Socio Economic Assessment of the Impact of NBS: Kandy Lake

(Not shared) Switch account

Overall Reflection about Kandy Lake

What is your overall reflection on Kandy Lake?

- [ ] Highly Satisfied
- [ ] Satisfied
- [ ] Not Satisfied
- [ ] Do not have idea

Reasons for your satisfaction level

- [ ] Aesthetic and Relaxation
- [ ] No food provision
- [ ] Lake has to be maintained
- [ ] Water Pollution and Bad odor
- [ ] Economic Benefit
- [ ] Other
What are the benefits that can get from Kandy lake?

☐ Water Storage Facility
☐ Aesthetic Purpose
☐ Cooling effect
☐ Economical Source / Job creation
☐ Habitat for flora and fauna Species (Bio Diversity)
☐ For waste water discharge
☐ Relaxing Place
☐ Educational / Research site

Other than above benefits, what are you expecting from Kandy Lake?

Your answer

According to your knowledge who is maintaining the Kandy Lake”?

☐ Department Of Irrigation
☐ Kandy Municipal Council
☐ Urban Development Authority
☐ NWSDB
☐ Temple of Tooth Relic
☐ Do not know
Do you aware about water quality maintenance policy and guideline on Kandy Lake?

- Yes
- No

What is your perception about pollution status of Kandy lake?

- Highly satisfied
- Satisfied
- Not Satisfied
- No idea

What are the signs that you can identify the pollution status?

- Floating Alga on water surface
- Dying Fish
- Color of Water
- Other

State the sign that you have mentioned in category "Other"

Your answer
**** Question for the people who is doing small business around the Lake. will pollution status (Odor, Colour) of the lake affect on your income?

- Yes
- No

What kind of impact is it?

- Positive
- Negative

Remarks

Your answer

What are the pollution sources for the "Kandy Lake"?

- Outlet from the Hotels and other institutes
- Garbage from the visitors
- Domestic waste water
- Oil from boat service
- By giving excess amount of food for fish
- Other

State "Other" pollution sources.

Your answer
What kind of involvement you can do to protect the Kandy Lake?

- Can help for shramadhana campaign
- Can help financially
- Other

Mention what you mean by other?

Your answer

Have you seen the artificially prepared floating structure in the lake (with Canas plants) ?

- Yes
- No

If Yes, About what kind of structure is it?

- Floating wetland
- Landscape Structure
- Other

If "No" Why didn't you recognize it?

- No one has informed
- Absence of display board
- Other
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Floating Wetlands

If you are selected the option as 'Floating Wetland' Answer following questions.

Are you aware about Floating Wetlands in the Kandy Lake?

- Yes
- No

Are you receiving any direct or indirect impacts from floating wetlands?

- Yes
- No

What type of benefits are given by the particular floating wetland?

- Water Purification
- Habitat for flora and fauna species
- Aesthetic Value / Enhance landscape amenity
- Other
Who are the responsible authority for maintenance of this floating wetland?

- Irrigation Department
- Kandy Municipal Council
- NWSD
- UDA
- Temple of Tooth Relic
- Do not Know
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Personal Information

Category of the Respondent.

- Residential
- Local
- Foreign
- School Student

Distance to your residence from the "Kandy Lake"

- 0-1 Km
- 1-5 Km
- More than 5 Km

Gender

- Male
- Female
Age Category

- < 20 years
- 21 - 40 years
- 41-60 Years
- > 60 Years

Education Level

- Primary
- Ordinary Level
- Advanced Level
- Graduate

Occupation

- Government
- Private
- Self Employee
- No Job
Questions for KPI

Irrigation Department

1. May I know your position and period of service in Irrigation Department?
2. Could you please tell me about your involvement in the Kandy Lake and FW?
3. From your knowledge and experience in the community, who are the beneficiaries and what are the benefits for them from Kandy Lake and FW?
4. What organizations/corporations collaborate for maintaining the lake and FW?
5. From your knowledge are there any social collectiveness with regards to lake and FW?
6. What is the situation of human resource allocation (Eg: labors allocation) in the Kandy Lake and FW maintenance?
7. What is your Budget allocation for lake maintenance and FW (From ID)?
8. From your knowledge, what are the policies and guidelines regarding water quality maintenance in Kandy Lake and the establishment of FW?
9. What special challenges that you have face in maintaining of Kandy Lake and FW?
10. Who are responsible for floating wetland establishment and maintenance?
11. What is the cost for floating wetland establishment and maintenance?
12. What type of records/reports available?
13. What are the arrangements for water quality monitoring and reporting?
14. Any other comments/concerns/ideas/suggestions?

Boat Service (recreation)

1. Tell me about your involvement in the Kandy Lake?
2. From your knowledge, are there any social collectiveness with regards to lake?
3. What organizations/corporations collaborate for boat service assistance?
4. From your knowledge and experience in the community, who are the beneficiaries and what are the benefits of Kandy Lake?
5. What special challenges in the boat service over the period of time?
6. What are your awareness and idea about floating wetlands?
7. Employment status of employees in this boat service (Permanent/ Temporary)
8. Average number of people who are getting this service (per day)
9. Average income per day and collecting organization
10. Any other ideas /Remarks

Hotel/Restaurants

1. Tell me about your task in this hotel?
2. From your knowledge and experience in the community, who are the beneficiaries and what are the benefits of Kandy Lake?
3. What are your awareness and ideas about floating wetlands?
4. From your knowledge are there any social collectiveness with regards to Lake and FW?
5. What type of benefits your organization is getting from Kandy Lake and FW?
6. What are the common methods of waste disposal in this hotel?
7. What guidelines have you follow in waste disposal?
8. From your knowledge, what are the policies and guidelines regarding water quality maintenance in Kandy Lake?
9. What organizations/corporations collaborate with your hotel regards to Kandy lake and FW maintenance?
10. In which way, you can contribute/support the lake and FW
11. Any other Ideas or remarks?

School (Teacher)

1. May I know your position and period of service in the school?
2. Could you please tell me about your involvement in the Kandy Lake and FW?
3. From your knowledge and experience in the community, who are the beneficiaries and what are the benefits for them from Kandy Lake and FW?
4. What organizations/corporations collaborate for maintaining the lake and FW?
5. From your knowledge are there any social collectiveness with regards to lake and FW?
6. Who are responsible for floating wetland establishment and maintenance?
7. Does school conduct any environmental forum or Environmental pioneer programme (මේන්ඩ් සේවාවිභාගයින්)?
8. Are you conducting any of practical sessions for the students regards to the science or any environmental studies with the lake and FW (As field visit)?
9. Does syllabus of any subject contain knowledge of floating wetlands and its general process?
10. Do students aware about floating wetlands and its importance to society?
11. Any other Ideas or remarks?