

以社區為基礎的生態監測和環境教育：以石門水庫集水區為例

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摘要

The Shimen Reservoir Watershed environmental education (EE) plan were school and community watershed monitoring program that links community-based monitoring in 3 streams by student and residents with the rigor of a science-based rapid appraisal approach to ecological monitoring in 2009-2012. The program provides teachers and residents with instruction on methods of water quality analysis, riparian habitat evaluation, and EE planning. There were two-group study was designed to explore the survey data difference between professionals (group A) and residents (group B). The results show that to compare results of appraisals made by different evaluators at the same site over time. The range in variation values was small, indicating that different sets of group obtained similar results. However, this may suggest some benefit of continuing education and training. Integrating standard operating procedures (SOP) for EE was greatly needed.

關鍵字：environmental education, indicator, community empowerment