

Candidat la abilitare: Iolanda-Gabriela CRAIFALEANU

**LISTA DE LUCRĂRI CONSIDERATE DE CANDIDAT
A FI CELE MAI RELEVANTE**

- A. **Craifaleanu, I. G.** (2011). *Investigation of the frequency content of ground motions recorded during strong Vrancea earthquakes, based on deterministic and stochastic indices*. In: G. De Roeck, G. Degrande, G. Lombaert, G. Müller (Eds.), Proceedings of the Eighth International Conference on Structural Dynamics, EURO DYN 2011, Leuven, Belgium, July 4-6, pp. 2893-2898, Paper No. MS16-832, ISBN 978-90-760-1931-4, ISSN 2311-9020. [WOS:000366660802134](#).
- B. **Craifaleanu, I. G.** (2013). *Standardized Multi-Apartment Blocks Built in Romania before 1990: Seismic Design Levels vs. Earthquake Performance*. Structural Engineering International, Vol. 23, No. 4, November 2013, pp. 519-527. ISSN 1016-8664, DOI: 10.2749/101686613X13768348399593, [WOS:000326416600019](#).
- C. **Craifaleanu, I. G.**, Lungu, D. (2008). *An Assessment of Damage Potential and Building Performance Demands for Romanian Vrancea Earthquakes*, In: Zaicenco, A., Craifaleanu, I., Paskaleva, I. (Eds.), Harmonization of Seismic Hazard in Vrancea Zone, with Special Emphasis on Seismic Risk Reduction, p. 275-286. Proceedings of the NATO Science for Peace Project on Harmonization of Seismic Hazard and Risk Reduction in Countries Influenced by Vrancea Earthquakes, Chişinău, Republic of Moldova, May 20, 2008. NATO Science for Peace and Security, Series C: Environmental Security. Springer (published in cooperation with NATO Public Diplomacy Division), Dordrecht, the Netherlands. DOI: 10.1007/978-1-4020-9242-8, ISSN 1871-4668, ISBN 978-1-4020-9240-4. [WOS:000263680600016](#).
- D. **Craifaleanu, I. G.**, Borcia, I. S., Prăun, I. C. (2011). *Strong-Motion Networks in Romania and Their Efficient Use in the Structural Engineering Applications*. Chapter 17 in: Earthquake Data in Engineering Seismology. Predictive Models, Data Management and Networks, S. Akkar, P. Gülkan, & T. van Eck (Eds.), Springer, 275 p., pp. 247-259. DOI: 10.1007/978-94-007-0152-6_17. [WOS: 000286948900017](#).
- E. **Craifaleanu, I. G.** (2013). *Strength Reduction Factors: A Unified Analytic Expression for Narrowband and Broadband Ground Motion Records*. The XIIth International Symposium "Acoustics and Vibration of Mechanical Structures", Timişoara, Romania, May 23-24, 2013. In: N. Herişanu and V. Marinca (Eds.), Applied Mechanics and Materials, Vol. 430, pp. 367-371, Trans Tech Publications, Switzerland. ISSN 1660-9336, DOI: 10.4028/www.scientific.net/AMM.430.367, [WOS:000335880800059](#).
- F. Lungu, D., **Craifaleanu, I. G.** (2010). *Seismic assessment and retrofitting of existing structures in Romania: Background, programs, regulatory basis*. Chapter 21 in: Safety and Reliability of Industrial Products, Systems and Structures. C. Guedes Soares (Ed.), CRC Press, Taylor & Francis Group, 472 p., p. 245-259. DOI: 10.1201/b10572-27, [WOS: 000287169700022](#).
- G. **Craifaleanu I.-G.** (2005). *Modele neliniare cu un grad de libertate în ingineria seismică*, Matrix Rom, Bucharest, 179 p., ISBN 973-685-941-X.
- H. **Craifaleanu, I.-G.**, Lungu, D., Văcăreanu, R., Anicăi, O., Aldea, A., Arion, C. (2008). *Software Platform for the Assessment of Seismic Risk in Romania Based on the Use of GIS*

Technologies. Proceedings of the 14th World Conference on Earthquake Engineering, Oct. 12-17, Beijing, China, Paper No. 09-01-0165 (on CD-ROM). Paper version: Mira Digital Publishing, St. Louis, Missouri, USA, 2008.

- I. Georgescu E.-S., Gociman C. O., **Craifaleanu I.-G.**, Georgescu M. S., Moscu C. I., Dragomir C. S., Dobre D. (2016). *Multi-Hazard Scenarios and Impact Mapping for a Protected Built Area in Bucharest, as a Base for Emergency Planning*. Proceedings of the Second International conference on Dynamics of Disasters, DoD 2015, June 29 – July 2, 2015, Kalamata, Greece. In: Kotsireas, I. S., Nagurney, A., Pardalos, P. M. (Eds.), *Dynamics of Disasters—Key Concepts, Models, Algorithms, and Insights*. Springer Proceedings in Mathematics & Statistics, Vol. 185, p. 57-70. ISSN 2194-1009, ISBN 978-3-319-43707-1, DOI: 10.1007/978-3-319-43709-5.