

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI,  
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**STARRED QUESTION NO. †\*340**  
ANSWERED ON 18.03.2021

**SOIL EROSION DUE TO FLOODS**

†\*340. SHRI DULAL CHAND GOSWAMI

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether the Government is formulating any scheme to check the soil erosion caused due to the massive floods in the major rivers of West Bengal and Bihar like Mahananda and Ganga;
- (b) if so, the details thereof;
- (c) whether large population of villages in Kadwa, Azampur, Pranpur and Amdabad blocks in Katihar district of Bihar are affected from the massive soil erosion caused by floods in Mahananda and Ganga rivers; and
- (d) if so, the details thereof along with the action taken/proposed to be taken by the Government in this regard?

**ANSWER**

THE MINISTER OF JAL SHAKTI

(SHRI GAJENDRA SINGH SHEKHAWAT)

- (a) to (d) A statement is laid on the Table of the House.

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO.†\*340 TO BE ANSWERED IN LOK SABHA ON 18.03.2021 REGARDING “SOIL EROSION DUE TO FLOODS” ASKED BY SHRI DULAL CHAND GOSWAMI, HON’BLE M.P.**

(a) & (b) Soil erosion is caused by heavy floods and is a dynamic and natural process resulting in changes in river course and causing loss of land, the intensity of which varies with time and space. The flood management and anti-erosion schemes are planned, investigated and implemented by State Governments with their own resources as per their priority. The Union Government supplements the efforts of the States by providing technical guidance and promotional financial assistance for management of floods in critical areas. The Government of India has been making continuous efforts to assist the State Governments in effective flood management. During XI Plan Government of India had launched Flood Management Programme (FMP) for providing Central Assistance to States for works related to river management, flood control, anti-erosion, drainage development, anti-sea erosion, etc. which continued during XII Plan and thereafter as a component of "Flood Management and Border Areas Programme" (FMBAP) for the period from 2017-18 to 2020-21.

Central assistance amounting to Rs.148.67 Crores has been released to State Governments of Bihar and West Bengal for various flood management/ anti erosion projects on river Ganga and Mahananda under FMP as per the **Annexure I**

(c) & (d) The Central Water Commission compiles flood damage data state-wise as reported by states and the district-wise data is not maintained centrally. However, it has been reported that State Government of Bihar is constructing new flood embankments about 1195.87 Km in length on either side of different rivers such as Mahananda, Mechl, Donk, Kankai and Ratwa in upper reach of Mahananda Basin under Mahananda Flood Management Scheme. Similarly, for the construction of new embankment along the river Ganga for protecting Amdabad Block from soil erosion, land acquisition process has been taken up.

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**Annexure referred to Part (a) & (b) of Lok Sabha Starred Question No.†\*340 to be answered on 18.03.2021 regarding “Soil Erosion due to Floods”**

<b>A. Central Assistance released to State of Bihar under Flood Management Programme</b>				
S.N	Scheme Code No.	Name of Scheme/ State	River/ Tributary	Total CA Released (Rs. Lakhs)
1	Br-22	Anti erosion works on left bank of river Ganga near Hetampur & Kasimchak in Danapur Diara with restoration work.	Ganga	911.33
2	Br-24	Anti Erosion Work on the left bank of River Ganga near Mathurapur village under Dighwara Block of Saran district of Bihar.	Ganga	70.20
3	Br-25	Anti erosion work on right bank of river Ganga at Neeknamtola.	Ganga	124.08
4	Br-26	Anti erosion work on left bank of right channel of river Ganga in Raghopur Diara.	Ganga	464.20
5	Br-29	Anti erosion work on right bank of river Ganga near Maniyarchak village.	Ganga	258.65
6	Br-30	Anti erosion work near village Mohli <b>Taufeer Diyara</b> under Munger district of Bihar.	Ganga	505.43
7	Br-33	Anti-erosion works at Rustampur, Jafarabad-Jahangirpur and Jafarabad-Sukumarapur villages in Raghopur diara along river Ganga in district Vaishali.	Ganga	985.87
8	Br-36	Anti-erosion work in between 135 - 160 ch. (sector-B) near village Kewatia, 143 -160.38 ch. near village Majharia & 1491 -1505.75 ch. near village Nainijore (sector - C) of BKG embankment on right bank of Ganga in districts Bhojpur & Buxar in Bihar.	Ganga	529.39
9	Br-37	Anti-erosion works "Restoration of spurs & retired line embankment" in Jarlahi-Karhagola scheme on the left bank of river Ganga in Katihar distt. of Bihar.	Ganga	698.60
10	Br-38	Mahananda Flood Management Scheme in distt Katihar (Phase I).	Mahananda	6880.06
11	Br-43	Anti erosion work with Breach closure work at KM (Ch 688) of Lava Chaukia Paharpur near Govindpur right embankmet of mahananda river and raising 7 strengthening of azamnagar ring bund from 0.00 Km to 2.58 Km (Ch. 84.50) on Left embankment of Mahananda river in the state of Bihar	Mahananda	580.07
				12007.88
<b>B. Central Assistance released to State of West Bengal under Flood Management Programme</b>				
S.N.	Scheme Code No.	Name of Scheme/ State	River/ Tributary	Total CA Released (Rs. Lakhs)
1	WB10	Retirement of severely damaged Sea-dyke and protection by revetment with Concrete Block Pitching at Mouza Gobardhanpur (South-East Face) facing Bay of Bengal between Ch 2.25 km to 2.95 km in P.S. Patharpratima in the district of South 24 Parganas.	Ganga	138.00
2	WB12	Raising & Strengthening of Sundarban Embankment by Cement Concrete Block Pitching at Mouza Patibonia (in reaches AB, BC, CD and DQ) from 6.80 km to 8.24 km facing Bay of Bengal in PS Namkhana, Distt. South 24-Parganas.	Ganga	812.75
3	WB15	Bank protection works along the right bank of river Ganga-Padma at Ichalipara, Moya, Galadarya, Paschim Beechpara (Bamnapad) in district Murshidabad and Bousmari in district Nadia, West Bengal.	Ganga-Padma	1909.50
				2860.25