

## APPENDIX-A

### Diplai Beel Research Questionnaire,2014 to the villagers living around Diplai Beel and changes observed by them in last 20 years

(Prepared and surveyed before writing synopsis for research work by Research  
Scholar)

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**Please tick over Yes / No / as directed**

1. Have you seen changes in ecology of Diplai Beel in last 20 years? **Yes/No**
2. Do you believe that area of Diplai Beel is reducing? **Yes/No**  
If yes, is the change *natural or manmade?* **natural or manmade**
3. Are number of flora and fauna decreasing day by day in Diplai Beel? **Yes/No**  
If yes, which one is more affected? **flora or fauna or both**
4. Do you catch fish every day in Diplai Beel ? **Yes/No**  
If yes, whether it is by *big or small* fishing net? Here big or small net means  
long and broad (mesh size 50mm to30cm) **big or small**
5. Is fishing by different nets a *regular/occasional* practice of the fishermen in  
Diplai Beel ? **regular or occasional**
6. Do the fishermen pull nets to the bank of the Beel to collect the fish? **Yes/No**  
If yes, micro water flora are being extinct from Diplai Beel water day by day.  
**Yes/No**
7. Do you think that the water of Diplai Beel has odour? **Yes/No**
8. Do you think that the underground water of Diplai Beel area is going down?  
**Yes/No**
9. Do you think that the water of Diplai Beel is potable now? **Yes/No**
10. Have you ever seen dead fish floating in the Diplai Beel water? **Yes/No**  
If yes, are they *big or small?* **big or small**
11. Do you think that picnic parties are degrading the water quality of Diplai  
Beel? **Yes/No**
12. Do NGOs, governmental departments or other organizations come to hold  
environmental awareness programmes among villagers to save the ecology  
and environment of Diplai Beel? **Yes/No**

13. Do you have local body or NGO to study the environmental impacts on Diplai Beel? *Yes/No*
14. Are the *catchment area* of Diplai Beel being cultivated by the villagers? *Yes/No*
15. *Do the farmers use chemical fertilizers to increase the crop production in surrounding cultivating lands of Diplai Beel ?* *Yes/No*
16. *Do the farmers use pesticides to save the grains from pests in catchment area of Diplai Beel ?* *Yes/No*
17. Do you think that the depth of the Beel is decreasing day by day? *Yes/No*  
If **yes**, is the reason **deforestation or siltation or eutrophication or all.**  
***Deforestation/ siltation/ eutrophication/ all***
18. Do you think that villagers are responsible directly or indirectly in eliminating the plants diversity of Diplai Beel water? *Yes/No*
19. Is community fishing a practice in the villagers of Diplai Beel in the festivals / special days like Magh Bihu, 1st January, Boisagu, Rangali Bihu, Bisua etc.? *Yes/No*
20. Do you know the need of a Beel or big water body in an area? *Yes/No*

**Please fill it up (Compulsory)**

1. Name .....
- Village.....
2. Address.....
3. Occupation (Tick)- Teacher/ Farmer/ Businessman/ Student/ Labourer/  
Male/Female (Tick) M.....F.....Age.....
4. Education (Tick)- Matric/Non Matric / H.S/ Graduate/ Post Graduate etc.