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Experien profesional i managerial

- Profesor de Siguran a constructiilor, *Universitatea Tehnica de Construc ii Bucure ti*, 1991-2011; Conferen iar, Lector, Asistent, *UTCB*, 1969-1991
- Conduc tor de doctorat în domeniul Inginerie civila, specializarea Siguran a constructiilor i Inginerie seismic , *Universitatea Tehnica de Construc ii Bucure ti*, *UTCB*, 1991 – prezent
- Diplom de doctor, *Institutul de Construc ii Bucure ti*, *ICB* (azi *UTCB*), 1978
- Director, Departamentul de Inginerie Civil , *Universitatea Tehnic de Construc ii Bucure ti*, *UTCB*, 1997 – 2001
- Director, Centrul de cercetare “*Siguran a structurilor la ac iuni din hazard natural*“ la *UTCB* 2003- 2011, Ministerul Educatiei si Cercetarii, Consiliul National al Cercetarii Stiintifice din Invatamantul Superior, CNCSIS
- Expert tehnic atestat, Rezisten a i stabilitatea construc iilor cu structuri din beton, zid rie, metal, lemn (A1 si A2), *Ministerul Transporturilor, Constructiilor si Turismului, MTCT*, 2005
- Diplom de inginer, *Universitatea Tehnica de Construc ii Bucure ti*, *UTCB*, 1967
- Inginer proiectant, *Institutul Proiect Bucure ti*, 1967-1969
- Director general, *Institutul Na ional al Monumentelor Istorice, INMI*, 2006 – 2009
- Director general adjunct, *Institutul Na ional al Patrimoniului, INP*, 2009 – 2010
- Director general, *Institutul Na ional de Cercetare-Dezvoltare in Construc ii si Economia Construc iilor, 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 European* 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 *UTCBS, 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), CEEEX, Programul MENER ANCS, MEC, (2006-2009).
- *Japan International Cooperation Agency*, Reducerea riscului seismic pentru construcții și structuri în România, la *UTCBS, Universitatea Tehnică de Construcții București* (1998-2002) *MLPTL, Ministerul Lucrărilor Publice, Transporturilor și Locuinței și INCERC* (2002-2006).
- Consultanță seismică pentru Proiectul *Bancii 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 Construc ii Bucure ti*, *UTCB*, 1995-1998. (Responsabil proiect pentru Eurocodurile EC1- Basis of design i EC8 – Seismic action)

C r i 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, Bucure ti, 2007, 148 p, (R. V c reanu, A. Aldea, D. Lungu)
- *Cl diri amplasate în zone cu mi c ri seismice puternice* ISBN, 973-8391-040 / Orizonturi Universitare / Timi oara, 2003, 479p, (autor si coordonator)
- *Advanced Structural Analysis*, Conspress, Universitatea Tehnica de Construc ii Bucure ti, *UTCB*, 2000. 177p. (D. Lungu, R. Vacareanu, A. Aldea, C. Arion)
- *Metode probabilistice in calculul construc iilor*. Editura Tehnica Bucure ti, 1983, 443 p. (D. Lungu & D. Ghiocel)
- *Siguran a structurilor*. Universitatea Tehnica de Construc ii Bucure ti, *UTCB*, 683 p, 1973, (D. Ghiocel & D. Lungu).
- Actiunea vântului, z pezii i varia iilor de temperatur în construc ii. Editura Tehnic , Bucure ti 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

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- *România, Patrimoine Mondial/World Heritage. Patrimoine Saxone de Transylvanie/Saxon Heritage in Transylvania*, Institutul Na ional al Patrimoniului, 122p. Bucure ti, 2010 (coordonarea general D. Lungu, T. Sinigalia)
- *România, Patrimoine Mondial/World Heritage*, Institutul Na ional al Monumentelor Istorice, 402 p., Bucure ti, 2007 (coordonarea general 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 Asocia ii profesionale

- Delegat na ional al României la *World Association of Earthquake Engineering, WCEE*, 2004 – 2012
- Membru in *AFPS, Asocia ia Franceza de Inginerie Seismica*, Paris, 1994-prezent
- Vicepre edinte *AICR, Asocia ia Inginerilor Constructori din România*, 1997-prezent
- Vicepre edinte *ARIS, Asocia ia Romana de Inginerie Seismica*, 2001-prezent
- Membru în *AICPS, Asocia ia Inginerilor Proiectan i de Structuri*, 2006 - prezent

Membru în comitetul editorial

- Comitetul editorial, *Journal of Earthquake Engineering*, Imperial College Press, London, UK, 1997-2003 (membru)
- Colegiul de redactie, *Revista Monumentelor Istorice* (presedintele Colegiului) i *Buletinul Comisiei Monumentelor Istorice, Institutul Na ional al Monumentelor Istorice*, 2007 – 2010

Comisii de specialitate

- Pre edintele *Comisiei de Inginerie Civil a Consiliului Na ional de Atestare a Titlurilor, Diplomelor i Certificatelor Universitare*, Ministerul Educa iei i Cercet rii 2006 – 2011
- Membru în *Comisia Preziden ial pentru patrimoniul construit, siturile istorice i naturale*, Mai 2008 – 2010.
- Membru în *Comisia Na ional a României pentru UNESCO*, subcomisia tiin – Cercetare, 2008 – 2011
- Pre edinte al *Comisiei 7, Transporturi, Construc ii, Amenajarea teritoriului i Materiale de construc ii*; Colegiul Consultativ al Agen iei Na ionale pentru Cercetare, Dezvoltare, Educa iei i Cercet rii, 2002 – 2006
- Membru in Biroul Permanent al *Comisiei Inginerie Civil a Consiliului Na ional de Atestare a Titlurilor, Diplomelor i Certificatelor Universitare*, Ministerul Educa iei i Cercet rii 2011-2012.
- Membru în *Comisia Na ional a Monumentelor Istorice*, Ministerul Culturii i Cultelor, 2006 - 2011
- Membru în *Comitetul Director al Asocia iei Romane a Antreprenorilor in Constructii ARACO*, 2004 - 2007
- Membru in *Comisia pentru Reducerea Riscului Seismic* la Ministerul Dezvoltarii Regionale si Turismului, 1997-prezent

Conferin e invitate

- Professor invitat, *University of Genova*, Conferin a: 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: 25th 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 *304th meeting of the German Reactor Safety Commission & 63rd 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., Protectia 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 Științelor și Tehnicilor 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, *XIth 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" - *5th 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 *fr Șfârșit* 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 f r Sfârșit de Constantin lui Brâncuși*, Tg. Jiu, (2000) și 2004
- Consolidarea *Clădirii principale a Facultății de Medicină* din București, 1977
- Proiectarea Clădirii Sălții 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 Cernavodă
- Comisii de evaluare a siguranței seismice și soluțiilor 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

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

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>
- Vacareanu R., A. Aldea, C, Arion, D. Lungu, 2011. National centre for seismic risk reduction and *Japan International Cooperation Agency Technical Cooperation Project* in Romania. *TIEMS, The International Emergency Management Society, Brussels, Annual Conference* in Bucharest, Romania 7th - 10th June 2011.
- A. Aldea, D. Lungu, Vacareanu R., C, Arion, 2011. Need for regional harmonization of Vrancea seismic hazard. *TIEMS, The International Emergency Management Society, Brussels, Annual Conference* in Bucharest, Romania 7th - 10th June 2011.
- R. Vacareanu, D. Lungu, A. Aldea, C. Arion, C. Neagu, F. Gaman, F. Petrescu, M.Aldea Evaluarea pierderilor seismice directe asteptate utilizand SIG. Studiu de caz pentru municipiul Iasi. Conferinta nationala Ingineria Cladirilor, UTCB, 29-30septembrie 2011, <http://civile.utcb.ro/cic/>

2010

- Lungu D., R. Vacareanu, S. Demetriu, C. Arion, A. Aldea. Statistics of the maximum annual wind load in Romania, *Recent advances in research on environmental effects on buildings and people*, Proceedings of *6th International Symposium on Environmental Effects on Buildings and People: Actions, Influences, Interactions, Discomfort*. A.Flaga, T. Lipecki editors, Cracow: Polish Association for Wind Engineering, 2010 + CD-ROM, p.47-55.
- Lungu D., S. Demetriu, A. Aldea, C. Arion, R. Vacareanu. Statistics of the maximum annual snow load in Romania, *Recent advances in research on environmental effects on buildings and people*, Proceedings of *6th International Symposium on Environmental Effects on Buildings and People: Actions, Influences, Interactions, Discomfort*. A.Flaga, T. Lipecki editors, Cracow: Polish Association for Wind Engineering, 2010 + CD-ROM, p.312-319
- Lungu D. Protectia patrimoniului construit din zone protejate situate in Bucuresti, în *Monumentul XI. Lucr rile celei de-a XI-a edi ii (2009) a Simpozionului Na ional Monumental – Tradi ie i Viitor, Ia i*, 2010, Vol 2, p. 533-541, ISSN 1844-9042.

- Lungu D., Craifaleanu I., Seismic assessment and retrofitting of existing structures in Romania, *Safety and Reliability of Industrial Products, Systems and Structures* Edited by C. Guedes Soares, CRC Press 2010, p 245–259, Print ISBN: 978-0-415-66392-2, eBook ISBN: 978-0-203-81865-7

2009

- Zaicenco A., Craifaleanu I.-G., Lungu D., I. Paskaleva, G. Ozcebe, Harmonization of seismic hazard and risk reduction in the Vrancea zone: *Scientific results of a NATO research project, Constructii*, nr. 2 / 2009. p. 35-51, ISSN 1221 - 2709
- Lungu D, Aldea, A. Arion C. Seismic protection & protection against demolition of Bucharest heritage building. *Protection of Historical Buildings, PROHITECH 09, 2009 Taylor and Francis Group, London*, p. 1311-1320. ISBN 978-0-415-55803-7.
- Arion, C., Lungu D., Calarasu E., Neagu,C., Geotechnical in situ investigation used for seismic design of buildings in Romania, *Proceeding of IS-Tokyo 2009, International Conference on Performance-Based Design in Earthquake Geotechnical engineering – from Case History to Practice*, published by CRC Press, Balkema, ISBN 978-0-415-55614-9, p. 1293-1301, 2009
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