

Theme 5: Conservation, restoration and management of ecosystem

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CONSERVATION STATUS OF KANJLI WETLAND, KAPURTHALA, PUNJAB

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Social Impact Assessment of local communities on wetland. To assess the quality of wetland ecosystem to suggest mitigatory measures if wetland is deteriorating.

Methodology: - Sampling was done at two levels; At village level: Questionnaire survey to know Socio-economic status of people .Resource use pattern -Their attitude towards the conservation of the wetland - at forest level -Transects were laid out to know:- Flora & Fauna. Human Impact Assessment Results:- Communities living around the wetland are socio- economically well. Their dependence on wetland resources is minimal. Major anthropogenic pressure on Kanjli wetland is on the land under wetland reserve, because of the agrarian community around wetland. People are not involved in the management or any conservation effort for wetland but have got positive approach towards wetland conservation or any other conservation related activity. Weed species form the major ground cover along wetland which is a threat to the natural wetland ecosystem. Minimal cases of cutting or lopping of trees by humans were recorded. No migratory bird sighting. Pesticide load is exceeding whereas Lead and Zinc levels have fallen significantly in comparison to previous years. BOD & DO has also fallen down significantly.