GOVERNMENT OF INDIA MINISTRY OF JAL SHAKTI, DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION LOK SABHA UNSTARRED QUESTION NO. 1766 ANSWERED ON 28.11.2019

MANAGEMENT OF WATER RESOURCES

1766. SHRI GAJANAN KIRTIKAR SHRI SANJAY SADASHIV RAO MANDLIK SHRI BIDYUT BARAN MAHATO

SHRI PRATAPRAO JADHAV SHRI SUDHEER GUPTA

Will the Minister of JAL SHAKTI be pleased to state:

(a) whether the Government is implementing a number of schemes with active participation of the States and National Hydrology Project (NHP) to strive for sustainable development and management of water resources and if so, the details thereof;

(b) the names and details of stakeholders being involved in the implementation of this project;

(c) whether the Government proposes to use NHP as a platform to develop tools and systems for informed decision making in field of flood management, reservoir operations, drought management, etc. and if so, the details thereof;

(d) whether the Government proposes to use information system and adopt State-of-the-art technologies in water resources management with the involvement of State and Central sector organizations for building the capacity under this project and if so, the details thereof and the steps taken to achieve the objective; and

(e) whether a series of annual conferences with the theme Sustainable Water Management are being organised under NHP to discuss evolving water management challenges and opportunities in the country and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI & SOCIAL JUSTICE AND EMPOWERMENT (SHRI RATTAN LAL KATARIA)

(a) Department of Water Resources, River development and Ganga Rejuvenation, Ministry of Jal Shakti, is implementing the National Hydrology Project, with World Bank assistance, as a Central Sector Scheme with a total outlay of Rs.3640 crore. The Project Objective of National Hydrology Project is "To improve the extent, quality, and accessibility of water resources information, decision support system for floods and basin level resource assessment/planning and to strengthen the capacity of targeted water resources professionals and management institutions in India."

(b) The details of Implementing Agencies are at **Annexure**.

(c) Government of India under National Hydrology Project is providing funds to Implementing Agencies for optimization of reservoir operation, up scaling of flood forecasting activities, issuance of inundation advisory at selected locations in the flood prone area and development of strategic tool for planning and management of water resources including drought at basin/sub-basin level.

(d) Under National Hydrology Project, the first version of the water resource information system was launched on 30th July, 2019 comprising of various dashboards for rainfall, reservoirs, river stations, ground water stations, soil moisture and evapo-transpiration, etc. for informed decision making. Also, various other information products such as water resource projects, water bodies and online web editor, etc have been developed. Further, a National Water Informatics Centre has been established to act as central repository for water resource data and information dissemination. Also, the capacity building of Implementing Agencies has been taken up under the project and till now more than 3000 officers of central and state organization have been imparted training to achieve the objective of better management of water resources.

(e) Under the National Hydrology Project, two International Conferences on "Sustainable Water Management" has been organized at Chandigarh and Pune in 2018 and 2019 respectively.

Annexure referred to in reply to part (b) of Unstarred Question No. 1766 to be answered in Lok Sabha on 28.11.2019 regarding "MANAGEMENT OF WATER RESOURCES"

The details of Implementing Agencies under National Hydrology Project:

1.	Andhra Pradesh (GW)	Ground Water and Water Audit Department, Government of Andhra Pradesh
2.	Andhra Pradesh (SW)	Water Resources Department, Government of Andhra Pradesh.
3.	Assam	Assam Water Research and Management Institute Society, Government of Assam.
4.	Bihar (GW)	Minor Water Resources Department, Government of Bihar
5.	Bihar (SW)	Water And Land Management Institute (WALMI), Government of Bihar
6.	Chhattisgarh (GW)	Water Resources Department, Government of Chhattisgarh
7.	Chhattisgarh (SW)	Water Resources Department, Government of Chhattisgarh
		The Superintending Engineering, Circle-V, Water Resources Department",
8.	Goa	Government of Goa
9.	Gujarat (GW)	Narmada, Water Resources, Water Supply & Kalpsar Department, Government of Gujarat
10.	Gujarat (SW)	Narmada, Water Resources, Water Supply & Kalpsar Department, Government of Gujarat
11.	Haryana (SW)	Haryana Irrigation and Water Resources Department, Government of Haryana.
12.	Himachal Pradesh	Irrigation and Public Health Department, Government of Himachal Pradesh
13.	Jharkhand	Water Resources Department, Government of Jharkhand
14.	Karnataka (SW)	Water Resources Department, Government of Karnataka
15.	Kerala (GW)	Water Resources Department Government of Kerala
16.	Kerala (SW)	Irrigation Department, Government of Kerala (Kerala (SW)
17.	Madhya Pradesh	Water Resources Department government of Madhya Pradesh
18.	Maharashtra (GW)	Ground Water Surveys and Development Agency, Government of Maharashtra.
19.	Maharashtra (SW)	Water Resources Department, Government of Maharashtra
20.	Manipur	Irrigation and Flood Control Department, Government of Manipur
21.	Meghalaya	Water Resources Department, Government of Meghalaya.
22.	Mizoram	Irrigation and Water Resources Department, Government of Mizoram.
23.	Nagaland	Irrigation and Flood Control Department, Government of Nagaland.
24.	Odisha (GW)	Directorate of Ground Water Development, Odisha, Government of Odisha
25.	Odisha (SW)	Department of Water Resources, Government of Odisha
26.	Punjab	Water Resources Department, Government of Punjab
27.	Rajasthan	Water Resources Department, Government of Rajasthan
28.	Sikkim	Water Resources and River Development Department, Government of Sikkim.
29.	Tamil Nadu	PWD, (Water Resources Department) Government of TamilNadu
30.	Telangana (GW)	Ground Water Department, Government of Telangana
31.	Telangana (SW)	Irrigation & CAD Department, Government of Telangana.
32.	Tripura	PWD (Water Resources), Government of Tripura
33.	Uttar Pradesh (SW)	Irrigation and water Resources Department, Government of Uttar Pradesh.
34.	Uttar Pradesh(GW)	Ground Water Department, Government of Uttar Pradesh.
35.	Uttarakhand	Irrigation Department, Uttarakhand
36.	West Bengal (GW)	Water Investigation Directorate, Government of West Bengal
37.	West Bengal (SW)	Irrigation and Waterways Department, Government of West Bengal
38.	Delhi	Irrigation and Flood Control Department and Delhi Jal Board, Govt. of NCT Delhi
39.	Puducherry	Puducherry Water Resources Organization, Government of Puducherry.
40.	NRSC	National Remote Sensing Centre, Hyderabad
41.	SOI	Survey of India, Dehradun
42.	BBMB	Bhakra Beas Management Board, Chandigarh
43.	CPCB	Central Pollution Control Board, New Delhi
44.	DVC	Damodar Valley Corporation, Kolkata
45.	NIH	National Institute of Hydrology, Roorkee
46.	DoWR, RD & GR	Department of Water Resources, River Development and Ganga Rejunuvation,
17		Ministry of Jal Shakti Come Water Commission, Ministry of Jal Shakti
47. 48.	CWC	Cenre Water Commission, Ministry of Jal Shakti
	CGWB	Central Ground Water Board, Ministry of Jal Shakti
49. 50.	CWPRS NWIC	Central Water and Power Research Station, Ministry of Jal Shakti National Water Informatics Centre, Ministry of Jal Shakti
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