

Strong Motion Observation in Metro Manila, the Philippines

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A strong motion network was constructed in Metro Manila, the Philippines, with deploying 6 sites with different geological conditions. One of the sites is located at a foot of Sierra Madre mountains. The others are in Marikina plain, central plateau, coastal plain. Ground velocity observed at a site in the central plateau during a moderate earthquake is rich in long-period motion, because of deep sediments with thickness of 1.5 km.