(-96) Not applicable
(-97) To be collected
(-98) Refused to answer
(-99) Missing

SETTLEMENT FORM

IFRI FORM S
SHORT INSTRUMENT **July 2013**

A settlement is a collection of households located in or around one or more forests, especially because households in the settlement harvest or obtain products and/or benefits from the forest(s). This form has been designed to capture historical, demographic, socioeconomic, and geographical information about a particular settlement. There may be a number of settlements utilizing a particular forest or forests, and therefore, one of these forms will be completed for each settlement studied.

Many of the questions ask for specific numbers (e.g., number of individuals in settlement, average number of times individuals go to market). Try to get as accurate a response as possible. If the group of individuals being questioned disagree on the number, continue discussion until a sense of convergence toward a reliable estimate is gained.

Research ID<RID>:_____Country ID <CID>:_____Site ID <SID>:_____

Date of site visit (dd-mm-yr):_____

Date(s) data collected for this form (mm-dd-yr): _____

Name of settlement <SNAME>:_____

Name(s) of forest(s) used:_____

Has this settlement been coded in previous years? <SCODED>:
(1) No
(2) Yes
(3) Uncertain
(4) Yes, with a different name *(If this response is checked, write old name*_____<SOLDNAME>.*)*

A. GEOGRAPHIC AND POSITIONING INFORMATION

Measure the latitude and longitude in a central location in the settlement. Use decimal degrees or degrees-minutes-seconds for latitude and longitude.

If using GPS technology to collect data for this section, all GPS units must be set to the same Datum and Spheroid while collecting data across the settlement. Be sure to specify in the *Site Overview Form* (Form O) which Datum is being used across the settlement.

A1. What is the latitude of this settlement? <SLATITUDE>_____*(decimal degrees)*
or
_____º _____’ _____" *(degrees-minutes-seconds)*

A2. What is the longitude of this settlement? <SLONGITUDE>_____*(decimal degrees)*
or
_____º _____’ _____" *(degrees-minutes-seconds)*

A3. What is the Dilution of Precision (DOP) for this position? <SDOP> _____
Please enter a decimal number from 1 to 10.

A4. What is the Estimated Position Error (EPE) for this position? <SEPE>_____

B. HISTORY AND DEMOGRAPHIC

B1. What year did this settlement come into being? <SYEAR>_____

Enter the full year (for example, 1871). If unknown, provide as close an approximation as possible.

B2. Is the settlement nucleated or dispersed? <SDISTRIBUT>

Mark only one answer.
(1) ____Nucleated
(2) ____Dispersed

B3. What is the current population of this settlement in terms of households? <SHOUSEPOP>_____

B4. What is the current population of this settlement in terms of individuals? <SINDPOP>_____

B5. How far is the most frequently used market by most residents in this settlement? <SMARKET>_____kilometers

Market refers to a location where the residents of the settlement can buy articles of daily necessity as well as sell some of their products such as fodder, fuelwood, or agricultural crops. If there are a number of markets in the vicinity, pick the one that is the most used or the closest.

B6. If distance to the market is not known in kilometers, supply the number and the (local) unit of measurement here
<SMARDISTLU>_____

B7. What is the travel time to the most frequently used market in the most common form of transport?
<SMARKETTIME>_____

Measure the latitude and longitude of the most frequently used market in a central location of the market. Use decimal degrees or degrees-minutes-seconds for latitude and longitude.

B8. What is the latitude of this market? <SMARKETLAT>_____*(decimal degrees)*
or
_____º _____’ _____" *(degrees-minutes-seconds)*

B9. What is the longitude of this market? <SMARKETLONG>_____*(decimal degrees)*
or
_____º _____’ _____" *(degrees-minutes-seconds)*

B10. What is the Dilution of Precision (DOP) for this position? <SMARDOP>_____
Please enter a decimal number from 1 to 10.

B11. What is the Estimated Position Error (EPE) for this position? <SMAREPE>_____

B12. How far is an administrative center from the settlement? <SADMIN>_____kilometers

B13. If distance is not known in kilometers, supply the (local) unit of measurement here. <SADMINDISTLU>_____

B14. In general, how frequently do most residents interact with government officials? <SINTERACT>

Mark only one answer.

(1) ____Very often; government officials live in the settlement,
(2) ____ Quite often; government officials visit the settlement almost every day or residents visit the administrative center almost every day,
(3) ____Often; either government officials visit the settlement or residents visit the administrative center,
(4) ____Sometimes; neither government officials visit the settlement often, nor do residents travel to administrative centers
(5)____ Seldom; possibly once a month,
(6)____ Rarely; maybe once in two or more months,
(7)____Very rare; once or twice a year

B15. List the ethnic groups of this settlement and a percentage of that group in the settlement.
Provide the group name and a percentage of that group in the settlement.

Ethnic group	Percentage of settlement
<SETHNIC1>	
<SETHNIC2>	
<SETHNIC3>	
<SETHNIC4>	
<SETHNIC5>	

B16. List the religious groups of this settlement and a percentage of that group in the settlement.
Provide the group name and a percentage of that group in the settlement.

Religious group	Percentage of settlement
<SREL1>	
<SREL2>	
<SREL3>	
<SREL4>	
<SREL5>	

B17. List the castes of this settlement and a percentage of that group in the settlement.
Provide the group name and a percentage of that group in the settlement.

Caste	Percentage of settlement
<SCASTE1>	
<SCASTE2>	
<SCASTE3>	
<SCASTE4>	
<SCASTE5>	

B18. Given the local definition of wealth, is there a great difference in wealth among households (as locally defined) in the settlement? <SWEALTHDIF>

Mark only one answer.
(0) No
(1) Yes

B19. If yes, what percentage of households (as locally defined) in the settlement are usually regarded as being wealthy?

<SHHWEALTHY> _____

(-96)_____Not applicable

B20. If yes, what percentage of households (as locally defined) in the settlement are usually regarded as being poor?

<SHHPOOR>_____

(-96)_____Not applicable

B21. How many adults in this settlement are literate? <SINDLIT>

Mark only one answer.

(0) ____A few
(1) ____About half
(2) ____Most/all

B22. Has any individual in this settlement acted as a leader(entrepreneur) -- investing time, energy, and perhaps money -- in trying to work out coordinated strategies within the settlement concerning maintenance, investment in upgrading the forest(s), or harvesting forest products? <SLEADER>

Mark only one answer.
(0) No
(1) Yes

B23. Do locally-defined rules exist for governing this forest? <SRULEXIST>

Mark only one answer.
(0) No- skip to B21
(1) Yes

B24. If locally-defined rules exist for governing the forest, did residents of this settlement participate in making these rule? Mark only one answer. <SMAKERULE>

Mark only one answer.
(0) Little or no local participation
(1) Some local participation
(2) High local participation.
(-96) Not applicable

B25. During the last two years, have individuals in this settlement faced any issues that have engendered conflict within the settlement? <SCONFLICT>

Mark only one answer.
(0) No – skip to section C
(1) Yes

B26. During the past year, would you say that the level of conflict within the settlement has: <SCONFLEVL>

Mark only one answer.
(1) Increased
(2) Stayed the Same
(3) Decreased
(-96) Not applicable

B27. During the past year, would you say that the level of conflict within the settlement has:<SEFFECT>

Mark only one answer.
(1)____ Disruptive of normal activities,
(2)____Disruptive upon occasions
(3)____Channeled in ways that are not disruptive of normal activities
(-96) ____Not applicable

C. SETTLEMENT SOCIO-ECONOMIC STATUS

C1. How do most residents of the settlement derive most of their basic income? <SINCOME>

Mark only one answer.
(1) ____Subsistence farming (including – small scale cash crop, fishing)
(2)____ Herding
(3) ____Operating or owning commercial farms or commercial enterprises
(4) ____Harvesting products from the forest
(5) ____Wage labor or employed staff
(6) ____Tourism
(7) ____Handicrafts/local retail
(8) ____Other (*describe*)<SINCOTH>:_____

C2. For how many months of a year do most households (as locally defined) in the user group consume their own food crops? <SHHEATCROP>_____

C3. Approximately what percentage of households (as locally defined) in this settlement own livestock? <SHHANOWN>_____

C4. What percentage of households (as locally defined) in the settlement own agricultural land? <SHHOWNLAND>

_____

C5. What percentage of households (as locally defined) in the settlement have surplus food? <SHHSURPLUS>

_____

C6. What is the most frequent kind of house lived in by residents in the settlement? <SHOUSE>

Mark only one answer.
(1) ____Stone/concrete/brick
(2) ____Mudbrick
(3) ____Wood
(4) ____Grass/stick/wattle

C7. What is the main source of fuel for the majority of households in his settlement? <SFUEL>
Mark only one answer.
(1) ____Most households use forest products for their fuel
(2) ____Most households use agricultural/animal products for their field
(3) ____Most households use electricity, gas, or oil for their fuel

C8. Approximately what percentage of households (as locally defined) in this settlement have members who work outside the settlement? <SHHOUT> _____

C9. Select other settlement-owned resources *apart from the forest resource/forest products* that are located in or close to the settlement and used regularly by settlement residents. <SRESOURCE>
Check all that apply.
(1) ____Irrigation resource
(2) ____Pastures/grazing area
(3) ____Lake
(4) ____Stream
(5)____River
(6) ____Pond
(7) ____Swamp
(8) ____Dam
(9)____Sand
(10)____Stone/rock quarry
(11) ____ Minerals
(12) ____Salt
(13) ____Well
(14) ____Water mill
(15) ____Piped water
(16) ____Rain water collection
(17) ____Communal plantation
(18) ____Animals/hunting
(19) ____Crops/agricultural land

D. SETTLEMENT RELATION TO THE FOREST

D1. What are the forest products or benefits that residents of the settlement harvest or obtain from the forest?
Please mark only one check per column.

Check if this product:	**Trees <STREES>**	**Bushes <SBUSHES>**	**Grasses <SGRASSES>**	**Leaves On ground <SLGROUND>**	**Leaves Climbing <SLCLIMB>**	**Soils, stones, minerals <SSSM>**	**Water <SWATER>**	**Fungi <SFUNGI>**	**Wildlife <SWILDLIFE>**	**OTHER <SOTHER>**
(1) *is* harvested or obtained, and user group has *right* to harvest										
(2) is *not* harvested or obtained, and user group has a *right* to harvest or obtain this product										
(3) is *not* harvested or obtained, and user group does *not* have a *right* to harvest or obtain this product										
(4) is harvested or obtained, and the user group does *not* have the *right* to harvest or obtain this product										

D2. What percentage of the needs of residents in this settlement does this forest supply?

An estimate for this question will need to be made based on conversations with a number of different individuals.

Multiple answers may be applicable.

Settlement's Needs	**Percent**
Need for fodder <SFODDER>	
Need for fuelwood <SFUELWOOD>	
Need for housing timber <STIMBER>	
Need for biomass, green manure as farming inputs <SBIOMASS>	
Need for food <SFOOD>	
Other<SNEEDOTH>	
Describe "other" <SDESCOTH>	

D3. What percentage of households in this settlement depend significantly on this forest for their own subsistence? <SHHSUBSIS> _____

D4. What percentage of households in this settlement depend significantly on this forest for their family income arising from commercial activities? <SHHCOMM>_____

D5. During the past year, have households in this settlement invested in any of the following new technologies that improve the productivity of this forest?

Activity	Mark "0" for No, "1" for Yes
Adopting improved bee-keeping techniques?	<SBEE>
Planting seedlings that alter species mix?	<SALTERMIX>
Other technology for improving the productivity of the forest?	<SIMPVTECH>
Are there any other methods that the settlement is following to protect, maintain, or improve the resources for the forest?	<SOTHMETH>

D6. During the past year, have households in this settlement adopted any of the following technologies that reduce their need for forest products?

Technology	Mark "0" for No, "1" for Yes
More efficient wood-burning stoves?	<STOVES>
Pressure cookers?	<SCOOKERS>
Other individual technology that reduces the need for forest products?	<SNEWTECH>

D7. How do most individuals in the settlement feel about the type of conservation measures adopted in relation to this forest? <SCONSERVE>

Mark only one answer.
(1) ____Too restrictive, more could be harvested from this forest without endangering its sustainability over time
(2) ____About the right level of conservation
(3) ____Too lax, if harvesting continues at this rate, the sustainability of this forest is endangered.

D8. Have individuals in this settlement tried to limit usage of this forest by harvesting forest products from other communal or government forests? <SREGULATE>

Mark only one answer.
(0) ____No – Skip to
(1) ____Yes

D9. If yes, what kind of other forests have been used more intensively so as to limit usage of this forest? <SOTHFOREST>

Mark only one answer.

(1)____Other communal forests to which this group does not have legal rights
(2)____Government forests
(3)____Private forests
(4)____Other communal forests to which this group has legal rights
(-96) ____Not applicable

D10. Have the residents of this settlement undertaken any of the following management or regeneration activities, and if so, how frequently?

Mark only one answer per column.

Activity Frequency	Planted seedlings? <SPLANTSEED>	Planted trees? <SPLANTTREE>	Planted bushes? <SPLANTBUSH>	Built fences or barriers to protect parts of the forest? <SFENCE>	Cleared undergrowth/leaf litter <SCLEAR>	Reduced harvesting levels for medicinal plants? <SREDHARVST>	Remove encroachments (e.g., vines, twigs, branches, etc.) from the forest? <SRMENCROA>	Sought help from external authorities to improve vegetation growth? <SGETHELP>
Done once a year								
Done about every 2-4 years								
Done about every 5 years								
Done about every 10 years								
Done less than every 10 years								
Never done								

D11. Do households in the settlement interact on the following tasks within or outside the forest(s)?

Tasks	Mark “0” for No , “1” for Yes
Cooperative harvesting?	<SCOOPHARV>
Cooperative processing?	<SPROCESS>
Cooperative marketing/sales?	<SCOOPSELL>
Financial contracts?	<SFINANCE>
Monitoring/sanctioning?	<SMONITOR>
Maintenance?	<SMAINT>

D12. What are the cultural views of the residents of this settlement about this forest? Most individuals see this forest as:<SFORVIEW>

Multiple answers may be applicable.
(1)_____Sacred for religious beliefs
(2) ____ Important for subsistence needs
(3) ____ Important for commercial/income
(4) ____ Important for other environmental/recreational benefits

D13. How do most residents of this settlement rank the condition of this forest? <SCONDITION>

Mark only one answer.
(1) Very sparse
(2) Somewhat sparse
(3) About normal for this ecological zone
(4) Somewhat abundant
(5) Very abundant