The paper entitled "New Approaches to Modelling of Local Seismic Amplification Susceptibility Using Direct Characteristics of Influencing Criteria: Case Study of Bam City, Iran" is a good and interesting research, based on a new model in evaluating local seismic amplification susceptibility by considering direct characteristics of influencing criteria and it deals with uncertainty of modelling through production of fuzzy membership functions for each criterion.

- The paper can be published after some corrections.

- Page 2: Expand the part related to seismic microzonation studies considering the following paper:

-- Castelli F., Cavallaro A., Grasso S. and Lentini V., (2016): "Seismic Microzoning from Synthetic Ground Motion Earthquake Scenarios Parameters: the Case Study of the City of Catania (Italy)"; *Soil Dynamics and Earthquake Engineering*, Vol. 88, 2016, pag. 307 - 327. (ISSN: 0267-7261) DOI**:** 10.1016/j.soildyn.2016.07.010.

-- Castelli F., Cavallaro A., Grasso S. and Ferraro A., (2016): "In Situ and Laboratory Tests for Site Response Analysis in the Ancient City of Noto (Italy)"; *Proceedings of the 1st IMEKO TC4 International Workshop on Metrology for Geotechnics*, Benevento, 17 - 18 March 2016, pag. 85 - 90. (ISBN: 978-92-990075-0-1).

- Page 2: In the list of earthquakes, insert also the one of L'Aquila considering the following paper:

-- Monaco P., Totani G., Barla G., Cavallaro A., Costanzo A., D'Onofrio A., Evangelista L., Foti S., Grasso S., Lanzo G., Madiai C., Maraschini M., Marchetti S., Maugeri M., Pagliaroli A., Pallara O., Penna A., Saccenti A., Santucci de Magistris F., Scasserra G., Silvestri F., Simonelli A. L., Simoni G., Tommasi P., Vannucchi G. and Verrucci L. (2012): "Geotechnical Aspect of the L'Aquila Earthquake"; *Proceedings of the 17th International Conference on Soil Mechanics and Geotechnical Engineering*, Alexandria, 2 - 3 October 2009, in Alexandria, Egypt. (Invited Lecture). Editors M. Sakr & A. Ansal. © 2009 TC4 Earthquake Geotechnical Engineering Conference, Special Topics in Advances in Earthquake Geotechnical Engineering, Geotechnical, Geological and Earthquake Engineering 16. (ISBN: 978-940072059-6; EISSN: 18724671; ISSN: 15736059) DOI: 10.1007/978-94-007-2060-2_1, © Springer Science+Business Media B.V. 2012, 51 p.

-- Capilleri P., Cavallaro A. and Maugeri M., (2014): "Static and Dynamic Characterization of Soils at Roio Piano (AQ)"; *Italian Geotechnical Journal*, Vol. XLVIII, N°. 2, Aprile - Giugno 2014, Patron Editore, pag. 38 - 52. (ISSN: 0557-1405).

- Page 3: "behid" is perhaps "behind".

- Page 9: "descried" is perhaps "described".

- Page 7 and 18: The reference "Aucelli et al., 2018" is absent in the References.

- Page 11: Expand the part related to liquefaction considering the following paper:

-- Cavallaro A., Capilleri P. and Grasso S., (2018): "Site Characterization by in Situ and Laboratory Tests for Liquefaction Potential Evaluation during Emilia Romagna Earthquake"; Geosciences, Special Issue: "Site-Specific Seismic Hazard Analysis: New Perspectives, Open Issues and Challenges", Geosciences 2018, 8(7), 242, pp. 1 - 15. (ISSN: 2076-3263) DOI:10.3390/geosciences8070242.

- Page 11: “Geological Survey of Iran (GSI)” is better “Geological Survey of Iran (GSI), 1993”.

- Page 12: Expand the part related to 2d numerical analysis considering the following paper:

-- Cavallaro A., Ferraro A., Grasso S. and Maugeri M., (2008): "Site Response Analysis of the Monte Po Hill in the City of Catania"; *Proceedings of the 2008 Seismic Engineering International Conference Commemorating the 1908 Messina and Reggio Calabria Earthquake MERCEA'08*, Reggio Calabria and Messina, 8 - 11 July 2008, pag. 240 - 251. (ISBN: 978-0-7354-0542-4/08; EISSN: 15517616; ISSN: 0094-243X), DOI: 10.1063/1.2963841. *AIP Conference Proceedings*, Volume 1020, Issue PART 1, 2008, pag. 583 - 594. (ISSN: 0094243X).

-- Cavallaro A., Ferraro A., Grasso S. and Maugeri M., (2012): "Topographic Effects of the Monte Po Hill in Catania"; *Soil Dynamics and Earthquake Engineering*, Vol. 43, December 2012, pag. 97 - 113. (ISSN: 0267-7261) DOI**:** 10.1016/j.soildyn.2012.07.022.

- Page 14 and 17: The reference “National Cartographic Center (NCC), 2003” is absent in the References.

- The reference “Fath et al., 1997” is repeated twice.