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Planning Framework For The Sustainable Management Of Wetland: A Case Of Ashtamudi Lake

Wetlands are fragile eco system. They are the interface between terrestrial and aquatic ecosystem having either permanently or seasonally and support feature of flora and fauna. Considering the ecological importance of wetlands in maintaining the stability of nature and survival of human and their economic stability there must need more attention to the conservation and management of wetlands. Despite the implementation of conservation and management of wetland there are still some gaps in proper maintenance, management, policy & legal framework, coordination among stakeholder & involvement of locals. The study aims to determine the effect of anthropogenic intervention in the wetland system and existing legal framework and management activities of wetland by considering the case of Ashtamudi.

Based on a review of the literature on wetland values, function and legal framework of wetland management and analysis a case of Ashtamudi wetland through literature study and recognition study identify the issues and mapping the major issues. Also conduct the case studies of national and international best practices of wetland management to understand the policy and strategy taken. Analysis shows that the wetland is mainly affected by the settlement and edge character along the lake region, impact due to urbanization, livelihood activities, and water quality. The result indicates that the lack of proper maintenance and management of existing regulation and legal framework of the wetland system. And also determine the need of coordination among stakeholder and involvement of local community. The further research needed to focus on sound wetland management plan with proper planning design and guidelines.

Keywords: - *Wetland, issues and potential, Ashtamudi, livelihood, policy, legal framework*