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The erosion process of the badlands topography in the South-West Taiwan

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Plio-Pleistocene mudstone in the southwestern Taiwan is weathered quickly and is eroded, forming badlands and causing many problems on environments and engineering construction. In order to elucidate the mechanisms of weathering and rapid erosion, we investigated 1) topographic features, 2) erosion rate, and 3) the changes of physical properties, mineralogy, and chemistry of rocks in the near surface from the depths of slopes.