

ANNEX A: DISAGGREGATION OF HAZARD AT THE EUROSEISTEST.

The disaggregation for TST site on rock, at Euroseistest, using AA14 GMPE is delivered at 5000 years return period, for three different spectral periods (PGA, 0.2s and 1.0s, Figure A1). Magnitudes in the interval 6.0 to 7.0 bring the largest contribution to the hazard, at hypocentral distances lower than 20km. This information is useful in the site-specific approaches that make use of controlling earthquake scenarios (Vs- κ Correction).

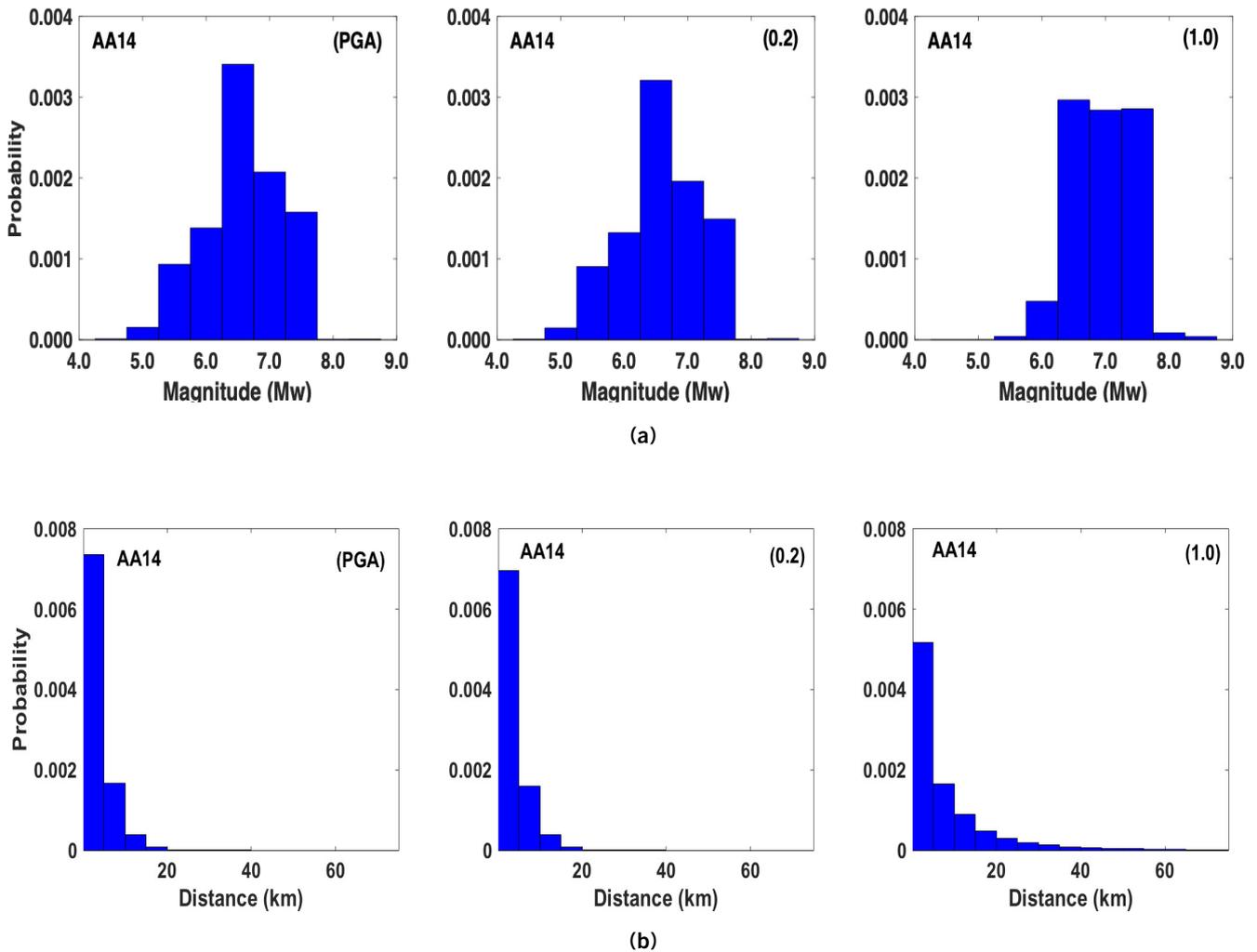


Figure A1– Disaggregation of hazard on rock, at 5,000 years return period, at the Euroseistest site for three spectral periods (PGA, 0.2s and 1.0s) (a) Disaggregation in magnitude; (b) disaggregation in hypocentral distance.