



9. References

- [1] Delmonaco G, Margottini C, Spizzichino D (2006): ARMONIA methodology for multi-risk assessment and the harmonisation of different natural risk maps. *Deliverable 3.1. 1, ARMONIA*.
- [2] Marasco S, Noori AZ, Cimellaro GP (2017): Cascading Hazard Analysis of a Hospital Building. *Journal of Structural Engineering, ASCE*, **143**(9), 04017100.
- [3] Barbato M, Petrini F, Unnikrishnan VU, Ciampoli M (2013): Performance-based hurricane engineering (PBHE) framework. *Structural Safety*, **45**, 24-35.
- [4] Asprone D, Jalayer F, Prota A, Manfredi G (2010): Proposal of a probabilistic model for multi-hazard risk assessment of structures in seismic zones subjected to blast for the limit state of collapse. *Structural Safety*, **32**(1), 25-34.
- [5] Fabbrocino G, Iervolino I, Orlando F, Salzano E (2005): Quantitative risk analysis of oil storage facilities in seismic areas. *Journal of hazardous materials*, **123**(1-3), 61-69.
- [6] Cimellaro GP, Malavisi M, Mahin S (2017): Using Discrete Event Simulation Models to Evaluate Resilience of an Emergency Department. *Journal of Earthquake Engineering*, **21**(2), 203-226.
- [7] Cimellaro GP, Malavisi M, Mahin S (2018): Factor analysis to evaluate hospital resilience. *ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering*, **4**(1), March 2018
- [8] Boore DM, Atkinson GM (2008): Ground-motion prediction equations for the average horizontal component of PGA, PGV, and 5%-damped PSA at spectral periods between 0.01 s and 10.0 s. *Earthquake Spectra*, **24**(1), 99-138.
- [9] Cimellaro GP, Marasco S (2015): A computer-based environment for processing and selection of seismic ground motion records: OPENSIGNAL. *Frontiers in Built Environment*, **1**, 17.
- [10] Porter K, Kennedy R, Bachman R (2006): Developing fragility functions for building components for ATC-58. *A Report to ATC-58. Applied Technology Council, Redwood City, CA, US*.
- [11] Code UB (1997): UBC-97, in *Structural engineering design provisions. International conference of building officials, Whittier, California*.
- [12] Allen E (2015): Deepwater facility integrity management: a state-of-the-art review, in *SPE/IATMI Asia Pacific Oil & Gas Conference and Exhibition*. Society of Petroleum Engineers.
- [13] Higham DJ, Higham NJ (2016): *MATLAB guide*. SIAM.
- [14] SAP C (2007): Integrated software for structural analysis & design. *Computer and Structures. Inc. Berkeley*.
- [15] Prestandard F (2000): commentary for the seismic rehabilitation of buildings (FEMA356). *Washington, DC: Federal Emergency Management Agency*, **7**.
- [16] Army USDot (1991): *Structures to resist the effects of accidental explosions*. Vol. 88. Departments of the Army, Navy, and Air Force.
- [17] Sutton S, McCauley E (1975): Assessment of hazards resulting from atmospheric propane explosions at LLL. California Univ., Livermore (USA). Lawrence Livermore Lab.
- [18] Formichi P (2008): EN 1991–Eurocode 1: Actions on structures Part 1-3 General actions–Snow Loads, in *presentation at Workshop “Eurocodes. Background and Applications*. pp. 18-20.
- [19] Lie TT (1974): Characteristic temperature curves for various fire severities. *Fire Technology*, **10**(4), 315-326.
- [20] Cimellaro GP, Renschler C, Reinhorn AM, Arendt L (2016): PEOPLES: a framework for evaluating resilience. *Journal of Structural Engineering, ASCE*, **142**(10), 1-13 DOI: 10.1061/(ASCE)ST.1943-541X.0001514.