FIELD MANUAL FOR THE COMMUNITY QUESTIONNAIRE
2000

Introduction

The Nang Rong Project is a longitudinal study that documents social, economic, demographic, and environmental change in Nang Rong District, Thailand. It began in 1984, with follow-up in 1988 and 1994/5.

The 2000/1 round of data collection consists of: a community survey; the collection of data on dwelling units; a household survey; a land survey; and a follow-up of out-migrants.

I   General Information

In this section, we attempt to gather a history of the village, i.e. the collection of houses, households and lands that are part of the administrative unit that the headman and village council currently administer.

1.   Record the year that the village first had a headman.

2.   Often, villages get their first headman after splitting off from another village. We can think of it almost like a parent and a child. The old village--the one that usually keeps its official name after the split--is similar to the parent. The new village--the one that gets its own headman and also a new name--is similar to the child. This question asks whether, prior to getting a headman, the village was part of another village in an administrative sense. If (1) Yes, go to Q3. If (2) No, go to Q4.

3.   If so, ask the name of the other village today. In other words, if there is a "parent village," what is its name? Here, we want the name of that village today, understanding that some villages may have changed their names. Please also record the number from the village list.

4.   Record the number of families living within the administrative boundaries of the village. Here we are interested in people and not houses. It is possible to have houses in the village that are not currently occupied. These should not be included in the count. Count only the currently occupied houses.

5.   Record the number of males, including children, who currently live in the village.

6.   Record the number of females, including children, who currently live in the village.

7.   Record the amount of village land in rai used for agriculture located within the administrative boundaries of this village. Do not record land in other villages that is used by residents of this village.

II   Education

The purpose of questions 8-12a is to find out about the schools where children go. *It is possible that they go to more than one school. Be sure to probe for the possibility that they attend more than one school.*

8   Record whether or not there is/are a(ny) public/private school(s) in the village. By *in the village*, we mean within the administrative boundaries of the village. If (1) Yes, go to Q9. If (2) No, go to Q11.

9   Record the characteristics of the school(s) in the table provided. First, write down the complete names of all the schools located within the administrative boundaries of the village. Once all the names have been recorded, go back and record the following information about each school:

>   a. location - record the village/town name and number, subdistrict name and number, and district number.
>   b. levels of instruction offered there and
>   c. number of children from the village attending this school in grades k-6; in grades 7-9; and in grades 10-12. An approximate answer is fine.
>   d. the year when the school was first established.
>   e. Record the type of school in question. Is it (1) Public or (2) Private?

10   Record whether all of the children in the village attend one of the schools listed in Q9 or do some attend other schools.

>   If all the village children attend one of the schools listed in Q9, go to Q12. If some go elsewhere go to Q11.

11   Ask where else do the children in this village go to attend school. If the answer to Q8 was (2) No, then ask where do the village children go to attend school. Record the following information:
>   a. location - record the village/town name and number, subdistrict name and number, and district number.
>   b. levels of instruction offered there and
>   c. number of children from the village attending this school in grades k-6; in grades 7-9; and in grades 10-12. An approximate answer is fine.
>   d. the year when the school was first established.
>   e. Record the type of school in question. Is it (1) Public, (2) Private, or (3) Other - specify the type of school?

12 Here we are looking for any other types of schools where village children go to attend school. We are not asking about public or private schools. All of these schools should have already been recorded in Q9 and Q11. We are referring to schools that are run by monks or the like where children take exams and receive certificates for their work. If the answer is (1) Yes, ask Q12a. If the answer is (2) No, go to the next section.

12a Record the total number of schools run by monks and the like where village children go to attend school.

III   Agriculture

The interviewer should record in the first paragraph, on the line provided, how much village land is used for agriculture. This information can be found in Q7.

Questions 13-17 are asked about the crops grown by villagers. Included are rice, cassava, kenaf, corn, sugar cane, vegetables, eucalyptus trees, and rubber trees.

Ask about each crop, one at a time. Begin with rice.

13   Record the approximate fraction (%) of village land is used for the crop. If none of the village land is used to grow a particular crop, record 'none' on the appropriate line and go to the next crop.

14   Record the approximate fraction of village households involved in growing the crop. If no one grows the crop, then write 'none' on the appropriate line and go to next crop.

15   Record the yield per rai. Please ask separately about the different types of rice. Do not ask about Eucalyptus Trees.

16   Record what the unit of measure is for yield. It might be thang, kilo, or some other measure.

17   Record the price per unit. The unit should be the same as the one recorded for question 16.

IV   Agricultural Technology

18   Here we ask about some of the costs last year (1999-2000 growing season) for cultivating rice on a typical piece of village land that covers a rai. It asks about chemical fertilizer, pesticide, and herbicide and about the cost of labor to transplant and to harvest the crop.

19   Record the number of functioning rice mills within the administrative boundaries of the village.   If the village does not grow rice or it has no functioning rice mills, record '0' here and go to Q25.

20   Record the name of the mill, the name, household, and village ID of the owner if the owner lives in the village, and the other identifying information if the owner does not live in the village. *This identifying information will be used to code answers to questions in the household interview in the study villages*.

21   Record whether farmers from other villages come to this village to mill their rice. If (1) Yes, go to Q22, if (2) No, go to Q23.

22   Record from which other villages they come. Record the name and number of the village and subdistrict if it is on the village list (all villages within the 1984 boundaries of Nang Rong), the district if it the mill is in another district in Buriram province, and the province if outside Buriram.

23   Record whether farmers in the village go to other villages to mill their rice. If (1) Yes, go to Q24. If (2) No or (3) This village does not grow rice, go to Q25.

24   Record to which other villages they go. Record the name and number of the village and subdistrict if it is on the village list (all villages within the 1984 boundaries of Nang Rong), the district if it the mill is in another district in Buriram province, and the province if outside Buriram.

25   Record where the following crops are sold. If the crop is not sold or grown in this village, place an 'X' in the appropriate column and go to the next crop. Record whether or not a merchant comes to this village to purchase the crop. Record whether or not the crop is sold within this village, write 1. If the crop is sold outside the village, record the details of the two most important places where these crops are sold. If they go to another village in Nang Rong district (*as it was in 1984*), record the village/town number.   If they go to a village/town outside of Nang Rong district, but in Buriram Province, record the district number. If they go to a village/town outside of Buriram Province, record the province number. It is possible that a crop can be sold inside **AND** outside of the village.

V   Purchases & Services

26   This purpose of this question is to find out the average price that might be fetched by various agricultural products. We know that prices can vary. Please ask for a best guess.

27   Record the costs of hiring a **walking tractor** for the first plowing of a rice paddy for the last agricultural season. If the villagers do not ever hire a walking tractor for the first plowing of a rice paddy or the village did not cultivate rice, check the appropriate line.

28   Record whether or not farmers hire large tractors from other villages. If (1) Yes, farmers in the village hire tractors, go to Q29. If (2) No, farmers do not hire tractors, go to Q30.

29   Record where the owners of these tractors live. If they come from a village in Nang Rong district (*as it was in 1984*), record the village and subdistrict number. If they come from a village outside of Nang Rong district, but in Buriram Province, record the district number. If they come from a village outside of Buriram Province, record the province number.

30   Record the costs of hiring a large tractor and a small tractor to plow a cassava field. If they do not ever hire a large tractor to plow a cassava field or the village does not cultivate cassava, check the appropriate line.

31-34   Questions 31-34 ask about the price of land within the administrative boundaries of the village. We ask separately about land that is in the community and would be used for building a house and agricultural land that would be used for growing cassava, and two types of rice land; rice land next to an area/river that floods and rice land in a hilly/sloped area.

35   Record where villagers go to have repairs made on the following items. If no one in the village has the item, place an 'X' in the appropriate column and go to the next item. If the mechanic comes to the village, record (1) Yes in the appropriate column. If the mechanic does not come to the village, record (2) No in the appropriate column. If they stay within the administrative boundaries of the village for repairs, record '1' and the household id for the person who makes the repairs. If they go outside the village, record the details. If they go to another village in Nang Rong district (*as it was in 1984*), record the village number. If they go to a village outside of Nang Rong district, but in Buriram Province, record the district number. If they go to a village outside of Buriram Province, record the province number. **More than one answer is possible.**

VI   Transportation

36-38 Question 10 asks about the **district** towns to which villagers typically go to buy household items, for banking and financial purposes, or for entertainment purposes. Write down the names of the towns. Then record their ID numbers from the District List.

39   Record the months when travel out of the village to Nang Rong Town was difficult last year because of flooding or muddy roads. There might be just one month, or several. If several months, they might be contiguous ("in a row"), or not. Just list the numbers corresponding to all of the months.

40   Record the months when travel out of the village to Nang Rong Town was difficult the year before because of flooding or muddy roads. There might be just one month, or several. If several months, they might be contiguous ("in a row"), or not. Just list the numbers corresponding to all of the months.

VII   Occupations

41   Ask whether villagers go out in groups to work in other villages, and if so, go to Q42. If they do not go out in groups to other villages to work, go to Q43. By group, we mean 3 or more people.

42   Record where they go and what work they do there. If they go to work in another village in Nang Rong district (*as it was in 1984--see list of villages*), record the village number. If they go to work in a village outside of Nang Rong district, but in Buriram Province, record the district number. If they go to work in a village outside of Buriram Province, record the province number.

43   Record whether or not laborers form other villages coming to this village for work. If this occurs circle (1) Yes and go to Q44. If laborers from other villages do not come to this village in groups to work, circle (2) No and go to Q46.

44   Record from what villages they come and what work they do here. If they come from another village in Nang Rong district *(as it was in 1984)*, record the village number. If they come from a village outside of Nang Rong district, but in Buriram Province, record the district number. If they come from a village outside of Buriram Province, record the province number.

45   Record the daily wage paid for transplanting or harvesting rice in this village. Please ask separately for men, women, and children and for periods of high labor demand and periods of normal/regular demand. If rice is not grown in the village, or if no one ever hires help with planting or harvesting, please indicate this in the appropriate column.

46   Record whether or not there are any factories in the village. By *factory,* we mean a place or facility where ten or more people are employed in the production of goods, for example, shoes. By *in the village*, we mean within the administrative boundaries of the village. Do not include rice mills here because there is a section devoted to rice mills.

47   Record whether or not there are any factories within 5 km of the village. Again, do not include rice mills here because there is a section devoted to rice mills. See definition above for factory.

48   Record the name of the factory here.

49   Record the total number of males and females working in this factory. Include part time employees in this count as well.

50   Record where the owner of the factory currently lives. If the owner lives in Isan, probe to see if he/she lives in Buriram Province. If the owner does not live in Isan, go to Q51.

51   Record in years how long the factory has been operating.

52   Record here what the factory produces. Write as much detail about the products as is available. If the factory produces more than one product, please record them all here.

VIII   Water Resources

53-55   These questions deal with how water is transported to the rice paddies from rivers, streams, ponds, or canals. Circle (1) Yes or (2) No for each question. If no one in the village grows rice, circle (3) Don't grow rice.

56-59   These questions deal with the availability of water from wells and their use in irrigating crops, specifically vegetable gardens. If there are no wells in this village used for irrigating crops such as vegetable gardens, or if there are no one in this village has vegetable gardens, go to Q60. If there are wells used for irrigation of crops continue with Q57-59.

57   Record the number of functioning public **and** private wells in this village used for irrigating crops.

58   Record whether or not there are problems with the quality of water drawn from these wells. Examples of problems with quality of water include salinity, acidity, or mineral deposits. If the response is (1) Yes, record the specific problem or problems on the line provided.

59   Record whether or not there are problems with the quantity of water drawn from these wells. By quantity of water we mean, specifically, are there problems with flow volume and consistency throughout the year? Is the flow heavier or lighter at certain times of the year?   If the response is (1) Yes, record the specific problem or problems on the line provided.

60   Record whether or not there are problems with the quality of water taken from rivers, streams, ponds, or canals. Examples of problems with quality of water include salinity, acidity, or mineral deposits. If the response is (1) Yes, record the specific problem or problems on the line provided.

61   Record whether or not there are additional problems with pollution of water taken from rivers, streams, ponds, or canals. Examples of problems with pollution of water include sediment from field erosion and chemicals from pesticides/herbicides from agricultural fields. If the response is (1) Yes, record the specific problem or problems on the line provided.

62   Question 62 asks whether there was enough water for rice cultivation last year (i.e., since the beginning of the monsoon season in 1999).   If there was (1) sufficient water for rice cultivation go to Q64. Or if (3) this village does not grow rice, go to Q70. If there was not enough water for rice cultivation last year, go to Q63.

63   If there was not enough water for rice cultivation last year, record which months there was not enough water. It may have been just one month, or several. The months may be contiguous ("in a row"), or not. Please write down all of the months.

64   Question 64 asks whether there was enough water for rice cultivation during the previous growing season (i.e., since the beginning of monsoon season 1998.). If there was (1) sufficient water for rice cultivation go to Q66. If there was not enough water for rice cultivation in the previous growing season, go to Q65.

65   If there was not enough water for rice cultivation in the previous growing season, record which months there was not enough water. It may have been just one month, or several. The months may be contiguous ("in a row"), or not. Please write down all of the months.

66   Question 66 asks whether there was too much water for rice cultivation last year (i.e., since the beginning of the monsoon season in 1999). If there was (1) too much water for rice cultivation go to Q67. If there was not too much water for rice cultivation last year, go to Q68.

67   If there was too much water for rice cultivation last year, record which months there was too much water. It may have been just one month, or several. The months may be contiguous ("in a row"), or not. Please write down all of the months.

68   Question 68 asks whether there was too much water for rice cultivation during the previous growing season (i.e., since the beginning of monsoon season 1998.). If there was too much water for rice cultivation, go to Q69. If there was not too much water for rice cultivation in the previous growing season, go to Q70.

69   If there was too much water for rice cultivation in the previous growing season, record which months there was too much water. It may have been just one month, or several. The months may be contiguous ("in a row"), or not. Please write down all of the months

Environmental Problems

This section addresses environmental problems that have affected the cultivation of crops in this village over the past 5 years.

70-72 These questions deal with problems with the soil and (70) soil loss through erosion on land close to rivers, (71) soil loss through erosion on hilly/sloped land, and (72) soil salinity (salt deposits on the surface of the soil). Record (1) Yes or (2) No for each of these questions.

73-74 These questions deal with problems with rice crops and (73) pests such as snails, insects, locusts, and crabs and (74) weeds. Note that this question should only be asked of villages who have grown rice in the past 5 years. If this village has not grown rice in this span of time, place a check on the line provided and go to Q75.

75-76 These questions deal with problems with cassava crops and (75) pests such as snails, insects, locusts, and crabs and (76) weeds. Note that this question should only be asked of villages who have grown cassava in the past 5 years. If this village has not grown cassava in this span of time, place a check on the line provided and go to Q77.

77-79 These questions deal with problems associated with the use of (77) chemical fertilizers, (78) pesticides, or (79) herbicides. Record (1) Yes or (2) No for each of these questions. If there is a problem with the use of any of the chemicals, a response of (1) Yes, record the nature of the problem in the column provided with as much detail as possible.

80-84 These questions deal with water for household use. Record whether or not there is a public well used for bathing, cooking, or washing in this village. If there is no such well, go to the next section. If there is a well for these purposes, continue with Q81.

81 Record the number of functioning wells for household use that are located in this village.

82 Record whether or not there are problems with the quality of water drawn from these wells. Examples of problems with quality of water include problems with color, smell, taste, or dirt deposits.

83 Record whether or not there are problems with the quantity of water drawn from these wells. By quantity of water we mean, specifically, are there problems with flow volume and consistency throughout the year? Is the flow heavier or lighter at certain times of the year?

84 Record whether or not people in this village drink water from any of these wells.

IX   Temples

85   Record whether or not there is a temple in the village. If there is no temple in the village go to Q90. If there is a temple within the village, record the following information.

86   Record how many long term monks have lived in the temple over the past year. By long term, we mean resided in the temple for 3 or more months.

87   Record how many short term monks (buot pra) lived in the temple last year. By short term, we mean resided in the temple for less than 3 months.

88   Record whether or not people from other villages come to this temple to make merit. If no one from another village comes to this temple, go to Q90. If other people from other villages come to this temple, record the following information.

89   Record which villages share this temple. Record the village name, village number, subdistrict name, subdistrict number, district name, and district number.

90   Record whether or not villagers go to temples in other villages to make merit. If they do not go to other villages, go to the next section. If they do go to other villages, record the following information.

91   Record the name of the village in which the temple is located. Record the village name, village number, subdistrict name, subdistrict number, district name, and district number for each temple mentioned.

X   Communication

92   Record **all** the languages that are spoken by people in this village. If there are languages spoken in the village that are not on the pre-coded list, record them in the 'Other' category. More than one answer is possible for this question.

93   Record the language that is spoken most often by villagers in their daily lives. Only **one** answer is acceptable here.

94   Record the number of working cellular/hand phones in the village.

95   Record the number of working regular telephones in the village.

96   Record the number of working phone booths in the village.

97   Record the number of 2-way radios in the village.

98   Record whether or not the village has a working Public Address (PA) System or some sort of loudspeaker/microphone system to communicate to the village in mass.

99   Record whether or not this village has a computer with Internet access and whether or not the villagers connect to the Internet.

XI   Health Care & Health Services

100   For each type of heath service facility listed in this question, find out how many such facilities are available in this village. If there are none, write '0'.

101   Ask what is the **main** subdistrict heath center that villagers went to for services last year. Record the name of the center, the name and number of the village/town and the name and number of the subdistrict in which it is located. If it is not in one of the villages/towns on the list, if they go to a village/town in Buriram Province, record the district number. If they go to a village/town outside of Buriram Province, record the province number. If no one in the village went to a subdistrict heath center for services last year, check the appropriate line and go to Q104.

102   Record whether or not villagers went to any other subdistrict health centers last year. If they did, go to Q103. If they did not go to any other subdistrict health centers, go to Q104.

103   Record the name of the center, the name and number of the village/town and the name and number of the subdistrict in which it is located. If it is not in one of the villages/towns on the list, if they go to a village/town in Buriram Province, record the district number. If they go to a village/town outside of Buriram Province, record the province number.

104   Ask what is the **main** hospital that villagers went to for services last year. Record the name of the hospital, the name and number of the village/town and the name and number of the subdistrict in which it is located. If it is not in one of the villages/towns on the list, if they go to a village/town in Buriram Province, record the district number. If they go to a village/town outside of Buriram Province, record the province number.

105   Record whether or not villagers went to any other public or private hospitals last year. If they did, go to Q106. If they did not go to any other public or private hospitals, go to Q107.

106   Record the name of the hospital, the name and number of the village/town and the name and number of the subdistrict in which it is located. If it is not in one of the villages/towns on the list, if they go to a village/town in Buriram Province, record the district number. If they go to a village/town outside of Buriram Province, record the province number.

107   Record whether or not any mobile health units or physician's units have come to this village to provide any of the listed services since 1994 - our last survey. Record (1) Yes or (2) No for each service listed.

108 Record whether or not this village has received visits from a community health worker. If they do, go to Q109. If they do not receive visits from a community health worker, go to Q110.

109 Record the details about the community health worker here including the name of the health center where the community health worker is employed, village/town name and number, subdistrict name and number, district name and number and how often per month this person comes to the village.

XII   Original Settlement

110   This question asks about the history of the village. We are interested in how long people have been living in this general area. We are not asking about the administrative aspects of the village, but rather the time when people first moved to this area, cleared land, built houses, and started growing crops. At this point, show the respondents the N-map pointing out the specific area being discussed. If this village is immediately adjacent to other villages, make sure that it is clear that you are referring to the 'group' of villages. Record how long ago it was that people first came to this area to live and farm.

111   Check here if the respondents are unsure about how long ago people first came to this area to live and farm. Encourage them to give their best guess as there really is no wrong answer and record it here leaving Q110 blank.