

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:1313
ANSWERED ON:03.03.2015
GIS SYSTEM FOR FISHERIES SECTOR
Mahajan Smt. Poonam

Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the Government introduced a scheme for strengthening of database and geographical information system for fisheries sector;
- (b) If so, the components of the scheme and amount of funds earmarked for the same to various States;
- (c) 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
- (d) if so, the details thereof, year-wise?

Answer

THE MINISTER OF STATE FOR AGRICULTURE (DR. SANJEEV KUMAR BALIYAN)

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

- (i). Sample Survey for Estimation of Inland Fishery Resources and their Potential
- (ii). Census on Marine Fisheries
- (iii). Catch Assessment Survey Inland and Marine Fisheries
- (iv). Development of Geographical Information System
- (v). Development of database of fishery cooperative of India,
- (vi). Mapping of smaller water bodies and development of Geographical Information System based fishery management system,
- (vii). Strengthening of Statistical Unit at Headquarter,
- (viii). Evaluation Studies/ Professional services,
- (ix). 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	Total no of	Total area
(Hectare)	water bodies	(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