



Assessing the vulnerability and the resilience of campus for disaster management in response to climate change

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In the face of major natural disasters or emergency events, schools in Taiwan often play an important role. In addition to their usual education and propaganda, part of schools will also provide temporary shelters for residents. However, the school is not a completely closed environment, the campus may also be affected by the community disaster. It is necessary to adjust the direction that how to re-quantify or determine individual schools in the community from the vulnerability and disaster resilience; and then understand the different regions (urban and rural areas, counties, mountains, etc.) of the resilience characteristics, resilience of the spatial distribution characteristics. This research is expected to make use of appropriate multi-criteria analysis methods to assess the performance of the schools in different areas (urban and rural areas, counties and cities) in recent years for the implementation of the various stages of disaster management, personnel interviews, data collection and aggregation analysis Indicators or factors and GIS spatial analysis of the way the school disaster relief energy, vulnerability and disaster resilience, and provided to the county government disaster prevention unit as a pre-disaster phase - disaster preparedness planning reference.