

Questionnaire Environment Assessment

Name:

Power house location (in degrees):

Kebele:

Woreda:

River:

Catchment Size (in ha)*:

Altitude (in m above sea level): Highest point: Lowest point:

Topography (describe general topography, taking into account features such as valley types and slope**):

Discharge (in m³/s)***: annual:

seasonal:

Hydrology (describe general hydrology, taking into account the discharge data). Leading questions might be: What is the prevailing stream pattern? Does meandering occur or is the river rather straight? Is the stream perennial (flow constantly), intermittent (may dry up) or ephemeral (flow only during or shortly after a rainfall event)?

Precipitation (in mm)***: annual:

seasonal:

Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Precipitation												

Agroclimatic Zone**** (also take into account the precipitation data, particularly the annual precipitation):

Since when is the area populated?

Current population of the catchment area:

Density (population/ catchment area in km²):

Distribution:

Are there any major changes in population (due to migration and/or fertility rate)?

What do you know about the historic land use?

Have there been any changes in land use?

What kind of?

When and why?

What do you know about the future land use, do you know of any planned changes/developments?

- * see DESTA, L. et al. (ed.) (2005): *Part 2: Community Based Participatory Watershed Development: Annex*. Addis Ababa: Ministry of Agriculture and Rural Development, page 32.

- ** see DESTA, L. et al. (ed.) (2005): *Part 2: Community Based Participatory Watershed Development: Annex*. Addis Ababa: Ministry of Agriculture and Rural Development, page 38 and/or SCHNITZER, V. (2009): *Micro Hydro Power Scout Guide: A worker's manual know how to*, page 20.

- *** check with responsible hydrological agency

- **** see DESTA, L. et al. (ed.) (2005): *Part 2: Community Based Participatory Watershed Development: Annex*. Addis Ababa: Ministry of Agriculture and Rural Development, page 36.