

QUESTIONNAIRE FOR ASSESSMENT OF WETLANDS IN ND

General details (Date: Time :)

- | | | |
|---|------------------------|---------------------------------------|
| 1. Respondent Name: | Age: | Occupation: |
| 2. Name of the Wetland: | | |
| 3. Latitude: | Longitude: | |
| 4. Lake Type: | Man made (Reservoir) : | |
| 5. Wetland Approximate area: | | Depth: |
| 6. Nearest Identifying landmark: | | |
| 7. Proximity to the nearest Wetland (name): | | Distance: |
| 8. Number of roads nearby: | | Roads passing through the wetland: |
| 9. Water source (inflow): | Rainfall Runoff | River Drain Wastewater drain: |
| 10. Water level changes (annual). | Meters | Color: |
| 11. Lake dried out completely? | Every year | Occasionally Rarely |
| 12. Watershed Area, sq km: | | |
| 13. Total Human Population | | |
| 14. Animal population: | | |
| 15. Has Sewerage been provided? | | |
| 16. Solid waste disposal in lake (incl. Religious offerings/idol immersion, etc.) | | |
| 17. Describe any special features | | |

Land Use for-Agriculture

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|---------------------------------------|---|
| 1. Type of Agriculture: | Annual/ seasonal |
| 2. Machinery used in agriculture: | |
| 3. Frequency of agriculture: | 3 months,6 months, 9 months, Yearly |
| 4. Power lines: | Telephone cables: |
| 5. Natural Drainage into the wetland: | Natural Drainage out of the wetland: |
| 6. Old housing colonies: | New accommodation (High Rise buildings): |
| 7. Hutments: | Market: Garden: |
| 8. Government Office setups: | Private Offices: |
| 9. Type and Industrial Activity: | Chemical / Dye / Pharmaceutical / Mechanical / Textile / others |

Human induced activities

Grazing/ Fire/ Release of Sewage/Release of effluents/Garbage/ Disposal of religious waste
/Construction material/ Domestic animals waste/Washing of vehicles/Surroundings used as toilets

Education Intuitions

Schools Colleges Polytechnic Other institutes

Biodiversity (Number of species if known)

Vegetation around the lake: Present / Absent

Trees Native / Exotic Herbs Native / Exotic Shrubs: Native / Exotic

Creepers: Native / Exotic Weeds: Native / Exotic

Aquatic vegetation: Submerged/ Emergent/Free floating/Algae

Remarks on the Vegetation in the lake: Old trees / New plantation / Recent cutting / Old cut wood

Fauna in the lake

1. Small invertebrates (Mollusks, Insects, Spiders, etc.):
2. Amphibians:

3. Reptiles:
4. Fish:
5. Birds:
6. Mammals:
7. (Name important/rare/endemic/exotic species)

Water quality and pollution status

1. Sources : Domestic sewage, Industrial Effluents, Storm water, Agriculture runoff, Inlake human activity, Cattle wading, other.
2. Pollution Level: Very High/Moderately high/Medium/Low/Negligible
3. Pollution status: Oligotrophic/ Mesotrophic/Eutrophic/ Toxic pollution
4. Visual: Clean / Looks clean but smells / Appears Polluted

Social/cultural issues

1. Aesthetic value:
2. Recreational value:
3. Education and Awareness:
4. Religious aspects:
5. Cultural attribute:
6. Tourism potential:
7. Livelihood dependence:
8. Urban value:
9. Public status:

Functions and values

1. Water used for: irrigation, fishing, swimming, drinking, Water supply, Irrigation
2. Recreation (swimming, bathing , boating , Religious activity)
3. Use of Biological Resources:
4. Reeds & grasses for thatch or fodder
5. Plant cultivation for food / Fish /Prawn
6. Functions of the Lake: Ground water recharge, Flood mitigation
7. Tourism: Local/National/International
8. Supports Biodiversity, Influence on microclimate,Pollination/ Sociocultural, Aesthetic

Major problems

Reduction in area, Reduction in depth (Siltation), Encroachments, Algal blooms, Aquatic weeds, Fisheries decline, Eutrophication, Organic Pollution/Toxic pollution.

Encroachment: Local Residents / Builders / Government

Public awareness

- Are local communities aware of the problems of the lake? Yes No
- Are local communities interested in the Lakes restoration? Yes No
- Are there are active local conservation groups (NGOs) interested in the lake? Yes No

Restoration activities required

1. Improvement of water quality by in-lake treatment/ Diversion and treatment of sewage/ Desiltation for removal of organic/toxic sediments /Weed removal /Shoreline protection/Catchment treatment to check erosion.