**Appendix 1**

Description of components and sub-components of exposure, sensitivity and adaptive capacity in SBR

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| **IPCC Dimensions** | **Major component** | **Sub component** | **Explanation of sub-components** | **Source** | **Potential limitations of the indicators** |
| Sensitivity | Demographic  | Dependency ratio in the sampled HHs | To examine the dependency among households’ | Human capital | Likelihood to mixed with population of old age and children |
| Sensitivity |   | Percentage of Female headed households  | To examine the family structure | Human capital | Ambiguous in understanding the economic status |
| Adaptive capacity |   | Percentage of household heads with higher education | To understand the living status  | Human capital | Different attitudes among households  |
| Sensitivity |   | Percentage of old and child population | Examine the dependency among households’ | Human capital | Confusing with dependency ratio |
| Adaptation |   | Percentage of households having cemented house  | To identify the how household resist in extreme weather events | Physical capital | Likelihood of biased response |
| Sensitivity | Social | Percentage of illiterate households  | Assess the status of literacy among households | Human capital | Definition of literacy varies  |
| Sensitivity |   | Percentage of landless households  | To identify the landless household | Financial capital | Confusion with households living under poverty |
| Sensitivity |   | Percentage of SC/ST households | To identify the social status  | Human capital | Recall confusion with other backward groups |
| Sensitivity |   | Percentage of households with family members migrated outside  | To examine the migration pattern | Human capital | Not clearly illustrate whether migration is temporary or permanent |
| Sensitivity |   | Percentage of households with primary source of income | To identify the economic dependency  | Natural capital | Not coherently describe the activities |
| Sensitivity |   | Ratio of non-agricultural income to total income | To distinguish the allied land utilization  | Financial capital | Recall confusion with economic activity of households |
| Sensitivity | Economic | Percentage of households depend on natural sources for income  | To discern the livelihood dependency of households on natural resources | Natural capital | Recall confusion with primary source of income |
| Sensitivity |   | Percentage of unemployed households  | To examine the economic dependency  | Human capital | May be dependent population |
| Sensitivity |   | Percentage of households below poverty line  | To discern the household living under poverty | Financial capital | Recall confusion with unemployed households’ |
| Sensitivity |   | Percentage of households with asset and land loss | To distinguish households vulnerable to disasters | Natural capital | Land measuring criteria and unit varies spatially |
| Sensitivity |   | Percentage of households with livestock death | To identify households lost their livestock during disasters | Natural capital | Ambiguity in overall damages to disasters |
| Sensitivity |   | Percentage of households suffered from home damage  | To identify severity of disasters | Natural capital | Likeliness to mix with asset and land loss |
| Sensitivity  | Health | Average distance to health center | To assess the proximity to health center | Physical capital | Leads to biasness in response |
| Sensitivity |   | Percentage of households affected with vector borne diseases  | To identify households affected from vector borne disease | Natural capital | Recall biasness in response |
| Sensitivity |   | Percentage of households affected with water borne diseases  | To identify households affected from water borne disease | Natural capital | Recall biasness in response |
| Sensitivity |   | Percentage of households have died due to natural hazards | Severity of disasters on households | Natural capital | Absence of precise response |
| Adaptive capacity |   | Percentage of households go to health awareness camp | To identify household’s awareness to health camps  | Physical capital | Not state the actual visits to health centres |
| Sensitivity |   | Frequent checkup in near hospital  | Analyze the causes of frequent visits | Physical capital | Not clearly defines the purpose |
| Sensitivity | Food & Water | Percentage of households depends on own agricultural production | To examine the households’ dependence on agriculture | Financial capital | Confusing with primary source of income |
| Sensitivity |   | Percent of HHs lost their agricultural land  | To identify the households’ lost their agricultural lands  | Natural capital | Confusing with land loss  |
| Sensitivity |   | Percentage of HHs walk more than 1 km for drinking water | To distinguish households staying farther from water sources | Natural capital | Perception varies |
| Sensitivity |   | Percentage of households use pond water | To identify households’ use pond water for drinking  | Natural capital | Does not state about the quality of water |
| Sensitivity |   | percentage of households use boiled water for drinking | To distinguish households’ use boil water for drinking | Human capital | May be sickness or other chronic illness |
| Adaptive capacity |   | Percentage of households have water facilities within premises | To discern households’ having source of water within their premises | Physical capital | Does not state which kind of water source  |
| Sensitivity | Physical & infrastructural | Percentage of households not getting electricity  | To identify households don’t having electricity connection | Physical capital | Does not state source of electricity  |
| Sensitivity |   | Percentage of households not having sanitation facility | To identify households don’t having sanitation facility | Physical capital | Not clearly describe the sewage facility provision |
| Sensitivity |   | Percentage of households have not connected with paved road  | To identify households not connected to paved road | Physical capital | Ambiguity in response  |
| Adaptive capacity |   | Percentage of cemented households  | To discern the household having strong structure | Physical capital | Does not mean not get affected by disaster  |
| Sensitivity |   | Average distance to school | To examine the average distance to school | Physical capital | Distance varies purposively  |
| Sensitivity |   | Percentage of households live in river/road side | To analyze households situated along river/road | Physical capital | Getting confusion with household under poverty |