GOVERNMENT OF INDIA

MINISTRY OF AGRICULTURE

DEPARTMENT OF ANIMNAL HUSBANDRY, DAIRYING & FISHERIES

LOK SABHA

UNSTARRED QUESTION NO. 1313

TO BE ANSWERED ON 3RD MARCH, 2015

**GIS SYSTEM FOR FISHERIES SECTOR**

1313. SHRIMATI POONAM MAHAJAN:

Will the Minister of AGRICULTURE कृषि मंत्री

be pleased to state:

1. whether the Government introduced a scheme for strengthening of database and geographical information system for fisheries sector;
2. If so, the components of the scheme and amount of funds earmarked for the same to various States;
3. whether GIS based mapping of water bodies for Maharashtra has been completed during the 11th Five Year Plan period and the 12th Five Year Plan period; and
4. if so, the details thereof, year-wise?

A N S W E R

THE MINISTER OF STATE FOR AGRICULTRE

 (DR. SANJEEV KUMAR BALIYAN)

(a)&(b) Yes, Madam. The components of the scheme are as under:

1. Sample Survey for Estimation of Inland Fishery Resources and their Potential
2. Census on Marine Fisheries
3. Catch Assessment Survey Inland and Marine Fisheries
4. Development of Geographical Information System
5. Development of database of fishery cooperative of India,
6. Mapping of smaller water bodies and development of Geographical Information System based fishery management system,
7. Strengthening of Statistical Unit at Headquarter,
8. Evaluation Studies/ Professional services,
9. Monitoring Control and Surveillance (MCS).

The component-wise earmarking of funds to various states is not done under the scheme.

(C)&(d) The GIS based mapping of water bodies of more than 0.5 ha in size in Maharashtra has been completed during 11th five Year Plan. The details are as under:

* In the year 2007-2008, procurement of image was initiated and completed.
* In the year 2008-2009, image processing and delineation of water bodies works were done.
* In the year 2009-2010, e-Atlas were prepared for the dissemination of mapping information.
* Total water area in different categories is as following.

|  |  |  |
| --- | --- | --- |
| **Category****(Hectare)** | **Total no of water bodies** | **Total area (Hectare)** |
| 0.5-2 ha | 7905 | 88575.93 |
| 2-5 ha | 4591 | 144853.78 |
| 5-10 ha | 2196 | 154712.81 |
| 10-50 ha | 2139 | 469446.11 |
| 50-100ha | 349 | 240214.03 |
| 100-500 ha | 244 | 541696.51 |
| above 500 ha | 94 | 2759012.62 |

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