**UNIVERSITY OF LAGOS**

**LANDUSE CHANGE AND CARBON EMISSION IN SOUTHWEST NIGERIA PROJECT**

**QUESTIONNAIRE FOR KEY INFORMANTS - GOVERNMENT AGENCIES**

Name of Officer (Optional): -------------------------------------------------------------------------------

Designation of Officer: ---------------------------------------------------------------------------------------

Agency/Department:--------------------------------------------------------------------------

Ministry: ----------------------------------------------------------------------------------------

State:---------------------------------------------------------------------------------------------

**SECTION A: GENERAL**

1. What is the major responsibility of this Agency/Department : ………………………………...............................…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………
2. What are the other secondary responsibilities: ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..
3. What services do you render to the community members:---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
4. What is your view on the state of forest and woodland management in your jurisdiction? ……………………………………………………………………….. …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………
5. Does the state has any policy on forest and woodland of significance: ............................
6. What are the procedures for applying for the following services:

|  |  |  |
| --- | --- | --- |
| **Sn** | **Activity** | **Procedure** |
|  | Commercial Logging |  |
|  | Wood for charcoal |  |
|  | Fire-wood harvesting |  |
|  | Forest clearance for agriculture |  |
|  | Cutting down tree for firewood |  |
|  | Cutting trees for mortals/pestles and artworks |  |
|  | Raising Tree seedling/nursery for forest plantation |  |

1. What is the staff strength for overseeing forestry activities in your agency: …………………………………………………………………………………...
2. In your own opinion, do you think the staff strength of the department is enough to meet up with the responsibilities: ……………………………………
3. What support do you want from community member: -------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
4. What support will you require from the under-listed to make your office function effectively:

|  |  |  |
| --- | --- | --- |
| **Sn** | **Activity** | **Procedure** |
|  | Federal Government |  |
|  | State Government |  |
|  | International Agencies and Development Partners e.g. World bank, FAO |  |
|  | Foreign and Local NGOs |  |
|  | Private Organizations |  |
|  | Local communities |  |

**SECTION B: STATUS OF FOREST, WOODLAND, FOREST RESERVES AND PROTECTED AREAS**

11. How many forest reserves do you have in the state:-----------------------------

12. Kindly state their names, location and estimated area covered:

| ***Sn*** | ***Name of forest reserve*** | ***Location*** | ***Nature (natural forest, plantation, mixed)*** | ***Estimated area(in ha or km2)*** |
| --- | --- | --- | --- | --- |
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13. How many protected areas/strict nature reserve do you have in the state -----------------------

14. Kindly state their names, location and estimated area covered :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***SN*** | ***Name of protected area/strict nature reserve/national park*** | ***Location*** | ***Nature (natural forest, plantation, mixed)*** | ***Estimated area (in ha or km2)*** |
|  |  |  |  |  |
|  |  |  |  |  |
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15. How many community ‘owned’ or ‘managed’ forest or woodlots are present in the state:----------

16. Kindly state their names, location and estimated area covered:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Sn*** | ***Name of community forest/woodland*** | ***Location*** | ***Nature (natural forest, plantation, mixed*** | ***Estimated area (in ha or km2)*** |
|  |  |  |  |  |
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17. What are the challenges facing management of the forest reserves, strict nature reserve, community forest (pls tick as many as are appropriate)

|  |  |  |
| --- | --- | --- |
| ***Sn*** | ***Challenges*** | **Level**  (0 = do not occur, 1 = low, 2 = moderate, 3= high) |
|  | Forest/woodland fire |  |
|  | Excessive lumbering /over exploitation |  |
|  | Illegal tree felling |  |
|  | Charcoal production |  |
|  | Lack of fund for effective forest management |  |
|  | Inadequate number of staff for forest management |  |
|  | Lack of training for forest management staff |  |
|  | Inadequate information about the forest and woodland |  |
|  | Lack of coordinated policy direction for forest management |  |
|  | Illegal farming in protected areas |  |
|  | Lack of cooperation from local communities |  |
|  |  |  |
|  |  |  |
|  |  |  |

18. How would you generally describe the following government policies and regulations?

| **SN** | **Policies and regulations** | **Effectiveness**  (0 = not effective, 1 = low, 2 = moderate, 3= high) |
| --- | --- | --- |
|  | Registration and licensing of property hammer |  |
|  | annual renewal of logging licence |  |
|  | Appraisal of logging activities |  |
|  | Illegal felling of trees |  |
|  | Development of forest working and management plans |  |
|  | Minimum tree girth |  |
|  | Annual allowable tree cut |  |
|  | National income accounting system which include the degradation and depletion of natural resource stock |  |
|  | Promoting farming systems based on natural adaptations to reduce forest and woodland destruction |  |
|  | Strengthening forest protection to ensure adequate vegetation cover in critical areas |  |
|  | Increase support for NGOs and community tree planting programmes |  |
|  | Cultivating fast growing tree species needed to accelerate forest regeneration |  |
|  | Reducing percentage contribution of fuel wood consumption in the domestic, agric and industrial sector |  |
|  | Encourage use of alternative sources of energy (eg coal briquettes, efficient wood stoves, solar, biogas, etc) |  |
|  | Establishment of private and community woodlots |  |
|  | Promoting ecosystems compatible agroforestry practices such as bee keeping , apiculture, etc) |  |
|  | Establishment of grazing reserves to prevent vegetal destruction by herd animal |  |
|  | Involvement of communities and institutions in forest and woodland management and control |  |
|  | Nursery establishment for local tree species |  |
|  | Setting a proportion of revenue as forest trust fund (FTF) for regeneration |  |
|  | Report on annual forest regeneration activities |  |
|  | Report on maintenance of established plantations |  |
|  | Development of community-owned forest |  |
|  | Illegal farming in forest reserves |  |
|  | illegal burning of forest and woodland |  |

19. Please indicate the extent to which the following international agreements and commitments have influenced forest reserves and protected area management in your area of jurisdiction

|  |  |  |
| --- | --- | --- |
| **Sn** | **International multilateral agreements and treaties** | **Score (1,2,3,4)**  **1= not considered; 2= somehow considered; 3= strongly considered; 4= solely based on this** |
|  | RAMSAR, IUCN and other conventions of biodiversity protection |  |
|  | Kyoto Protocol - Clean Development Mechanism (CDM) |  |
|  | Kyoto Protocol – Carbon Emission Trading (CET) |  |
|  | The UN REDD+ Programme |  |
|  | The Paris Agreement on Climate change |  |
|  | Nigeria’s intended nationally determined contributions (INDC) to GHG reduction |  |
|  | Nigeria's National Communication to the UNFCCC |  |
|  | The UN Adaptation Fund (a US$100b commitment) |  |
|  | Eco-certification Programmes |  |
|  | IUCN Conservation programmes |  |
|  |  |  |
|  |  |  |
|  |  |  |

20. What are the barriers/issues to getting community and private sector involved in forest management?

|  |  |  |  |
| --- | --- | --- | --- |
| **Barrier** | **Yes** | **No** | **Remarks** |
| Policy |  |  |  |
| Institutional |  |  |  |
| Literacy |  |  |  |
| Cultural/ Religious barriers |  |  |  |
| Land disputes |  |  |  |
| Others (specify) |  |  |  |
|  |  |  |  |

21. Are there gaps identified in ongoing/planned development programs in the forestry sectors?

|  |  |  |
| --- | --- | --- |
| **Gaps** | **Yes** | **No** |
| Policy |  |  |
| Institutional |  |  |
| Financial |  |  |
| Human Resources |  |  |
| Community ownership/ acceptance |  |  |
| Cultural/ Religious barriers |  |  |
| Monitoring & Evaluation |  |  |
| Transparency/ reporting |  |  |
| Others (specify) |  |  |
|  |  |  |

22. What existing and promising forestry and woodland management options to address climate change should be assessed for investment?

|  |
| --- |
| **Forestry management options to address climate change** |
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |

**SECTION C: DRIVERS OF LANDUSE CHANGE DECISIONS**

23. How would you generally describe the vegetation and land-cover of South West Nigeria-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

24. How would you describe changes in the following vegetation and land-cover categories compared to the last 20-30 years?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SN** | **LULC categories** | **Increasing** | **Decreasing** | **No change** |
|  | Agriculture/Cropland |  |  |  |
|  | Forest land |  |  |  |
|  | Forest plantation |  |  |  |
|  | Woodland |  |  |  |
|  | Wetland |  |  |  |
|  | Grassland |  |  |  |
|  | Water |  |  |  |
|  | Bare surfaces |  |  |  |
|  | Urban areas |  |  |  |

25. Please list three (3) key issues you think are responsible for the pattern you see in the above table:

(i)----------------------------------------------------------------------------------------------------------------------------------(ii)----------------------------------------------------------------------------------------------------------------------------------(iii)---------------------------------------------------------------------------------------------------------------------------------

26. Please rate the extent to which the following proximate factors affect vegetation and Land-use change in Southwest Nigeria (***0 being no impact and 5 being extreme impact***)

| **SN** | **Proximate Land Change Factors** | **Impact type (P= Positive, N= Negative, B=Both)** | **0** | **1** | **2** | **3** | **4** | **5** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Crop Cultivation |  |  |  |  |  |  |  |
|  | Animal grazing/ranging |  |  |  |  |  |  |  |
|  | Rural agricultural migration |  |  |  |  |  |  |  |
|  | Mining |  |  |  |  |  |  |  |
|  | Transportation(eg Road and rail construction) |  |  |  |  |  |  |  |
|  | Market infrastructure construction (eg rural feeder roads, storage facilities, market stalls, small dams, etc) |  |  |  |  |  |  |  |
|  | Industrialization |  |  |  |  |  |  |  |
|  | Dams and large water impoundments |  |  |  |  |  |  |  |
|  | Lumbering/Commercial logging |  |  |  |  |  |  |  |
|  | Pole wood extraction (e.g. for electricity) |  |  |  |  |  |  |  |
|  | Fuel/firewood wood extraction |  |  |  |  |  |  |  |
|  | Charcoal production |  |  |  |  |  |  |  |
|  | Time of opening and closing of forests for lumbering |  |  |  |  |  |  |  |
|  | Afforestation efforts |  |  |  |  |  |  |  |
|  | Reforestation efforts |  |  |  |  |  |  |  |
|  | Urban growth |  |  |  |  |  |  |  |
|  | Private constructions |  |  |  |  |  |  |  |
|  | Terrain |  |  |  |  |  |  |  |
|  | Fires |  |  |  |  |  |  |  |
|  | Drought |  |  |  |  |  |  |  |
|  | Flood |  |  |  |  |  |  |  |
|  | Rainfall |  |  |  |  |  |  |  |
|  | Temperature |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

27. Please rate the extent to which the following underlying factors affect vegetation and land-use change in Southwest Nigeria (***0 being no impact and 5 being extreme impact***)

| **SN** | **Underlying Land Change Factors** | **Impact type (P= Positive, N= Negative, B=Both)** | **0** | **1** | **2** | **3** | **4** | **5** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Ecological suitabilities |  |  |  |  |  |  |  |
|  | Population increase (mouths to feed) |  |  |  |  |  |  |  |
|  | Agricultural commercialization |  |  |  |  |  |  |  |
|  | Length of Fallow period |  |  |  |  |  |  |  |
|  | Urbanization and industrialization |  |  |  |  |  |  |  |
|  | Economic diversification |  |  |  |  |  |  |  |
|  | Export production and import substitution drive |  |  |  |  |  |  |  |
|  | Formal (direct) policies on forestry |  |  |  |  |  |  |  |
|  | Informal policies (policy climate) |  |  |  |  |  |  |  |
|  | Land tenure and property rights |  |  |  |  |  |  |  |
|  | National environment and natural resource legislations |  |  |  |  |  |  |  |
|  | State environment and natural resource legislations |  |  |  |  |  |  |  |
|  | National policy on energy |  |  |  |  |  |  |  |
|  | National climate change strategy |  |  |  |  |  |  |  |
|  | National economic policy |  |  |  |  |  |  |  |
|  | National education policy as relates to the environment |  |  |  |  |  |  |  |
|  | Technological applications in the wood sector (eg recycling and use of substitute to wood) |  |  |  |  |  |  |  |
|  | Poverty |  |  |  |  |  |  |  |
|  | Social and resource conflicts |  |  |  |  |  |  |  |
|  | Public attitude, values and beliefs |  |  |  |  |  |  |  |
|  | Private sector economic interests |  |  |  |  |  |  |  |
|  | Public sector economic interests |  |  |  |  |  |  |  |
|  | Communities livelihood interest |  |  |  |  |  |  |  |
|  | Government incentives and subsidies |  |  |  |  |  |  |  |
|  | Gender factors (eg promoting women farmers) |  |  |  |  |  |  |  |
|  | REDD and carbon finance framework |  |  |  |  |  |  |  |
|  | Globalization |  |  |  |  |  |  |  |
|  | Activities of Development partners (eg World bank, IFAD, FAO, etc) |  |  |  |  |  |  |  |
|  | International multilateral conventions and commitments such as IUCN, RAMSAR, Kyoto Protocol, Paris Climate Agreement, etc |  |  |  |  |  |  |  |

28. If you are to rank in order of importance the 5 most critical drivers of land change in SW, which one will you list:

(i)-------------------------------------------------------------------------------------------------------------------------------(ii)------------------------------------------------------------------------------------------------------------------------------(iii)------------------------------------------------------------------------------------------------------------------------------(iv)------------------------------------------------------------------------------------------------------------------------------(v)----------------------------------------------------------------------------------------------------------------------------------

**THANK YOU SIR/MA FOR YOUR TIME**