

Natural Resources Management and Environment Based Traditional Ecological Knowledge (TEK)

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ABSTRACT

Sustainability of social-ecological systems are now being threatened by the rapid economic development that tend to be oriented and uncontrollable. Needed an alternative management practices not only provide economic benefits, but also cultural-ecological dimension as those in natural resource management practices and environmental Traditional-based Ecological Knowledge (TEK). TEK is considered to have a different approach with western science in understanding the interconnections of social-ecological systems and in many cases have shown the harmony between ecological and social systems that tend to be more sustainable and adaptive. Yet in spite of this, the existence of TEK has now waned even lost either because replaced by conventional management practices as well as the absence of efforts to preserve it. Therefore we need a systematic and sustained effort to inventory and analyze the usability of TEK, and TEK elaborate ideas and concepts into practice natural resource management and the environment that have been practiced to be more sustainable. Therefore, we need a systematic and sustained effort to inventory and analyze the usefulness of TEK and TEK elaborating new ideas and practices into the management of natural resources and environment have to be more sustainable.

Keywords: management of natural resources and the environment, traditional ecological knowledge, social-ecological systems