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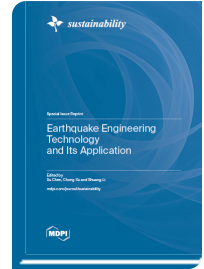
Special Issue Reprint

Earthquake Engineering Technology and Its Application

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Recent earthquakes, such as the Osaka–Kobe earthquake (1995) and the Wenchuan earthquake (2008), have challenged earthquake engineering and its application. This Special Issue focuses on current developments in earthquake engineering, including ground motion characteristics, soil and foundation dynamics, wave propagation, the behavior of structures, methods for earthquake resilience, and the retrofit of structures that are germane to practicing engineers. In this Special Issue, we have 20 studies that improve the understanding of earthquake engineering from theory to application. This combination of both modeling and validation will strengthen our understanding of the impact that earthquakes have on foundations and structures and will help to improve the safety of inhabitants.



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