

Aumphorn Jindarat 2009: Management Evaluation of Bueng Chawak Non-hunting Area. Master of Science (Parks, Recreation, and Tourism), Major Field: Parks, Recreation, and Tourism, Department of Conservation. Thesis Advisor: Assistant Professor Noppawan Tanakanjana Phongkhieo, Ph.D. 168 pages.

The objectives of this study were to develop indicators for the evaluation of efficiency and effectiveness of non-hunting area and to apply those indicators to evaluate the management of Bueng Chawak Non-hunting Area. The developed indicators were based on management objectives of non-hunting area in Thailand and at international level. Fifty-one academia and practitioners participated in the evaluation of indicator's appropriateness. 5-point rating scale, ranging from 1 as least appropriate to 5 as most appropriate, was used in the evaluation and weighting score equation was employed in the management evaluation of Bueng Chawak.

The study concluded with 30 management indicators. Nineteen indicators or 63.33% of all indicators was found highly appropriated and 11 indicators or 36.67% was moderately appropriated. The evaluation found that the management objective in eliminating and protecting of land from encroachment and/or others used that harmful to the establishment of non-hunting area had the highest evaluation score of 1.61 from the highest possible score of 2.22. The management objectives that had moderated evaluation scores were the objective that related to protection of habitat species and ecosystem or dominant features of environment and management of wildlife (evaluation score = 1.74), the objective that related to facilitating research and environmental monitoring (evaluation score = 1.50), the objective that related to development of area for study and enjoyment (evaluation score = 2.40) and the objective that related to land uses of local people (evaluation score = 2.98). The evaluation found that the overall management of Bueng Chawak Non-hunting Area was at moderate level with the evaluation score of 2.19 from the highest score possible of 3.48. The management efficiency score was 1.28 and the management effectiveness score was 2.56.

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Thesis Advisor's signature