

WRITTEN ANSWERS TO STARRED QUESTIONS**Soil erosion on banks of river Ganga**

†*256. SHRI AHMAD ASHFAQUE KARIM: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

(a) whether the lands and homes of people living at Manihari, Amdabad, Barari and Kursaila blocks of Katihar district in Bihar have been destroyed, due to erosion of banks by river Ganga making the lives of people of this most backward area miserable;

(b) whether Government has any effective plan to stop such erosion of banks by river Ganga in such regions; and

(c) whether Government has any plan to provide compensation to such victims due to erosion of banks by river Ganga?

THE MINISTER OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (SHRI NITIN JAIRAM GADKARI): (a) to (c) Soil erosion by rivers is a dynamic and natural process resulting in changes in river course and causing loss of land and property, the intensity of which varies with time and space.

As per information received from Government of Bihar, Gandhi Tola, Baghmara Panchayat, Bauli Panchayat etc. falling under State legislative constituency of Manihari located in Katihar District of Bihar are affected by erosion problem due to river Ganga.

A project proposal "Protection work of left edge of river Ganga from Kewala village to Baghmara village in a length of 5200m" prepared by Government of Bihar has been accepted by Advisory Committee of Ministry of Water Resources, River Development and Ganga Rejuvenation (MoWR, RD & GR) in its 135th meeting held on 12.03.2018 for an estimated cost of ₹66.26 crore at 2015 price level. Due to increase in estimated cost at 2017 price level, the State Government of Bihar has submitted the revised estimate proposal of the above project amounting to ₹ 106.0189 crore to Ganga Flood Control Commission (GFCC). The State Government has informed that during flood season, flood protection works as required are carried out to protect the area from erosion.

The Morphological Study for River Ganga using Remote Sensing Technique has been conducted by IIT, Roorkee as a Consultant to Central Water Commission (CWC). From the remote sensing imagery it has been found that both erosion and deposition

†Original notice of the question was received in Hindi.

has occurred in different reaches between 1970 and 2010, the details of which are given in Statement (*See below*).

The schemes for flood control and anti-erosion works etc. are formulated and implemented by concerned States as per their priority. The Union Government supplements the efforts of the States by way of technical guidance and promotional financial assistance to the States in critical areas. The 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, flood proofing works, restoration of damaged flood management works etc. In the State of Bihar, a total of 47 schemes have been included under Flood Management Programme (FMP). Under FMP Central Assistance of ₹924.40 crore has been released to the State of Bihar till December, 2018. Further, the Central Assistance of amount ₹276.63 crore has been released to Government of Bihar for the anti-erosion works recommended by Kosi High Level Committee in Border areas under River Management Activities and Works related to Border Areas (RMBA) scheme of Government of India.

During any flood disaster, relief measures are undertaken by the State Disaster Management Authorities (SDMAs) and expenditure on this account is met from State Disaster Response Fund (SDRF). The MHA also provides assistance in deployment of para-Military Forces and medical help as per requirement. Additional Central Assistance is also provided by Ministry of Home Affairs (MHA) to severely flood affected States from National Disaster Response Fund (NDRF) if required, for undertaking immediate relief measures on the basis of assessment of damage and required relief measures by Inter-Ministerial Central Teams and on recommendation of Inter-Ministerial Group headed by Secretary, MHA.

Statement

Details of erosion and sedimentation area from remote sensing imagery have been calculated between 1970 and 2010 for Ganga River
Erosion and deposition of Ganga river on the basis of extreme
left and right banks

Chainage (km)	Erosion (ha)	Deposition (ha)	Erosion+ Deposition (ha)	Net Erosion/ Deposition (ha)	Remarks (nearby places in reach)
1	2	3	4	5	6
0-50	-4289.32	724.00	3402.12	-3565.32	0- Farraka
50-100	-5381.91	4658.13	4093.43	-723.78	Shibganj

1	2	3	4	5	6
100-150	-4145.91	10973.13	3769.99	6827.22	Kahalgaon
150-200	-3004.61	13231.59	5450.95	10226.98	Barari, Bhagalpur
200-250	-2118.45	9999.95	4741.05	7881.50	Munger
250-300	-1404.24	1063.55	4103.81	-340.69	Begusarai
300-350	-1580.38	5653.20	1314.52	4072.82	Barhiya
350-400	-1044.42	2161.91	1150.81	1117.49	Near Patna
400-450	-1628.96	1136.23	2727.92	-492.73	
450-500	-2527.75	3941.74	4106.60	1413.98	Ghazipur
500-550	-1506.72	4675.85	2309.24	3169.13	Simri
550-600	-899.28	1694.85	690.36	795.57	

Note:- '0' chainage is at Farakka

Flyover at Golagamudi junction in Nellore, Andhra Pradesh

*257. SHRI PRABHAKAR REDDY VEMIREDDY: Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether any request has been received in the Ministry or National Highways Authority of India (NHAI) for construction of a flyover at Golagamudi junction, where National Highways of Kolkata and Chennai sections intersect, in Nellore district of Andhra Pradesh on NH-16;

(b) whether the Ministry or NHAI is aware that engineering college students, devotees and common people face extreme difficulties in crossing the road and many accidents have taken place on this dangerous intersection; and

(c) if so, steps taken by Ministry to construct a flyover at Golagamudi junction to avoid accidents and ensure smooth flow of traffic?

THE MINISTER OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (SHRI NITIN JAIRAM GADKARI): (a) to (c) Yes Sir. The issue of road safety of users at Golagamudi Junction was discussed in the meeting of the Road Safety Committee of Nellore district. Accordingly, the National Highways Authority of