Appendix

Manonmaniam Sundaranar University
Tirunelveli

IMPACT OF TOURISM ON ENVIRONMENT: A STUDY IN OOTY TOWN,
TAMIL NADU

Doctoral Research Programme

Research Scholar: A.S. Vijay Anand

Interview Schedule

Ward No:
Door No:
Street Name:

1. Name of the Head of the household:

2. Sex

3. Age

4. Marital Status

5. Native Place

6. Occupation
7. Education

8. Family type
   (a) Joint family
   (b) Nuclear family

9. Monthly Income

10. Household Particulars

<table>
<thead>
<tr>
<th>S.No</th>
<th>Relationship with Respondent</th>
<th>Sex</th>
<th>Age</th>
<th>Marital Status</th>
<th>Education</th>
<th>Occupation</th>
<th>Income in Rs</th>
</tr>
</thead>
</table>

11. How long have you been living in this town?

12. Ownership of the house you live
   a) Own the house
   b) Rented
   c) Govt. Quarters
   d) If others, Specify
13. Type of House
   a) Concrete Roof  b) Tiles  c) Thatched  d) Others

About Municipal Drinking Water Supply

14. Do you have municipal drinking water connection at your home?
   Yes/No

15. If no water connection how much distance do you cover to get drinking water?

16. What are the sources of drinking water in your locality?

17. Do you get adequate quantity of water supply from the municipal connection?
   Yes/No

18. What is your opinion about the quality of municipal water in your locality?

19. Do you purify the municipal drinking water before use?
   Yes/No

20. If yes, how do you purify?
   a) Boiling
   b) Using water filters
   c) Using water purifier
   d) If others, specify
21. State whether you and your household members are frequently infected with any of the following diseases.

a) Cholera
b) Typhoid
c) Diarrhea
d) Guinea Worms
e) Others (Specify)

22. Do you think that capacity of overhead tank is adequate to meet the population?

Yes / No

23. If no, give reasons (Tick anyone)

a) Growth of more households
b) Inadequate storage capacity
c) Inadequate water potential
d) If others specify

24. Do you face the problem of getting adequate drinking water during summer?

Yes / No

Fuel Demand

25. Which type of fuel using for cooking?

i) Gas  ii) Kerosene  iii) Fire wood  iv) Others

26. Do you face shortage of fuel supply?

Yes / No

27. If yes, In which period you are facing problem regarding fuel supply?

Seasonal Period / Round the year
Sewage and Garbage Disposal

28. Nature of sewage provisions available in your locality
   i) Municipal open sewer line
   ii) Municipal underground drainage system
   iii) Soak pit.

29. How do you dispose waste/garbage?
   i) Municipal bins
   ii) On road
   iii) If others specify

30. How frequency the disposed wastage/garbage are removed by the municipal authorities?
    Daily/Once in two days/ Once a week

31. Are you satisfied the garbage disposal system?
    Yes/No

32. If no, why?
    a) Transporting the garbage by uncovered body vehicle
    b) Not clearing the whole garbage
    c) If any (specify)

Power Supply

33. Are you facing shortage of electricity supply?
    Yes/No

34. If yes, when?
    a) During Seasonal time
    b) Round the year
35 Do you think tourism has been beneficial to Ooty?
   Yes/ No

36. Are you getting benefits by tourism?
   Yes/ No

37. If Yes, specify.

Opinion about Tourism Activities

38. Do you feel the tourist vehicles emit excessive smoke in Ooty town?
   Yes / No

39. Is it true that tourists engage themselves in illegal plant cutting and destruction of habitat in some places in Ooty region?
   Yes / No

40. Is it true that streams and water bodies are polluted by tourists?
   Yes / No

41. What is your opinion on the ban imposed by the Govt. preventing usage of plastic with below 20 microns?

42. What extent non-degradable waste are thrown into Ooty environment?
   a. High
   b. Moderate
   c. Low
43. What extent tourists throw degradable wastes?
   a. High
   b. Moderate
   c. Low

44. What is the level travel generated garbage in Ooty region?
   a. High
   b. Moderate
   c. Low

45. What is the extent of damage to natural vegetation in Ooty due to tourism?
   a. High
   b. Moderate
   c. Low

46. What extent tourists cause degradation to natural landscape?
   a. High
   b. Moderate
   c. Low

47. What extent tourists damage the wild life habitat?
   a. High
   b. Moderate
   c. Low
48. For each of the statement below: please indicate the extent of your agreement or disagreement.

<table>
<thead>
<tr>
<th>SL No.</th>
<th><strong>Tourism Impacts</strong></th>
<th>Strongly agree</th>
<th>Agree</th>
<th>Neutral</th>
<th>Disagree</th>
<th>Strongly disagree</th>
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<tbody>
<tr>
<td>1</td>
<td>Tourism lead to traffic congestion</td>
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<td>2</td>
<td>Increase in volume of litter</td>
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<td>3</td>
<td>Improper zoning of land use</td>
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<td>4</td>
<td>Increases noise in local settlements</td>
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<td>5</td>
<td>Overloading of drainage paths</td>
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<td>6</td>
<td>Littering destroys beauty of the landscape</td>
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<td>7</td>
<td>More buildings beyond the carrying capacity</td>
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<td>8</td>
<td>Destructs the valuable historical monuments</td>
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<td>9</td>
<td>Fuel demand on seasonal period</td>
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<td>10</td>
<td>Overloads in tourist spots</td>
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<td>11</td>
<td>Overcrowding and congestion in central places</td>
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<td>12</td>
<td>Benefits are lesser than negative impacts</td>
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49. According to your opinion what is the nature of surface water quality in Ooty?
   a. Good
   b. Not bad
   c. Bad

50. What is your basic attitude towards ground water quality in Ooty region?
   a. Good
   b. Not bad
   c. Bad

51. Is there a steep hike in cost during peak season?

52. What are the major changes have you noticed in Ooty past 10-15 years?

53. What suggestions do you offer to improve tourism in Ooty?