

水土資源永續利用之前瞻發展策略研究

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摘要 水土資源與生態環境、民生用水甚至能源利用息息相關，未來人口的成長將使水土資源需求增加，但氣候變遷與環境劣化影響水土資源供給，國際將面臨嚴重的水土資源利用問題。臺灣為一海島型國家，在極端氣候下所遭遇之水土資源問題尤其嚴重，因此本文以「水土資源永續利用」之議題，進行水土研究資源現況盤點，以瞭解臺灣所面臨之問題，應用前瞻策略規劃工具進行質性與量性分析，研擬臺灣未來水土資源永續利用業務發展策略，此研究透過不同利害關係人之橫向資訊交流，可促使理想性的前瞻議題更趨向政策可行性，並可作為水保及地礦署新政策研擬之參據。

關鍵詞：氣候變遷、策略規劃、焦點團體。

Research on the Foresight Strategic Planning of the Use of Water and Land Resource

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ABSTRACT Water and land resources is close related to ecological environment, water supply and energy utilization. The growth of future population will increase the demand while climate change and environment deterioration reduce the supply of the water and land resources. The world is facing a serious problem of the use of water and land resources. As an island country, under extreme weather condition, Taiwan is encountering more severe water and land resources problems. Therefore, this article titled with the issue of “The sustainable use of water and land resources” to process the audit of current use of water and land resources to find out the problems that Taiwan faces. Foresight strategic planning tool is applied to do qualitative and quantitative analysis to formulate development strategies of the future use of water and land resources of Taiwan. This study utilized the horizontal communication among stakeholders which promote ideal foresight issues more policy feasible that can be the implications for policy formulation for the department of soil and water conservation, geology and minerals.

Key Words : climate change, strategic planning, focus group.

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