APPENDIX – I

HOUSEHOLD SCHEDULE

TOPIC: - TRADITIONAL SYSTEM OF FOREST MANAGEMENT
AMONG THE NAGAS: A CASE STUDY OF WAROMUNG AND
KHONOMA VILLAGE

Information will be kept Confidential.

Basic Information

a. Name:
b. Tribe:
c. Name of the Village:
d. Clan:
e. Age:
f. Sex:
g. Religion:
h. Marital Status:
i. Educational Level:
j. Total Number of Family Members:
k. Residential Address:

Occupational Background

a. Occupation of the respondent:
b. Do you practice any other subsidiary occupation?
c. If yes, what other subsidiary occupation do you practice?
d. Number of earning members in the family:

e. What are their occupations?

**Income Level**

a. Family’s approximate monthly income:

b. Major sources of income and amount:

c. Secondary sources of income and amount:

**Land Utilisation**

1. Area of homestead:

2. Does your family own the land in which your homestead is located?
   a. If yes, how and when did your family came to own it?
   
   b. If no, on what terms are you occupying the land?

3. Does your family own land in any of the following?
   a. Common Village land
   b. Common Khel land
   c. Common Clan land
   d. Individual land
   e. Others

4. If yes, mention the number of plots and size of the plot.

5. Mention how and when the family came to possess it

6. On what terms and conditions the family possesses it?

7. Has your family leased out any land?
   a. If yes, to how many tenants?
8. Has your family leased in any land?
   a. If yes, for what purpose?
   b. Since when did you lease the land?
   c. On what terms has the land been leased in?
   d. Has there been any recent change?

9. Did your family mortgage any land?
   a. If yes, when and why?
   b. On what terms and conditions?

10. Have you sold any land in the last five years?
    a. If yes, mention the size of the land.
    b. Mention the reason for selling the land
    c. To whom did you sell the land?
    d. For what amount did you sell the land?
    e. Do you have to take permission to sell the land?
    f. If yes, from whom?

11. Have you brought any land in the last five years?
    a. If yes, from whom did you buy?
    b. Size of the land
    c. How much did you pay?
    d. Where is the land located?
    e. Do you have to take permission to buy the land?
    f. If yes, from whom?
12. Have you been approached by anyone to buy your land?
   a. If yes, who?
   b. What was the purpose for which they want to buy your land?

13. Will you be willing to sell the land if you are asked to?
   a. If yes, why?
   b. If no, give reasons.

14. Mention how you utilise the different plot of land that you own.

15. What are the practices with regard to inheritance among your community?
   a. Who will inherit your family land?
   b. Do you have to divide it equally among your sons and daughter?

**Method of Cultivation**

16. What type of cultivation do you practice?
   a. Jhum cultivation
   b. Terrace cultivation
   c. others

17. What are the crops that you grow?
   a. Major crops
   b. Subsidiary crops

18. Do you plant trees in your cultivation land?
   a. If yes, mention the name of the trees and plants.
   b. Mention the purpose of planting these trees.
19. How do you decide which plot to cultivate for the current year?
   a. For how many years do you cultivate in a particular plot?
   b. How long do you allow it to remain fallow before you cultivate in it again?

20. How do you cultivate your land?
   a. By self
   b. With the help of family labour
   c. Hired labour
      i. In case of hired labour, do you pay in cash or kind?
      ii. What is the rate of payment per day?

21. What is the different nature of activities related to cultivation?

22. Mention how these activities are divided amongst the members in your family.

23. Do you notice any changes in the practices relating to shifting cultivation?
   a. If yes, what are the changes?

Forest and Community

24. What does forest mean to you?

25. How has the forest been seen and understood in your community?

26. What is the extent to which you think there is interdependence between the forest and your community life?
   a. High
   b. Average
   c. Low
27. What do you think would be the life of your community in the absence of the forest and its resources?

28. What kind of impact will it have in the life of your village community?

29. Do you think it will work for the better or the worse?
   a. Yes/ No. Give reasons for your answer.

30. What do you think is the extent to which the forest and its resources have been responsible in giving and defining your life and identity?

31. Are you ready to trade your forest for another kind of life, for instance, say the setting up of industry?
   a. Yes/ No. Give reasons

32. Has there been any significant change in the forest topography in recent years?
   a. Yes.
   b. No.
   c. If yes do you see these changes as beneficial or harmful for your village and why?

33. What is the symbolic relationship between forest and the community?

34. Has the relationship between the community and the forest undergone any changes?
   a. Yes.
   b. No.
   c. If yes, what are the changes?

35. Do you think that the younger generation still values the relationship and interdependence as it has been earlier?
   a. If yes, explain how they do.
b. If no, give reasons why they don’t value it any longer.

36. Are you apprehensive that with the changes in time this relationship would become insignificant or be erased away?
   a. Yes
   b. No.
   c. Explain why.

37. What are the changes that you notice in terms of the shared relationship between the forest and the people compared with those of the earlier days?

38. Do you see the changes in favourable terms?
   a. Yes
   b. No.
   c. Explain.

**Forest and Social life**

39. What is the social significance of the forest for you and your community?

40. Does it hold any place of importance in the cultural life of your community?
   a. If yes, how and what are they?

41. Do you hold any part of the forest or land to be sacred?
   a. If yes, mention it.
   b. Where is it located?
   c. How old is it?
   d. Why is it revered as sacred?
   e. What are the plans or actions implemented by the community to conserve the sacred area?
42. Do you hold any forest produce to be sacred? For instance certain herbal or medicinal plants and thus consider it as sacred?
   a. If yes, please mention it.
   b. What is the sacred relation between the product and the community?
   c. Is there anything done to preserve that particular species of produce?
   d. If yes, mention how?

43. Is there any particular history, myth or legend connected with any part of the land, forest or trees?
   a. If yes, mention it.

44. Are you aware of any taboos enjoined with any particular trees or plants or animals?
   a. If yes, can you mention the reason why?

45. Is there any product that you get from your forest that holds and is used as symbolic things that in a way specifically identifies with your village or your village community?
   a. If yes, mention it.
   b. Explain how it is connected with your community?

46. What are the various kinds of forest products that are significantly employed as a tool and symbolize important social occasions such as-
   a. Birth
   b. Rites of passage
   c. Religious rituals
   d. Marriages
   e. Death
47. Do you celebrate any festivals in connection with your land, forest and its related activities?
   a. If yes, mention the festivals and its significance.

**Forest Ownership**

48. Who holds ownership over the forest?

49. On what basis is the process of ownership and distribution of the forest resources done?

50. What does owning the forest mean for your society?

51. Especially how significant does it become for the individuals in the society as far as owning the forest and having access to its products?

52. Does everyone have an equal share in the ownership of the forest?
   a. Yes.
   b. If No, explain why is it so?

53. Is the ownership determined in terms of an individual’s place and position in the society?
   a. Yes.
   b. No

54. Does everyone have complete and equal access to the forest and its resources or is it limited to certain sections of the society? Explain why.

55. Are you aware of any approaches from the government to take over the village forest or land?
   a. Yes.
b. No.

c. If yes, who takes the decision regarding such issues?

56. Do you think that the opinions of all the villagers are taken into account in such matters?
   a. Yes
   b. No.

57. Do you think it will be beneficial for your village if the forest is reserved by the government?
   a. If yes, how will it benefit the village?
   b. If no, why?

58. What do you think are the various way in which owning the land, the forest, has shaped your village community life?

Forest and Economic Life

59. How dependent are you upon the forest to sustain your daily needs?
   a. Fully dependent.
   b. Partially dependent.
   c. Not at all.

60. What are the different forest activities that you practice?

61. How often do you and your family collect forest produce?
   a. Daily.
   b. Weekly.
   c. Monthly
62. Do you have to take permission to collect the forest?
   a. If yes, from whom?

63. Mention the particulars of forest produce collected by your family-
   a. Local name of the forest produce
   b. Area from where it is collected
   c. Nature of right enjoyed by the family in collection of forest product
   d. Who collects (Male/ Female)
   e. Payment if any
   f. Nature of use
   g. Economic value

64. Apart from collection of Minor Forest Produce from the forest, do you enjoy any
   rights in terms of the following?
   a. Timber
   b. Fuel and firewood
   c. Grazing land for cattle
   d. Logging
   e. Others

65. Do you sell the forest produces?
   a. If yes, where?

66. Are there any forest activities that are restricted?
   a. Yes.
   b. No.
   c. If yes, mention the restricted activities.
67. How do such restrictions affect you?

68. Do you think that such restrictions are necessary?
   a. If yes, explain why?
   b. If no, give reasons.

**Forest Management**

69. Is there a proper regulating authority and rules over the use of the forest resources and its management? If yes, mention it.

70. Is there any activities undertaken by the community in order to maintain the forest?
   a. If yes, what are the measures taken to conserve the forest
   b. Who takes the initiatives for such activities?
   c. Do you participate in such activities?
   d. Yes/ No. Mention the reasons.

71. Do you get any support from the government for the maintenance of the forest?
   a. If yes, mention it.

72. Are you aware of any programs or projects implemented by the government for the conservation of forest and land in your village?
   a. If yes, mention it.
   b. Are you involved in any of the projects?
   c. Do you notice any change brought about by such projects?
   d. If yes, what are the changes?

73. What is the prevailing type of management that is currently employed?
74. Do you think life would have been different if the pattern of forestry around you were different?
   a. If yes, explain how different it would be.
   b. If No, why do you think so?

75. Do you still practice the traditional system of forest management?
   a. Mention the different traditional management methods that you employ.
   b. How effective is it?

76. Do you think it is a sustainable way of keeping, preserving and protecting the wealth of the forest?
   a. If yes, explain how it keeps the forest and land sustainable.
   b. If no, why do you think so?

77. Is the current forest management system taking a toll on the wealth resources of the forest? If yes, mention how.

78. Have you ever thought of exploring current scientific ways of forest resources management?
   a. If yes, give reasons why you want to explore it.
   b. If No, explain why.

79. Do you think that the introduction of new and exotic species of plants has disturbed the ecological balance of the forest?
   a. If yes, how?
   b. No
80. Has globalisation led to the commodification of the land and the forest in the village?
   a. If yes, to what extend?

81. Are you aware of any government or private agencies or companies attempt to purchase land in the village?
   a. If yes, mention it.

82. Are there any changes regarding ownership of land and forest in the village?
   a. If yes, who are the ones taking over the ownership?
   b. Which kind of land and forest are mostly taken over?

83. How has the presence of forest shaped your present environment, socio-economic as well as cultural life?
APPENDIX – II

OFFICIAL SCHEDULE

TOPIC: - TRADITIONAL SYSTEM OF FOREST MANAGEMENT AMONG THE NAGAS: A CASE STUDY OF WAROMUNG AND KHONOMA VILLAGE

Information will be kept Confidential.

Basic Information

a. Name:
b. Age:
c. Sex:
d. Educational level:
e. Official position of the respondent in the Village Council:

General Information of the village

1. Total population of the village:
2. Total number of household in the village:
3. Number of Khels in the village:
4. Total number of household in each Khel:

Infrastructure in the village

5. Name and particulars of Government offices in the village:
6. Name and particulars of hospitals/ medical centers in the village:
7. Name and particulars of schools in the village:
8. Name and particulars of religious institutions in the village:
9. Name and particulars of institutions/ centers in the village if any apart from those mentioned above:
10. Name and particulars of market in the village:
11. What are the means of communication?
   a. Road
   b. Railway
   c. Others.
12. Does the communication network connect to all the areas of the village?
   a. Yes
   b. If No, what are the alternative ways used?

13. What are the main means of transportation used?
   a. Bus service
   b. Taxi service
   c. Others

Structure and Management of the Village Council

14. When was the Village Council formed?
15. What is the total number of members in the Village Council?
16. What is the term of office for the members?
17. Mention the different positions occupied by the members of the Village council.
18. What are the functions of the different members of the Village Council?
19. What are the criteria to become a member of Village Council?
20. What are the procedures for selection?
21. Do the members get any remuneration?
22. How often does the Council hold meetings in a year?
23. For what purpose are those meetings held?
24. What are the different means through which the Council gets its funds?
25. How is the Village Council funds utilised?
26. What are the functions of the Village Council with regard to the following?
   a. Administration
   b. Legislation
   c. Judicial
   d. Revenue
27. What are the developmental activities undertaken by the Village Council?

Role of Village Council in Land Management

28. What is the system of land ownership practiced in the village?
29. Can you mention the different types of land ownership in the village?
30. What are the different ways in which the land is utilised?
31. Does the Village Council have any regulatory power with regard to the land management in the village?
   a. If yes, mention the functions of the Village Council.
32. Does the Council have any role in the transaction of land in the village?
   a. If yes, mention it.
33. Are there any particular rules followed for transaction of land in the village?
   a. If yes, what are the rules?
   b. What are the sanctions applied for breaking the rules?
34. In case of any land dispute or conflict in the village is the Village Council approached to settle the case?
   a. If yes, how is it settled?
35. Is the Village Council responsible for collecting the land tax?
36. What is the procedure for collecting the land tax in the village?
37. How much do you collect from each household?
38. With the increase in the value of land, do you think there has been an increase to commodify the land?
   a. If yes, how has the commodification of land affected the land in the village?
39. What are the regulatory measures taken in order to prevent the misuse of land in the village?

**Cultivation**

40. What are the different methods of cultivation practiced in the village?
41. Does the Village Council have any say in the selection of area for practicing the cultivation?
   a. If yes, what are the factors taken under consideration for the selection of the site?
   b. When is the selection made?
   c. How is it communicated to the people?
   d. In case there is disagreement between the villagers and the Council regarding such selection how is the problem settled?
42. Is there Khel/Clan wise demarcation of land for shifting cultivation?
   a. If so, how is the demarcation made?

43. What proportion of the total area of land has been used for shifting cultivation in the current year?
   a. Has there been any variation in the size of the land brought under shifting cultivation?
   b. If so, what are the factors responsible for such variations?

44. Has there been any move in the village to control shifting cultivation or improve the conditions of shifting cultivation?
   a. If yes, what are the measures taken?

**Role of Village Council in Forest Management and Conservation**

45. What is the importance of forest in the village life according to you?
46. Who holds ownership over the forest?
47. What are the various Acts and Orders that regulate the use of forest and forest produce?
48. How does Village Council contribute in the conservation of the forest in the village?
49. What are the functions of the Council in the management of the village forest?
50. Are there any schemes or programs for the conservation of village forest?
   a. Yes.
   b. No.
   c. If yes, mention it.

51. How are these schemes implemented?
52. Do you get any kind of support from the government for implementing such schemes?
   a. If yes, mention it.
   b. If No, explain why.
53. Do the villagers have to take permission from the village council to use or collect forest products?
   a. If yes, what produce are allowed to collect from the forest?
   b. Do they have to pay for such usage?
c. If yes, how much?

54. Are there any restrictions regarding various forest activities?
   a. If yes, mention those activities that are restricted.
   b. What actions are taken against the villagers if they are caught practicing those restricted activities?

55. What are the main factors responsible for deforestation?

56. How do you plan to keep them in check?

**State Government’s Role**

57. What are the different schemes and projects implemented by the government for the village development?

58. How far has these schemes been implement?

59. Does the Council have any say in such matters?

60. What is the policy of the state towards the preserving and maintenance of forest resources in the village?

61. Are they being implemented effectively?
   a. Yes.
   b. If no, what are the factors that are hindering its implementation?

62. Or is it that the state does not play a proactive role and the community is left alone to fend for itself?

63. Is there any approach from the government to reserve the village forest?
   a. Yes
   b. No
   c. If yes, who takes the decision regarding such issues?

64. Do you think that it will be beneficial for your village if there is government reserved forest?
   a. If yes, what are the benefits that you will gain?
   b. If no, why?
Conclusion

65. What is the level and extent of community participation in the maintenance and keeping of forest resources?
   a. Low
   b. Medium
   c. High

66. Are the opinions of the community taken into account in the management of land and forest?

67. Is there any conflict regarding land and forest between the village and the government?
   If yes, mention it.

68. Are you aware of the recent development in terms of strategies adopted by the government to protect and preserve the forest resources of the community?

69. How do you view the relationship between the socio-economic life of the village community and the forest resources?

70. Do you think that there are changes in the practice and use of land and forest in the village?
   a. If yes, what are those changes?

71. Do you think that there are changes with regard to ownership of land?
   a. Yes.
   b. No.

72. If yes, what are the changes with regard to ownership of land?

73. Which kind of ownership is more dominant in the village now?
   a. Why is it more dominant than the other types of ownership?

74. Do you think that the customary laws are still effective with regard to land and forest usage? Yes/ No. Give reason.