**Baseline study for Fisheries Development in Telangana state**

**ANN – 5.14**

Per capita resource availability

(Area in ha)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Reservoirs** | | **Tanks** | | **Total** | |
| **TWSA** | **EWSA** | **TWSA** | **EWSA** | **TWSA** | **EWSA** |
|  |  |  |  |  |  |  |  |
|  | **Lease system** |  |  |  |  |  |  |
|  | FCS per capita | 406 | 305 | 120.98 | 56.71 | 527.24 | 361.41 |
|  | FCS member per capita | 2.07 | 1.55 | 1.83 | 0.86 | 3.89 | 2.41 |
|  | **License system** |  |  |  |  |  |  |
|  | **Licensee per capita** |  |  |  |  |  |  |
|  | Existing | 10.84 | 8.13 |  |  | 10.84 | 8.13 |
|  | Targeted | 8.23 | 6.17 |  |  | 8.23 | 6.17 |
|  | Overall total Fishermen per capita |  |  | 0.18 | 0.09 | 0.18 | 0.09 |

|  |
| --- |
| **Reservoir resources- on lease system**   * Overall av. per capita availability /FCS in study districts is 406 ha TWSA and 305 ha EWSA (based on DOF assumption of 75% as EWSA) and per member was 2.07 ha and EWSA 1.55 ha respectively. * The availability of resource/ member depends on the number of members in the FCS.   **Reservoir resources- on License system**   * Av. per capita availability/licensee fisher of study districts was 10.84 ha (EWSA 8.13 ha). * Considering the targeted licensees, the availability of resource will decrease to TWSA of 8.23 ha and EWSA of 6.17 ha respectively.   **Inference:** Higher per capita availability of reservoir resource to licensee fishers compared to leased fishers.  **Tank resources- on lease system**   * Average availability of tank resources / FCS in respect of study districts was 120.98 ha while in respect of EWSA it was 56.71 ha. * Av. availability in respect of the state is at 112.35 ha of TWSA and 53.30 ha of EWSA and is less than the study districts. * Estimated per capita availability of tank resources/FCS member was 1.83 ha TWSA and 0.86 ha of EWSA respectively and was slightly higher than state average (TWSA 1.56ha and EWSA 0.74ha ). * Per capita availability / fishermen households is meagre at TWSA 0.18 ha (less than half an acre) and EWSA of 0.09 ha and in majority of the districts, it was still less as against state av. TWSA 0.21 ha and EWSA of 0.1 ha.   **Over all resource availability**   * Per capita availability of both reservoirs and tanks to FCS under lease system is 527 ha and to member it is nearly 3.90 ha. * As license system of providing access rights for fishing is restricted to only selected reservoirs, the per capita availability/fisher is high (10.84 ha) for the existing licensees and will further reduce to 8.23 ha with increase of licenses to the fishers as targeted. The overall fishermen per capita are low 0.18 ha. |