

Checklist Environment Assessment

| Land use | | none | low | medium | high | unknown | notes |
|-------------------------|---------------------------|------------|-----|----------------|------|---------|-------|
| Cultivation | Permanent crops* | | | | | | |
| | Annual/ temporary crops** | | | | | | |
| Grazing*** | | | | | | | |
| Forest **** | | | | | | | |
| Land use practices | | Is applied | | Is not applied | | | |
| Slash and burn practice | | | | | | | |
| Irrigation | | | | | | | |
| Drainage | | | | | | | |
| Rotational land use | | | | | | | |

*list crop types according to quantity

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| |

**list crop types according to quantity

| |
|--|
| |
| |
| |
| |
| |
| |
| |

*** does a bias between fodder and non-fodder species exist?

| yes | no |
|-----|----|
| | |

**** cross the prevailing forest type/use

| natural | human |
|-----------------|--------|
| | |
| indigenous | exotic |
| | |
| timber/firewood | no use |
| | |

Cultivation, Grazing, Forest

(in % of the respective area assessed)

Low = < 10 Medium = 10 – 20 High = >20

| Natural resources | | none | low | medium | high | unknown | notes |
|-------------------|---------------------------|------|-----|--------|------|---------|-------|
| Wetlands | | | | | | | |
| Springs***** | | | | | | | |
| Waterways | With vegetation buffer | | | | | | |
| | Without vegetation buffer | | | | | | |

Wetlands

(in % of the respective area assessed)

Low = < 1 Medium = 1 – 5 High = > 5

Springs

(Average number per km²)

Low = < 1 Medium = 1 – 3 High = > 3

***** cross the prevailing spring type

| <i>buffered</i> | | <i>unbuffered</i> | |
|-----------------|--|-------------------|--|
| | | | |

Water ways (with and without vegetation buffer)

(in % of total length)

Low = < 25 Medium = 25 – 50 High = > 50

| Degradation | none | low | medium | high | unknown | notes |
|--------------------------|------|-----|--------|------|---------|-------|
| Landslide | | | | | | |
| Cattle step | | | | | | |
| Gully erosion | | | | | | |
| Badlands | | | | | | |
| Riverbank erosion | | | | | | |
| Sheet and splash erosion | | | | | | |

Landslides

| | | Average magnitude in m | | | |
|------------------------------------|-----|------------------------|-----------|------------|--|
| | | < 5 x 5 | < 10 x 10 | >= 10 x 10 | |
| Average quantity/5 km ² | > 1 | | | | |
| | 1 | | | | |
| | < 1 | | | | |

Cattle step

| | | Vegetation cover | | |
|------------|--------|------------------|-----------|--|
| | | Grass cover | Bare soil | |
| Area in ha | > 10 | | | |
| | 5 - 10 | | | |
| | < 5 | | | |

More than one cross is possible. Table above should be filled in according to prevailing color. In doubt cross the darker one.

Gully Erosion

| | | Average depth (in cm) | | |
|-----------------------|---------|-----------------------|---------|------|
| | | < 25 | 25 – 50 | > 50 |
| Average length (in m) | > 1 | | | |
| | 0.5 - 1 | | | |
| | < 0.5 | | | |

Badlands, Riverbed erosion, Sheet and Splash erosion

(number of affected areas per 5 km²)

Low = < 1 Medium = 1 – 2 High = > 2

| Mitigation Techniques | Is applied | Is not applied | unknown | notes |
|------------------------------------|------------|----------------|---------|-------|
| Terracing | | | | |
| Afforestation | | | | |
| Gully rehabilitation | | | | |
| Agroforestry | | | | |
| Cultivation along contour lines | | | | |
| Fencing of plots | | | | |
| Protection of sources and wetlands | | | | |



Red and green colors in the tables indicate, whether a low or high occurrence of the respective feature is rather positive or negative (Red = negative, Green = positive).

Note: The colors only give an indication, nonetheless it should be noted that for example forest which is used for timber and firewood is better than no forest for the environment condition of the watershed.