

มหาวิทยาลัยเชียงใหม่
Chiang Mai University

Appendix

QUESTIONNAIRE FOR FIELD SURVEY

GUIDELINE FOR GROUP DISCUSSION

1. History of the community-based forest management
2. Status of the forest over time
3. Decision making arrangement of the local institution
4. Government policies at the local in term of forest management
5. The relation of the community institution and the stakeholders in term of forest management
6. Demand for forest resource in market
7. Conflicts in the use of forest resource
8. Leadership skill of the local leaders
9. Attributes of the “village forest”
10. Weakness, strength, opportunity and threat of the community-based forest management system of the local

GUIDELINE FOR INTERVIEW AND PARTICIPANT OBSERVATION

Informant.....position.....
 ..
 Village..... commune.....
 DistrictProvince.....

1. Attributes of the forest resource

1.1 Degree of subtractability of forest resources as a result of joint use by members of the community

- Reduction of forest stock yearly:
- Reduction of each type of forest products (timber & non timber) over time:
- Absence of some species of plant and wild animal:
- Narrow in forest areas yearly:
- Others

1.2 By nature or physical condition of the forest and technical feasibility, can outsiders be excluded from making use of the community forest?

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-

1.3 By the nature or physical attributes of the forest and technical feasibility, are the forest boundaries clearly defined or delineated?

-

1.4 A side of the “village forest” area

-

1.5 A distance between the village community and the forest

.....
.....
1.6 Status of forest resource, in terms of the scarcity of wood, and minor forest products

- Amount of each forest product compared with demand of community consumption.....
- Time taken for collection of forest product compared to period
- Others

2. Community setting

2.1 The number of eligible users

- Household
- Population
- Men
- Women

2.2 Pattern of land use

- Forestry
- Agriculture.....
- Orchard.....
- Grassing area.....
- Other.....

2.3 Demand for forest resources (timber, land, and minor forest products) in market

- Fuel-wood
- Charcoal
- Forest products as commodity
- Forest product as family food daily
- Land for cultivation
- Water for cultivation.....
- Others

2.4 Types of conflicts in the forest resource

- Conflict among members of community
- Conflict with outsiders

2.5 How much do leadership skills influence the formation of community-based forest management?

- Education level
- Trust and power
- Capacity of management

2.6 Organizational arrangements and decision makers involved in CBFM institutions

.....

.....
3. Decision-making arrangements in CBFM

3.1 Operational rules and sanction system that govern day to day activities concerning CBFM
.....
.....

3.2 State policies, regulation, and guidelines used by government officials that affect CBFM in the local community

- Suitability of the state policies operational rules
- Resistance of the operational rule to the state polices
- Government supports for the community in management practice

3.3 Legal status of the community forest

- National park area
- National reserve forest
- Biology tourist area

4. Pattern of interaction of the villages in the use of forest resource

4.1 Collective action and reciprocity
.....
.....

4.2 Free riding and opportunism
.....
.....

5. A assessment of institutional performance of CBFM

5.1 Are forest resource boundaries and membership of resource users clearly defined?
.....
.....

5.2 Are the operational rules (both right and duties) congruent with the condition of forest resource and community setting?
.....
.....

5.3 Can individual member of the community participate in modifying the operational rules
.....
.....

5.4 Are the monitoring measures available?
.....
.....

5.5 Has a graduated sanction system been used?
.....
.....

5.6 Are the conflict-resolution mechanisms available?
.....
.....

.....
5.7 Are CBFM institutions recognized by the government agencies?
.....

.....
5.8 Are CBFM institutions nested in other levels of decision-making
arrangement?
.....
.....

Recorder:.....

Date:.....

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QUESTIONNAIRE FOR HOUSEHOLD SURVEY

Name.....House number.....
 Villagecommune.....

• **Attributes of forest resources**

1. How much do you think that degree of subtractability in the forest is, as resource of use by members of the community?

| Forest resource | High | Moderate | Low | No |
|-----------------|------|----------|-----|----|
| Wood, timber | | | | |
| Unclaimed land | | | | |
| Minor products | | | | |
| Water | | | | |
| Others | | | | |

2. Physically and technically, can outsiders be excluded from access to the forest

- yes, mostly
- yes, partially
- not at all

3. Physically and technically, are forest boundaries delineated clearly?

- no
- yes

4. How big is the size of forest area?

..... ha

5. How far is from your residence to the forest

..... km

6. The scarcity of forest resource regarding the capacity respond to the needs of members of the community

| Forest resource | High | Moderate | Low |
|-----------------|------|----------|-----|
| Wood, timber | | | |
| Unclaimed land | | | |
| Minor products | | | |
| Water | | | |
| Others | | | |

• **Socio-economic conditions and education**

7. The amount of years of schooling of head of the household

..... Year

8. The amount of years of schooling of the persons with the highest education in the household

.....years

9. The main occupation of the household?

- Agricultural production
- Forestry production
- Livestock

- wage labor
- trading
- others, specify
- 10. The secondary occupation
 - no have
 - yes, specify
- 11. Source and amount of annual income of the household
 - 11.1. Agricultural production VND
 - 11.2 Livestock VND
 - 11.3. From wage..... VND
 - 11.4 From trade..... VND
 - 11.5 From forest products VND
 - 11.6 From other..... VND
 - Total: VND

12. Rice yields ton / sao

13. Land use, land holding size, and land tenure

| Land use | Land holdings (raid) | Land tenure |
|----------|----------------------|-------------|
| ----- | | |
| ----- | | |
| ----- | | |

14. Are you a member of these groups in your community, and in what capacity?

| Group | Member | Committee | Leader |
|--------------------|--------|-----------|--------|
| Interest group | | | |
| Water users | | | |
| Public association | | | |
| ----- | | | |

• **Forest management**

15. Have you ever participated in these following CBFM activities?

15.1. Patrol in the forest

- No
- yes, times

15.2. Maintenance and development

- no
- yes.....times

16. What do you perceive about the property right in forest resource in your community?

- common property
- state property
- open access
- other, specify.....

17. Do you know about the existence of rules and penalties in CBFM/

- yes
- no

18. Do you follow the rules of CBFM voluntarily?
 yes,
 No, not exactly
19. Have you participated in making or modifying the rules of CBFM?
 yes
 no, because.....
20. Do you think that the present rules and penalties of CBFM are congruent with the current situation in the community?
 yes
 no, because.....
21. Did the external agencies take part in rules making?
 yes, specify.....
 no
22. Do you think that the government recognizes the CBFM initiative in your community?
 yes
 no, because.....
23. If conflict and rule violation could not be solved by the mechanisms of CBFM, what solution should be sought?
 ask the external authorities to mediate
 law enforcement
 other, specify..
24. Do you agree to comply with the rules of CBFM
 yes, because
 no because
25. If you had an opportunity to exploit forest resource by violating the rules without being noticed by anybody, would you take that opportunity
 no, because
 yes, because
26. Have you ever broken the rules of CBFM?
 never
 yes,
27. Why did you break the rules?
 did not know the rules
 thought that nobody would notice
 thought that there were no harms to the community as the others followed the rules
 thought that the other did the same
 other, specify
28. What is the main motive that brings members of the community together to initiate CBFM
 awareness of the forest role
 to protect the local resource from exploitation by outsiders
 cannot trust officials in protecting the local forest resource
 charismatic leadership
 other, specify.....

29. Whom is to be blamed most for destruction of forest resource? (please rank)

- fellow villagers
- influential capital owners
- settlement area outside community
- government officials
- other, specify

30. Is your livelihood dependent on the following forest resources

| Forest resource | Yes | No |
|---|-----|----|
| Timber and wood for building house | | |
| Fuel-wood such as firewood and charcoal | | |
| Land for cultivation | | |
| Minor products | | |
| Water for irrigation | | |
| Other, specify | | |

31. In consideration of present situation and trends, do you think that livelihood of the community will be self reliant or more dependent on outside society?

- more dependent on outside society
- still self- reliant

32. When the local community changes and becomes developed, will CBFM be vital for your community?

- still vital
- may fade out

33. In comparison with the past, do you think there is any change in government interaction on the CBFM?

- Increase government involvement
- no change
- decreased government involvement

34. In comparison with the past, do you think there is any change in threats from outsiders?

- increased threats from outsiders
- no change
- decreased threats from outsiders

35. What is a potential threat to institutional stability of CBFM system in your community?

- Increased rule violation by members of the community
- threats from influential outsiders
- the government
- others, specify

• **Performance of forest management**

36. What do you think of the degree to which villagers are able to participate communally in decision- making in term of forest management in different periods of time, before 1990, present, and in the future?

Please give a mark (x) in each column corresponding to degree you choose for each period of time.

| Score | Corresponding degree | Before 1990 | Present | Future |
|-------|-----------------------|-------------|---------|--------|
| 1 | Unsatisfactory | | | |
| 2 | Not very satisfactory | | | |
| 3 | Acceptable | | | |
| 4 | Good | | | |
| 5 | Very good | | | |

37. What do you think of the ability of people to define who is entering the forest and use the forest products in different periods of time, before 1990, present, and in the future?

Please give a mark (x) in each column corresponding to degree you choose for each period of time.

| Score | Corresponding degree | Before 1990 | Present | Future |
|-------|-----------------------|-------------|---------|--------|
| 1 | Unsatisfactory | | | |
| 2 | Not very satisfactory | | | |
| 3 | Acceptable | | | |
| 4 | Good | | | |
| 5 | Very good | | | |

38. What do you think of the degree to which people adhere to the forest rules in the different periods of time, before 1990, present, and in the future?

Please give a mark (x) in each column corresponding to degree you choose for each period of time.

| Score | Corresponding degree | Before 1990 | Present | Future |
|-------|-----------------------|-------------|---------|--------|
| 1 | Unsatisfactory | | | |
| 2 | Not very satisfactory | | | |
| 3 | Acceptable | | | |
| 4 | Good | | | |
| 5 | Very good | | | |

39. What are your opinions on your satisfaction with the rate of use of the forest resource in different period time such as before 1990, present, and in the future?

Please give a mark (x) in each column corresponding to degree you choose for each period of time.

| Score | Corresponding degree | Before 1990 | Present | Future |
|-------|-----------------------|-------------|---------|--------|
| 1 | Unsatisfactory | | | |
| 2 | Not very satisfactory | | | |
| 3 | Acceptable | | | |
| 4 | Good | | | |
| 5 | Very good | | | |

40. What do you think of the status of the forest resource in different periods of time, before 1990, present, and in the future? When is better?
Please give a mark (x) in each column corresponding to degree you choose for each period of time.

| Score | Corresponding degree | Before 1990 | Present | Future |
|-------|-----------------------|-------------|---------|--------|
| 1 | Unsatisfactory | | | |
| 2 | Not very satisfactory | | | |
| 3 | Acceptable | | | |
| 4 | Good | | | |
| 5 | Very good | | | |

41. What do you think of the fairness in distributing benefits from forest among the villagers in the different periods of time, before 1990, present, and in the future?
Please give a mark (x) in each column corresponding to degree you choose for each period of time.

| Score | Corresponding degree | Before 1990 | Present | Future |
|-------|-----------------------|-------------|---------|--------|
| 1 | Unsatisfactory | | | |
| 2 | Not very satisfactory | | | |
| 3 | Acceptable | | | |
| 4 | Good | | | |
| 5 | Very good | | | |

42. What do you think of the individual access the villagers have to the forest in different period of time, before 1990, present, and in the future?
Please give a mark (x) in each column corresponding to degree you choose for each period of time.

| Score | Corresponding degree | Before 1990 | Present | Future |
|-------|-----------------------|-------------|---------|--------|
| 1 | Unsatisfactory | | | |
| 2 | Not very satisfactory | | | |
| 3 | Acceptable | | | |
| 4 | Good | | | |
| 5 | Very good | | | |

43. What do you think of the degree of influence that villagers have in decision making processes regarding forest management in the different period of time, before 1990, present, and in the future?

Please give a mark (x) in each column corresponding to degree you choose for each period of time.

| Score | Corresponding degree | Before 1990 | Present | Future |
|-------|-----------------------|-------------|---------|--------|
| 1 | Unsatisfactory | | | |
| 2 | Not very satisfactory | | | |
| 3 | Acceptable | | | |
| 4 | Good | | | |
| 5 | Very good | | | |

44. What are your opinions on livelihood security under the regime of community based forest management in different period time such as before 1990, present, and in the future? When do you feel that the livelihood is more secure?

Please give a mark (x) in each column corresponding to degree you choose for each period of time.

| Score | Corresponding degree | Before 1990 | Present | Future |
|-------|-----------------------|-------------|---------|--------|
| 1 | Unsatisfactory | | | |
| 2 | Not very satisfactory | | | |
| 3 | Acceptable | | | |
| 4 | Good | | | |
| 5 | Very good | | | |

45. General opinion and recommendation about your CBFM system.

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Interviewer.....

Date:/...../.....

CURRICULUM VITAE

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Academic

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