

**Supplementary material 1.** Checklist of information collected during swidden farmer survey

Location: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**1. Demographic and socio-economic detail**

ID/Name of the respondent: \_\_\_\_\_ Ethnicity: \_\_\_\_\_

Gender: M / F Age: \_\_\_\_\_ Education: Illiterate/ Primary / Secondary / Graduate

Gender of household head: M / F \_\_\_\_\_

HH members: \_\_\_\_ Male Adults \_\_\_\_ Female Adults \_\_\_\_ Male children \_\_\_\_ Female children

Occupation: Primary \_\_\_\_\_ Secondary \_\_\_\_\_ Other(s) \_\_\_\_\_

Housing condition: \_\_\_\_\_ Livestock resources: \_\_\_\_ Cattle \_\_\_\_ Goat \_\_\_\_ Pigs

Memberships of institutions (e.g. CFUG member): \_\_\_\_\_

Distance from nearby forest: \_\_\_\_\_ from Swidden field (if any) \_\_\_\_\_

**2. Land-use information**

Land-use practices: \_\_\_\_\_

Total land area: \_\_\_\_\_ Major crops: \_\_\_\_\_

Area by major land-use:

Land-use	Agriculture	Swiddencultivation			
Area (now)					
Area (10 year before)					
Land- characteristics*					
Tenure**					

\*Land-characteristics: Slope/ Fertility / Other (specify)

\*\*Tenure: Self owned / Leased / Other (specify)

### 3. Cultural management practices in swidden cultivation system

No. of family members involved in shifting cultivation: \_\_\_\_ Male \_\_\_\_ Female \_\_\_\_ Infant

Year involved in swidden cultivation: \_\_\_\_\_

Major crops: \_\_\_\_\_

Seasonal activity:

Month	Jan	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Activity 1												
Activity 2												
Activity 3												
Activity 4												
Activity 5												

What is (was) the major criteria for selecting land for swidden cultivation? \_\_\_\_\_

\_\_\_\_\_

Is there any change happening in the shifting cultivation practice: Y / N

If yes, what changes? \_\_\_\_\_

Since when? \_\_\_\_\_

What is (are) the reason (s) behind? \_\_\_\_\_

### 4. Farmers' perceptions

Why you are practicing swidden cultivation? \_\_\_\_\_

Is there any change in extents of lands under swidden cultivation? Y/N \_\_\_\_\_

If Y, since when and why? \_\_\_\_\_

What are the advantage/benefits and of swidden cultivation over other land use (s)?

Land-use	Advantages

Shifting cultivation	
Permanent agriculture	
Grazing	

What are the disadvantages of swidden cultivation over other land uses?

Land-use	Disadvantages
Shifting cultivation	

Do you think shifting cultivation system is favoring biodiversity conservation? Y/N\_\_\_\_\_

If Y, which group/taxa of plants/animals?\_\_\_\_\_

What are the different ecosystem services provided by swidden cultivation?\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What are the ecosystems properties you think are mostly affected by swidden cultivation? \_\_\_\_\_

\_\_\_\_\_

Clarify the reason (why/how?) \_\_\_\_\_

Which factors are negatively affecting swidden cultivation in the area?

\_\_\_\_\_

\_\_\_\_\_

Do you want to continue shifting cultivation practice in near future? Y/N

Which type of support do you ask from govt./authority for that?\_\_\_\_\_

\_\_\_\_\_

**Additional notes:**

\_\_\_\_\_