

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

LOK SABHA

UNSTARRED QUESTION NO. 1101

ANSWERED ON 08.02.2024

DESILTING OF RIVERS

†1101. SHRI SUNIL KUMAR

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

- (a) the details of measures taken to remove silt from rivers;
- (b) whether any work has been done to remove silt from Gandak river flowing through Valmiki nagar;
- (c) if so, the details thereof;
- (d) whether any review has been conducted with regard to damages caused due to floods in the Gandak river every year; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) Erosion and deposition of silt is a natural process in alluvial rivers. Rivers pickup, carry and drop silt load as per their regime conditions i.e. discharge in the river, river slope, morphology, nature of silt etc. The desilting measures including dredging in specific reaches of rivers for removal of drainage congestion, channel capacity improvement and navigation purpose are formulated and implemented by concerned States/agencies as per requirement.

For the management of sediments in a holistic manner, the Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, in extensive consultations with Central Government Ministries/ Departments/ State Governments/ UTs has prepared the “National Framework for Sediment Management” (NFSM). The framework lays emphasis on sediment management through integrated river basin management plan. It provides reference to all existing guidelines/ policies dealing with the various aspect of the sediment management. The framework will facilitate the concerned stakeholders such as the State Governments, other Ministries, Departments, etc. in planning strategies and implementation of projects giving due consideration to environment and ecology.

(b) & (c) State Government of Bihar has intimated that dredging/desilting of Gandak river, upstream of Gandak Barrage, Valmiki Nagar has been carried out to remove silt in the year 2019-20 wherein 1,68,464 cubic meter quantity of silt has been removed.

(d) & (e) The river wise data on flood damages, is not maintained centrally, however, state wise data on flood damages is compiled by Central Water Commission based on information received from concerned states. The flood damage data pertaining to Bihar for last 3 years i.e. 2019 to 2021 is given at **Annexure**.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (d) & (e) OF UNSTARRED QUESTION NO. 1101 TO BE ANSWERED IN LOK SABHA ON 08.02.2024 REGARDING “DESILTING OF RIVERS”.

STATEMENT SHOWING FLOOD DAMAGE IN THE STATE OF BIHAR (DURING 2019-2021)

Sl. No.	Year	Area affected in	Population Affected in	Damage to Crops		Damage to Houses		Cattle lost	Human lives lost	Damage to public utilities	Total damages crops, house, & public utilities
		M ha.	Million	Area M ha.	Value in Rs. Crore	Nos.	Value in Rs. Crore	Nos.	Nos.	in Rs. Crore	in Rs. Crore
1	2019	1.061	14.94	0.357	446.63	45161	27.95	183	300	167.50	642.08
2	2020	0.77	10.23	0.52	727.88	18775	11.70	133	62	70.62	810.19
3	2021	1.00	8.26	0.65	929.60	12289	10.24	99	70	5505.02	6444.86
