

GOVERNMENT OF INDIA

MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

LOK SABHA

UNSTARRED QUESTION NO. 206

ANSWERED ON 20.07.2023

CENSUS OF WATER BODIES

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Will the Minister of **JAL SHAKTI** be pleased to state:

- (a) whether the Union Government has conducted the census of water bodies in the country;
- (b) if so, the details thereof, State/UT-wise particularly in Odisha along with the time duration and the objectives thereof;
- (c) the number of water bodies existing in the urban and the rural areas, separately, State-wise including Odisha;
- (d) whether many water bodies particularly in the urban areas are encroached upon by the land mafias and others;
- (e) if so, the steps taken by the Union Government to remove such encroachments;
- (f) whether the Union Government proposes to encourage the States, particularly Odisha, to construct more water bodies where the resources are available for that; and
- (g) if so, the details in this regard along with the response of the States thereon?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) & (b) Yes, the Ministry of Jal Shakti launched the first census of water bodies in convergence with the sixth minor irrigation census (reference year 2017-18), under the centrally sponsored scheme – “Irrigation Census”. The objective of the census of water bodies is to develop a national database for all water bodies by collecting information on all important aspects of the subject including their size, condition, status of encroachments, use, storage capacity etc. After, completing all the preparatory work, the field work of the First Census of Water Bodies was launched in 2019. The field work was delayed in many States/UTs due to COVID pandemic. After successful completion of field work and data processing activities in all the 33 participating States/UTs including Odisha, the Report was published in March 2023.

(c) & (d) State-wise information on number of water bodies in rural and urban area along with reported number of cases of encroachment of water bodies as available from the first census of water bodies is given in the **Annexure I**. Out of encroached water bodies, 95.4% are in Rural and 4.5% are in Urban area. However, among rural water bodies, only 1.6% are encroached whereas among urban water bodies 2.5% Encroached.

(e) Action on reported encroachment of water bodies comes under the purview of the State Government concerned. However, from time to time Union Government has been sensitizing the State Governments regarding importance of water bodies for socio economic development and sustainable water security to the local population. Need for taking necessary steps for keeping the water bodies encroachment free, such as inclusion of water bodies in land records and making them integral part of town planning process, strict action against encroachers, etc. is also being emphasized to the State Governments by Union Government, from time to time.

(f) & (g) Planning, funding, execution and maintenance of water bodies, including their restoration, rejuvenation and conservation, is within the purview of the State Government concerned. Government of India provides technical support and, in some cases, partial financial assistance under the existing schemes, to facilitate the State Governments. Some of the major initiatives taken by Government of India for construction as well as conservation and restoration of water bodies in the country, are listed below:

1. Mahatma Gandhi National Rural Employment Guarantee Scheme (MNREGS) has provisions for public works relating to natural resource management, water conservation and water harvesting structures to augment and improve ground water like underground dykes, earthen dams, stop dams, check dams and roof top rain water harvesting structures in public buildings. The State/UT-wise details of water conservation and water harvesting works completed and ongoing under MNREGS as on 13.07.2023 since inception of the scheme is given at **Annexure II**.
2. Jal Shakti Abhiyan was launched by the Government in the year 2019 in 256 districts of the country which was later implemented across the country as 'Jal shakti Abhiyan: Catch the Rain' (JSA:CTR) in 2021. The fourth campaign in the series, JSA:CTR 2023 has been launched in March 2023. The focused interventions of the campaign include (i) water conservation and rain water harvesting (ii) enumerating, geo-tagging and making inventory of all waterbodies; preparation of scientific plans for water conservation based on it (iii) setting up of Jal Shakti Kendras in all districts (iv) intensive afforestation and (v) awareness generation. As per information available on JSA:CTR portal, the water related works completed in the State of Odisha during the period 04.03.2023 to 13.07.2023 is given at **Annexure III**.
3. Government of India is providing financial assistance to the States for creation and restoration of Irrigation Potential under Surface Minor Irrigation (SMI) and Repair, Renovation and Restoration (RRR) of Water Bodies component of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) – Har Khet Ko Pani (HKKP). The SMI & RRR of Water Bodies schemes have multiple objectives like expanding cultivable area under assured irrigation by improvement and restoration of water bodies thereby increasing the tank storage capacity and revival of lost irrigation potential, improving water use efficiency, Ground Water recharge, increased availability of drinking water, improvement of catchment of tank commands etc. Under the scheme Surface Minor Irrigation, Government of Odisha have proposed to take up 48 new Minor Irrigation Projects during the financial year 2023-24.

ANNEXURE I

ANNEXURE REFERRED TO IN REPLY TO PARTS (c) & (d) OF UNSTARRED QUESTION NO.206 TO BE ANSWERED IN LOK SABHA ON 20.07.2023 REGARDING “CENSUS OF WATER BODIES”.

State-wise number of water bodies and number of encroachments reported in the first Census of Water bodies

S.no.	States/UTs	No. of Water bodies			No. of encroached Water bodies		
		Rural	Urban	Total	Rural	Urban	Total
1	Andaman & Nicobar Islands	3497	31	3528	59	0	59
2	Andhra Pradesh	190263	514	190777	3871	49	3920
3	Arunachal Pradesh	893	100	993	0	0	0
4	Assam	170112	2380	172492	6	7	13
5	Bihar	43831	1962	45793	779	92	871
6	Chandigarh	23	165	188	0	0	0
7	Chhattisgarh	33519	481	34000	111	0	111
8	Delhi	849	44	893	199	17	216
9	Goa	1406	57	1463	8	0	8
10	Gujarat	53156	913	54069	3	19	22
11	Haryana	14898	0	14898	50	0	50
12	Himachal Pradesh	87364	653	88017	42	0	42
13	Jammu & Kashmir	9687	78	9765	102	1	103
14	Jharkhand	106176	1422	107598	559	1	560
15	Karnataka	26224	789	27013	948	0	948
16	Kerala	49725	6009	55734	103	8	111
17	Madhya Pradesh	81012	1631	82643	1750	29	1779
18	Maharashtra	96343	719	97062	251	0	251
19	Manipur	1369	289	1658	0	6	6
20	Meghalaya	12798	534	13332	6	0	6
21	Mizoram	1436	749	2185	4	3	7
22	Nagaland	1287	145	1432	1	0	1
23	Odisha	178054	3783	181837	1028	20	1048
24	Puducherry	1050	121	1171	26	8	34
25	Punjab	15831	181	16012	1577	1	1578
26	Rajasthan	16750	189	16939	45	2	47
27	Sikkim	122	12	134	0	0	0
28	Tamil Nadu	99414	7543	106957	7360	1006	8366
29	Telangana	63063	992	64055	2920	112	3032
30	Tripura	32140	4099	36239	1	0	1
31	Uttarakhand	2970	126	3096	4	1	5
32	Uttar Pradesh	240139	4948	245087	14923	378	15301
33	West Bengal	719654	27826	747480	0	0	0
TOTAL		2355055	69485	2424540	36736	1760	38496

ANNEXURE II

ANNEXURE REFERRED TO IN REPLY TO PARTS (f) & (g) OF UNSTARRED QUESTION NO.206 TO BE ANSWERED IN LOK SABHA ON 20.07.2023 REGARDING “CENSUS OF WATER BODIES”.

State/UT-wise details of water conservation and water harvesting works completed and ongoing under Mahatma Gandhi NREGS as on 13.07.2023 since inception of the scheme.

S.no.	States/UTs	Completed	Ongoing
1	Andhra Pradesh	333247	27470
2	Arunachal Pradesh	1236	386
3	Assam	29481	18173
4	Bihar	125996	56215
5	Chhattisgarh	195933	35095
6	Goa	157	83
7	Gujarat	157744	25120
8	Haryana	15324	2138
9	Himachal Pradesh	99884	9522
10	Jammu And Kashmir	43591	26923
11	Jharkhand	399528	14774
12	Karnataka	398729	118897
13	Kerala	441775	65902
14	Ladakh	718	257
15	Madhya Pradesh	736820	126572
16	Maharashtra	211233	14323
17	Manipur	10634	3273
18	Meghalaya	20460	10111
19	Mizoram	8682	337
20	Nagaland	5059	826
21	Odisha	138620	83393
22	Punjab	4161	2282
23	Rajasthan	183831	92357
24	Sikkim	4268	768
25	Tamil Nadu	434021	70622
26	Telangana	522817	83634
27	Tripura	141838	3051
28	Uttar Pradesh	493083	113963
29	Uttarakhand	80478	13117
30	West Bengal	379338	66048
31	Andaman And Nicobar	397	101
32	Dadra and Nagar Haveli and Daman and Diu	1	3
33	Lakshadweep	50	34
34	Puducherry	354	56
TOTAL		5619488	1085826

ANNEXURE III

ANNEXURE REFERRED TO IN REPLY TO PARTS (f) & (g) OF UNSTARRED QUESTION NO.206 TO BE ANSWERED IN LOK SABHA ON 20.07.2023 REGARDING “CENSUS OF WATER BODIES”.

JSA:CTR 2023 Intervention wise Progress Report (Odisha)

S.no.	District Name	Water Conservation and Rain Water Harvesting	Renovation of Traditional Water Bodies	Reuse and Recharge Structures	Watershed Development
1	Anugul	765	38	21	303
2	Balangir	397	136	8	857
3	Baleshwar	447	36	47	328
4	Bargarh	1237	354	538	666
5	Bhadrak	289	29	108	294
6	Boudh	84	46	12	29
7	Cuttack	451	73	266	794
8	Deogarh	104	19	2	93
9	Dhenkanal	230	39	45	126
10	Gajapati	178	15	164	367
11	Ganjam	1095	799	152	1505
12	Jagatsinghapur	90	29	86	169
13	Jajapur	215	44	134	240
14	Jharsuguda	68	19	19	263
15	Kalahandi	296	163	235	1709
16	Kandhamal	481	10	348	646
17	Kendrapara	9	15	6	44
18	Kendujhar	1017	118	66	746
19	Khordha	126	88	63	345
20	Koraput	1735	67	61	722
21	Malkangiri	394	8	42	339
22	Mayurbhanj	1381	77	128	752
23	Nabarangpur	195	70	13	319
24	Nayagarh	69	24	52	97
25	Nuapada	403	96	56	826
26	Puri	156	85	18	345
27	Rayagada	168	33	28	859
28	Sambalpur	347	19	393	338
29	Sonepur	53	26	0	51
30	Sundargarh	697	107	40	1160
TOTAL		13177	2682	3151	15332
