

# Lowland baseline characterization for PLAR-IRM

Date: \_\_\_\_\_ Country: \_\_\_\_\_ Site: \_\_\_\_\_ Ref PLAR-IRM: \_\_\_\_\_

1. **Characterization of village using or owning the lowland (LL)**  
 Village/quarter: \_\_\_\_\_ Locality: \_\_\_\_\_ Informant(s): \_\_\_\_\_ N E S W Alt  
 Economic activities (specify importance 1,2,3): \_\_\_\_\_ Position of lowland (LL) \_\_\_\_\_  
 Artisan  Commerce  Fishing  Livestock  Crop lowland  Crop upland  Other  Other  
 Ethnic groups: Dominant: \_\_\_\_\_ Secondary: \_\_\_\_\_ Tertiary: \_\_\_\_\_

2. **Accessibility of village/lowland (LL)/market**  
 LL/Village access: \_\_\_\_\_ km  Tarrred road  Unpaved road  Cart path  None  Other  
 LL/Village access: \_\_\_\_\_ km  Tarrred road  Unpaved road  Cart path  None  Other  
 LL/Village access: \_\_\_\_\_ km  Tarrred road  Unpaved road  Cart path  None  Other  
 LL/Village access: \_\_\_\_\_ km  Tarrred road  Unpaved road  Cart path  None  Other

3. **Major uses of watershed** (specify importance in terms of land area, 1,2,3):  
 Buildings  Fallow  Savanna  Forest  Other  Crops

4. **Major uses of the hydromorphic fringe** (shallow water table, specify importance in terms of area 1,2,3):  
 Not applicable  Fallow  Vegetables  Roots and tubers  Cereals  Others

5. **Major use of lowland**  
 a. Total area: \_\_\_\_\_ Area used in rainy season: \_\_\_\_\_ Area used in off-season: \_\_\_\_\_  
 b. Dominant crop, rainy season:  Rice \_\_\_\_\_%  Vegetable \_\_\_\_\_%  Other \_\_\_\_\_%  
 off-season:  Rice \_\_\_\_\_%  Vegetable \_\_\_\_\_%  Other \_\_\_\_\_%  
 c. Soil texture – (a) Topsoil  Clay  Sandy  Loamy (b) Sub-soil  Clay  Sandy  Loamy  
 d. % Population using the lowland: \_\_\_\_\_ Ethnic group of users: (a) \_\_\_\_\_% (b) \_\_\_\_\_% (c) \_\_\_\_\_%  
 (a) Users:  Natives  Migrants (b) Users:  Male  Female Observations: \_\_\_\_\_  
 e. Labor:  Household  Local self-help group  Local – daily labor  Seasonal migrants  Others: \_\_\_\_\_  
 f. Important changes in lowland use (10 previous years):  No  Yes

6. **Lowland development**  
 a. Type:  Not used  Not developed  Developed with dam  Developed diversion of water course  Developed, other  
 In case of development: When: \_\_\_\_\_ Institution: \_\_\_\_\_ Users' organization: \_\_\_\_\_  
 b. Water control (a) rainy season:  None  Partial  Total (b) dry season:  None  Wells  Others  
 c. Infrastructure:  None  Bunds  Terraces  Other

7. **Use of inputs** Vegetables:  None  Fertilizer  Herbicides  Improved varieties  Pesticides  Other  
 LL Rice:  None  Fertilizer  Herbicides  Improved varieties  Pesticides  Other  
 Crop establishment in lowland:  Direct seeding  Transplanting

8. **Production constraints**  
 Variety  Weeds  Insects  Rodents  Birds  Diseases  Other  
 Soil  Water control  Input price  Input access  Marketing  Loan  Land tenure  Mechanization  Others

