor și Locuinței și INCERC* (2002-2006).
- Consultanță seismică pentru Proiectul *Băncii Mondiale/World Bank*:  
- Hazard Risk Mitigation and Emergency Preparedness in Romania, Componenta B-  
Reducerea riscului seismic (2002 și 2012)
- Proiectul *PHARE RO/TS/01*, Support of the Romanian *NRA (CNCAN)* in the Licensing Review of the Seismic Safety Design of Cernavoda Nuclear Power Plant, la *INCERC*, 2002-2004 (Responsabil contract)
- Proiectul Probabilistic Seismic Hazard Analysis for the Cernavoda NPP Site, *Rizzo Associates Inc*, Monroeville, PA, USA, *Stevenson & Associates*, Bucharest Office, la *UTCB*, 2003-2004 (Consultant)
- Proiectul *NATO* - Armonizarea hazardului seismic și reducerea riscului în țările afectate de sursa Vrancea, *Sciences for Peace Project Plan*, la *INCERC*, (Responsabil proiect, *România*, 2004-2006)
- Proiectul *Națiunilor Unite RADIUS*, Risk Assessment tools for DIagnosis of Urban areas against Seismic disasters. Understanding Urban Seismic Risk around the World, *Geohazards International, Stanford, Ca*: City of Bucharest seismic profile, 1997-1999 (Responsabil proiect)
- Probabilistic hazard analysis to the Vrancea earthquakes in Romania. Part I in the Experience database of Romanian facilities subjected to the last three Vrancea earthquakes. Research Contract No. 8233/EN R1, 1995 and No. 8223/1996, EN with *International Atomic Energy Agency*, Vienna, la *Stevenson & Assoc.* Bucharest (Responsabil contract)
- Seismic microzonation of the city of Bucharest-Romania, *Association Française du Génie Parasismique*, 1997-1999 (Responsabil contract)

- Programul "Strong earthquakes: A Challenge for Geosciences and Civil Engineering", *German Science Foundation Grant SFB461*, at *University of Karlsruhe*, Germany; Proiectele: Damage estimation and retrofitting of buildings in central Bucharest and Geotechnical and seismic microzoning of Bucharest 1995- 2007 (Responsabil al celor doua proiecte în România)
- Implementing of Structural Eurocodes in Romanian civil engineering standards. *TEMPUS Project CME 001198/95*, *Universitatea Tehnica de Construcții București, UTCB*, 1995-1998. (Responsabil proiect pentru Eurocodurile EC1- Basis of design și EC8 – Seismic action)

### ***Cărți publicate***

- *Wind, snow and temperature effects on structures based on probability*, *Abacus Press*, Tunbridge Wells, Kent, United Kingdom of Great Britain, 411 p. 1975 (D. Ghiocel & D. Lungu)
- *Structural Reliability and Risk Analysis*, Editura Conspress, București, 2007, 148 p, (R. Văcăreanu, A. Aldea, D. Lungu)
- *Clădiri amplasate în zone cu mișcări seismice puternice* ISBN, 973-8391-040 / *Orizonturi Universitare / Timișoara*, 2003, 479p, (autor si coordonator)
- *Advanced Structural Analysis*, Conspress, Universitatea Tehnica de Construcții București, *UTCB*, 2000. 177p. (D. Lungu, R. Vacareanu, A. Aldea, C. Arion)
- *Metode probabilistice in calculul construcțiilor*. Editura Tehnica București, 1983, 443 p. (D. Lungu & D. Ghiocel)
- *Siguranța structurilor*. Universitatea Tehnica de Construcții București, *UTCB*, 683 p, 1973, (D. Ghiocel & D. Lungu).
- *Actiunea vântului, zăpezii și variațiilor de temperatură în construcții*. Editura Tehnică, București 1972,372 p,( D. Ghiocel , D. Lungu )
- *Monumentele istorice din Bucuresti, Cladiri si incendii in Bucuresti*. Centrul seismic vrancean si efectele sale in *Cartea Neagra, Distrugerea patrimoniului architectural si urbanistic din Romania: 01 Bucuresti (1990-2009)*, editura CNI, Coresi, Bucuresti, p.12-13; 30-37 (Proiect realizat cu sprijinul *Ministerului Culturii, Cultelor si Patrimoniului National*), ISBN 978-973-570-349-3. coautor

### ***Cărți publicate ca editor***

- *România, Patrimoine Mondial/World Heritage. Patrimoine Saxone de Transylvanie/Saxon Heritage in Transylvania*, Institutul Național al Patrimoniului, 122p. București, 2010 (coordonarea generală D. Lungu, T. Sinigalia)
- *România, Patrimoine Mondial/World Heritage*, Institutul Național al Monumentelor Istorice, 402 p., București, 2007 (coordonarea generală D. Lungu, T. Sinigalia)
- *Volume 1 - Intervention strategies for the seismic protection of historical building heritage in the Mediteranian basin*, ISBN 978-88-7699-169-1, Mazzolani F., Matteis G., Mandara A., Ascar G.A., Lungu D, Esposto M. editori), Polimetrica International Scientific Publisher.
- *Earthquake Loss Estimation and Risk Reduction*, Conferinta Internationala, Oct. 24-26, 2002, la Academia Romana, Bucuresti. Vol. I, 366 p., Vol II, 420 p., (Lungu, D., Wenzel, F., Mouroux, P., Tojo, I. editori)
- *Earthquake Hazard and Countermeasure for Existing Fragile Buildings*. *JICA International Seminar*, Nov. 23-24, 2002, Bucuresti, (Lungu D., Saito T. editori)

- *Vrancea Earthquakes. Tectonics, Hazard and Risk Mitigation*, Proceedings of the *First International Workshop on Vrancea Earthquakes*, Nov. 1997, Bucharest. (Wenzel, F., Lungu, D., editors), Kluwer Academic Publishers, 1999, 374 p.
- *Implementing of Structural Eurocodes in Romanian Civil Engineering Standards. EUROCODE 8 - Design examples with emphasis on seismic condition of Romania*. TEMPUS Project CM E 001198/95, Bridgeman Ltd. Timisoara, 433 p. (D. Lungu, F. Mazzollani, S. Savidis editori), 1997.

### ***Membru în Asociații profesionale***

- Delegat național al României la *World Association of Earthquake Engineering, WCEE*, 2004 – 2012
- Membru în *AFPS, Asociația Franceza de Inginerie Seismica*, Paris, 1994-prezent
- Vicepreședinte *AICR, Asociația Inginerilor Constructori din România*, 1997-prezent
- Vicepreședinte *ARIS, Asociația Română de Inginerie Seismica*, 2001-prezent
- Membru în *AICPS, Asociația Inginerilor Proiectanți de Structuri*, 2006 - prezent

### ***Membru în comitetul editorial***

- Comitetul editorial, *Journal of Earthquake Engineering*, Imperial College Press, London, UK, 1997-2003 (membru)
- Colegiul de redacție, *Revista Monumentelor Istorice* (președintele Colegiului) și *Buletinul Comisiei Monumentelor Istorice, Institutul Național al Monumentelor Istorice*, 2007 – 2010

### ***Comisii de specialitate***

- Președintele *Comisiei de Inginerie Civilă a Consiliului Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare*, Ministerul Educației și Cercetării 2006 – 2011
- Membru în *Comisia Prezidențială pentru patrimoniul construit, siturile istorice și naturale*, Mai 2008 – 2010.
- Membru în *Comisia Națională a României pentru UNESCO*, subcomisia Știință – Cercetare, 2008 – 2011
- Președinte al *Comisiei 7, Transporturi, Construcții, Amenajarea teritoriului și Materiale de construcții*; Colegiul Consultativ al Agenției Naționale pentru Cercetare, Dezvoltare, Educației și Cercetării, 2002 – 2006
- Membru în Biroul Permanent al *Comisiei Inginerie Civilă a Consiliului Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare*, Ministerul Educației și Cercetării 2011-2012.
- Membru în *Comisia Națională a Monumentelor Istorice*, Ministerul Culturii și Cultelor, 2006 - 2011
- Membru în *Comitetul Director al Asociației Române a Antreprenorilor în Construcții ARACO*, 2004 - 2007
- Membru în *Comisia pentru Reducerea Riscului Seismic* la Ministerul Dezvoltării Regionale și Turismului, 1997-prezent

## *Conferințe invitate*

- Professor invitat, *University of Genova*, Conferința: Natural risk reduction in Romania and Wind action on *Brancusi Endless Column* according to EUROCODE 1, 2001
- Profesor invitat, *Institut für Bodenmechanik und Bauinformatik, Technische Universität Dresden*, Nov-Dec, 1995
- Profesor invitat la *Sonderforschungsbereich SFB210 al Fundatiei Germane pentru Stiinta "Fluid mechanical design rules for buildings"*, *Institut für Massivbau, Universität Karlsruhe*, Jul-Aug, 1994.
- Lector invitat: History of Earthquake engineering, Lessons learned and outcomes in today practice - Perspective from Romania, *Exceptional event: 25<sup>th</sup> Anniversary, Association Francaise du Genie Parasismique*, Nice, 13 June, 2008
- Lector invitat la *Civil Protection School in Kosovo*, Module 4: Natural hazards, Module 8: Natural Risks, Disasters and Effects. *Acordul Europa Major Hazards Agreement, Consiliul Europei*, 2001 (2 sesiuni).
- Lector invitat la *304<sup>th</sup> meeting of the German Reactor Safety Commission & 63<sup>rd</sup> meeting of the RSK-Committee for Layout and Civil Works*, Oct.21/22, 1996, *Technische Universität München*
  
- Lungu, D., Earthquake mitigation in Romania: synergy from international projects. International workshop on: Regional Cooperation in the field of Risk Mitigation and Emergency Management, Skopie Macedonia, December 13-14, 2004
- Lungu, D., Situatii de urgenta in dezvoltarea urbana a capitalei. Protectia cladirilor din clasa 1 de risc seismic si din "zone protejate", expuse demolarilor. 240 de ani de la prima reglementare de prevenire a incendiilor in Romania, Ministerul Internelor si Reformei Administrative, Inspectoratul General pentru Situatii de Urgenta, Sala Operei Romane Bucuresti, Septembrie 5, 2008
- Lungu, D., Earthquake Mitigation in Romania: synergy for international projects. "Strong Earthquakes: A Challenge for Geosciences and Civil Engineering", Review of the Collaborative Research Center 461, German Science Foundation, Karlsruhe University, Sept. 28-29, 2004
- Lungu, D., Disaster monitoring using space technology. Space and aeronautics: towards European and international integration. Romanian Space Agency in cooperation with the Ministry of Education and Research, Bucharest, Romania, 10-11 December 2002
- Lungu, D., Seismic risk mitigation in the Vrancea region, Romania. Hazard Risk Mitigation in Europe and Central Asia, World Bank Workshop, Istanbul, Oct. 26-28, 2004
- Lungu, D., Arion, C., Protectia seismica si protectia impotriva demolarii patrimoniului construit. Conferinta Nationala Terra si Viata, Academia Romana, Comisia Nationala a Romaniei pentru UNESCO, Bucuresti, 22aprilie 2008
- Lungu, D., Arion, C., Riscul seismic pentru cladirile monument din Transilvania, Conferinta internationala "Restaurarea de cladiri-monument din Transilvania sub aspectul influentelor de mediu si climatice", Medias, 3-4 Iunie 2009
- Lungu, D., Arion, C., Protectia cladirilor din Bucuresti: (i) antiseismica si (ii) impotriva demolarilor, Colocviul National Istorie, istoria artei decorative, conservare-restaurare, relatii publice, Muzeul National Cotroceni, Bucuresti, 21-22 Mai 2008
- Lungu, D., Riscuri naturale si antropice pentru patrimonial construit al Bucurestiului, Ziua internationala pentru Reducerea Riscului Dezastrelor Naturale, Inspectoratul General pentru Situatii de Urgenta , Punctul National Focal Hyogo Framework for Action, 14 Octombrie 2009
- Lungu, D., Arion, C., Aldea, A., Vacareanu, R., Management of Bucharest earthquake risk. Synergy from national and international actions, NATO Advanced Workshop "Management

of urban earthquake risk in central asian and Caucasus countries”, Istanbul, Turkey, 14-19 May, 2006

- Lungu, D., Arion, C., Aldea, A., Protecția seismică a patrimoniului cultural național. Exigente europene și urgente de consolidare în România. A VIII-a Conferința națională a specialiștilor din domeniul protejării patrimoniului cultural național. Gala premiilor patrimoniului cultural național. Muzeul Național de Artă al României, 30 martie – 1 aprilie 2005
- Lungu, D., Patrimoniul construit al Bucureștiului este în pericol! Comisia Națională a României pentru UNESCO organizatori ai “Știința și patrimonial”, Aula Bibliotecii Academiei Române, 14 Aprilie 2009.
- Lungu, D., Protecția seismică a Bucureștiului de altă dată, Academia Română și Comitetul Român de Istorie și Filosofie Științifică și Tehnică organizator al “Dezvoltarea Urbanistică a Capitalei. Orașul ca Bun Cultural”, Aula Academiei Române, 31 Mai 2006
- Lungu, D., Arion, C., Aldea, A., Protecția seismică a construcțiilor ce aparțin patrimoniului cultural național. A VII-a Conferința națională a specialiștilor din domeniul protejării patrimoniului cultural național. Gala premiilor patrimoniului cultural național. Muzeul Național de Artă al României, Sala Auditorium 31 martie – 2 aprilie 2005

### ***Comitete științifice internaționale***

- Membru în International Scientific Committee of the *15th World Conference Earthquake Engineering, 15WCEE*, Sept 24-28, 2012, Lisabona, Portugal.
- Membru în Comitetul Științific Internațional al Conferinței Internaționale *Earthquake Engineering in the 21st Century*, Aug 27-1 Sept, 2005, Skopje-Ohrid, Macedonia
- Membru în International Advisory Committee of the *Sixth International Conference on Seismic Zonation, 6ICSZ*, Nov 12-15, 2000, Palm Springs, California, USA.
- Membru în Comitetul Științific și Președinte al Sesiunii T7-1 Seismic Hazard and Risk, *XI<sup>th</sup> European Conference on Earthquake Engineering*, Sept 1998, Paris, Franța
- Membru în Comitetul Științific al *EUROMECH 372 Colloquium of the European Mechanics Society*, Oct 1997
- Membru în Comitetul Științific al *International Association for Bridge and Structural Engineering, IABSE Symposium on EUROCODE 1*, Delft, Martie 27-29 1996
- Raportor pentru Session A1.2, "Zonation as a tool for retrofit and design of new facilities" - *5<sup>th</sup> International Conference on Seismic Zonation*, Nice, France, Oct. 16-19, 1995

### ***Premii, diplome***

- Membru de onoare, *Société de Géographie*, Paris, Franța, 31 Mai 2008
- Diploma de Excelență, *Ministerul Culturii și Inspectoratul pentru Cultură Gorj*, pentru Restaurarea *Coloanei fără Sfârșit* de Constantin Brâncuși, Tg. Jiu, 17 Dec. 2000
- Diploma de Merit, Ministerul Culturii și Cultelor, pentru editarea albumului *Romania, Patrimoine Mondial / World Heritage*, 27 Martie 2008
- Premiul "Traian Vuia" al Academiei Române, 29 Nov 1977
- Diploma de Membru de Onoare, *Fundatia Panteonul României, Academia Romană*, Iulie 2009.
- Diploma „Opera Omnia” a Asociației Inginerilor Proiectanți de Structuri, *AICPS*, 18 Mai 2006
- Diplomă de Merit *Inspectoratul de Stat în Construcții*, 2004
- Diploma *AGIR, Asociația Generală a Inginerilor din România*, 11 Sept. 2004.

- Diplome de excelenta *Inspectoratul General pentru Situații de urgență*, 28 febr 2008, 14 Oct 2009
- Certificat de apreciere, *Ministerul Administrației și Internelor, Exercițiul internațional EADRCC cu NATO, Civil Emergency, Planning and Exercises*, Oct. 7, 2003

#### ***Activitatea de proiectare, consolidare și restaurare***

- Restaurarea *Coloanei fără Sfârșit de Constantin lui Brâncuși*, Tg. Jiu, (2000) și 2004
- Consolidarea *Clădirii principale a Facultății de Medicină* din București, 1977
- Proiectarea Clădirii Sălii Mari a *Teatrului Național* București, 1969
- Proiectarea clădirilor: *Institutul Național de Geologie* București, Casa de Cultura Slatina, Hoteluri în Buzău, Botoșani, ș.a.
- Studii de hazard seismic pentru Centrala nucleară Cernavoda
- Comisii de evaluare a siguranței seismice și soluției de consolidare inovative pentru Primăria Municipiului București, Clădirea Guvernului din Piața Victoriei, București, ș.a.

#### ***Coduri / standarde de proiectare***

- Codul de proiectarea seismică a construcțiilor, P100/1-2006 (și P100/1-2012, proiect), Capitolul 3 Acțiunea seismică, (*Ministerul Dezvoltării Regionale și Turismului*), 2012 (autor)
- Codul de proiectarea seismică a construcțiilor, P100/1-2011 (proiect), Capitolul 3 Acțiunea seismică, *Ministerul Transporturilor, Construcțiilor și Turismului (respectiv Ministerul Dezvoltării Regionale și Turismului)*, 2006 Buletinul Construcțiilor Vol. 5/ 2005 și Vol. 11-12/ 2007 ( autor )
- Codurile de proiectare (i) Bazele proiectării structurilor în construcții, în Buletinul Construcțiilor Vol. 2 / 2006 (ii) Bazele proiectării structurilor în construcții, Acțiunea vântului, în Buletinul Construcțiilor Vol. 7/2005 și (iii) Bazele proiectării structurilor în construcții, Evaluarea acțiunii zăpezii asupra construcțiilor, în Buletinul Construcțiilor Vol. 2/2006, *Ministerul Transporturilor, Construcțiilor și Turismului* (autor și coautor)
- Codurile de proiectare (i) Bazele proiectării construcțiilor, (ii) Evaluarea acțiunii vântului asupra construcțiilor și (iii) Evaluarea acțiunii zăpezii asupra construcțiilor, (*Ministerul Dezvoltării Regionale și Turismului*) 2012 (autor și coautor)
- Standardul *SR11100/1-93*, Macrozonarea seismică a României. *Institutul Român de Standardizare*, București, 1993 (coautor).

#### ***Articole publicate***

2015

- Neagu, C., Lungu, D., Arion, C. (2015). Major historical earthquakes in Romania and contemporary seismic risk management activities. 7th International Conference on Seismology and Earthquake Engineering, Teheran, Iran, 18-21 May 2015

2014

- Vacareanu, R., Demetriu, D., Lungu, D., Pavel, F., Arion, C., Iancovici, M., Aldea, A., C., Neagu, C. (2014). Empirical ground motion model for Vrancea intermediate-depth seismic source. *Earthquakes and Structures*, An International Journal, Volume 6, Number 2, pp 141-161, DOI: 10.12989/eas.2014.6.2.127

- Demetriu S., Vacareanu R., Lungu D., Pavel F., Arion C., Iancovici M., Aldea A., Neagu C., (2014). Ground motion prediction equations for Vrancea intermediate-depth earthquakes. In: Proceedings of the 9th International Conference on Structural Dynamics, EURODDN 2014, Porto, Portugal, 30 June - 2 July 2014, A. Cunha, E. Caetano, P. Ribeiro, G. Müller (eds.), ISSN: 2311-9020; ISBN: 978-972-752-165-4
- Vacareanu R., Lungu D., Aldea A., Demetriu S., Pavel F., Arion C., Iancovici M., Neagu C. (2014). Probabilistic seismic hazard assessment for Romania. Part III: Seismic Hazard Maps. In: Vacareanu R, Ionescu C (eds) Proceedings of the 5th National Conference on Earthquake Engineering & 1st National Conference on Earthquake Engineering and Seismology, CONSPRESS, Bucharest, pp. 229-236.
- Pavel, F., Văcăreanu, R., Lungu, D. (2014). Bi-normalized response spectra for various frequency content ground motions. *Journal of Earthquake Engineering*, 18(2): 264-289.

### 2013

- Pavel F., Lungu D., 2013. Correlations between frequency content indicators of strong ground motions and PGV. *Journal of Earthquake Engineering*, DOI:10.1080/13632469.2012.762957
- Vacareanu R., Lungu D., Aldea A., Arion C., Neagu C., Gaman F., Petrescu F., Aldea M. (2013). Expected direct seismic losses assessment using GIS. Case study for Iasi Municipality, Technical University of Civil Engineering Bucharest - Scientific Journal - Series: Mathematical Modeling in Civil Engineering, No. 3, 2013, ISSN 2066-6926, p. 12-18
- Vacareanu, R., Pavel, F., Lungu, D., Iancovici, M., Demetriu, S., Aldea, A., Arion, C., Neagu, C. (2013). Uniform hazard spectra for cities in Romania. Proceedings of the International Conference on Earthquake Engineering SE-50 EEE, Skopje, Macedonia, Paper no. 164.
- Vacareanu, R., Lungu, D., Marmureanu, G., Cioflan, C., Aldea, A., Arion, C., Neagu, C., Demetriu, S., Pavel, F. (2013). Statistics of seismicity for Vrancea subcrustal source. Proceedings of the Int. Conf. on Earthquake Engineering SE-50 EEE, Skopje, Macedonia, Paper no. 138.

### 2012

- Vacareanu, R., Lungu, D., Arion, C., (2012). Seismic fragility functions for masonry buildings in Romania. 15th World Conference of earthquake engineering, 24-28 September 2012, Lisbon, Portugal, paper 1969- e-poster
- Lungu D., Arion, C. (2012). Seismic Risk and/or Real Estate Risk for the Bucharest Heritage Buildings. 15th World Conference of earthquake engineering, 24-28 September 2012, Lisbon, Portugal. paper 1996- oral
- Pavel, F., Lungu, D. (2012). Frequency content indicators of strong ground motions, paper no. 2372. In 15th World Conference of Earthquake Engineering, 24-28 September 2012, Lisbon, Portugal. CD-ROM
- Lungu D, Arion C., 2012. Intervention Strategies, Chapter 5.. Volume 1 - Intervention strategies for the seismic protection of historical building heritage in the Mediteranian basin, 80 pages in Polimetrica International Scientific Publisher ISBN 978-88-7699-169-1.

### 2011

- Lungu D., 2011. O analiza statistica a structurii Planului National de Restaurare 2007-2010, *Transylvania Nostra*, Built Heritage, Year V, Issue 17, Febr. 2011, Cluj, p. 36-40.



- R. Vacareanu, A. Aldea, C. Arion, D. Lungu, V. Popa, E.S. Georgescu. National centre for the seismic risk reduction, *Bulletin of International Institute of Seismology and Earthquake Engineering, IISEE* Tsukuba, Japan, Vol 45, p.147-154, ISSN 0074-655X
- Lungu D., Arion, C., Aldea, A. Vacareanu, 2011. R. Seismic protection and prevention of the demolition of Bucharest heritage buildings. p. 190-208, Surveys and activities on Post-earthquake disaster: *UNESCO-IPRED-RIHS International Workshop*, Padang, Indonesia, 6 - 8 July 2010, UNESCO <http://unesdoc.unesco.org/images/0021/002138/213843E.pdf>
- Lungu D., Arion, C., Aldea A., Vacareanu V., Seismic risk versus real estate risk for the Bucharest heritage buildings, *TIEMS, The International Emergency Management Society, Brussels, Annual Conference* in Bucharest, Romania, 7 - 10 June, 2011, <http://www.tiems.info/tiems-events-2009/tiems-2010.html>
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*Prof. dr. ing. Dan Lungu*