

GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES,  
RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1070**  
ANSWERED ON 08.02.2018

**CHANGE OF COURSE BY GANGA AND SARAYU RIVERS**

1070. SHRI RAJIV PRATAP RUDY

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether it is a fact that rivers Ganga and Sarayu on the border of Bihar and Uttar Pradesh located in Saran and Balia districts are changing their course;
- (b) if so, whether any survey/ assessment of the cause of these changes has been made or is being made and if so, the details and the outcome thereof;
- (c) whether the Government has held any consultations with the concerned States in this regard and if so, the details and the outcome thereof; and
- (d) the measures taken by the Government to ensure that Sitab Diara area located in Saran region of Bihar is not inundated by floods due to changing course of these rivers?

**ANSWER**

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION & PARLIAMENTARY AFFAIRS

(SHRI ARJUN RAM MEGHWAL)

(a) & (b) Erosion and deposition are natural processes of a river, due to which morphology of a river changes with time. In this regard, it is informed that a MoU was signed between IIT, Roorkee and Central Water Commission to carry out the morphological study of river Ganga. In the study, shifting of the Ganga river is calculated on the basis of center line of year 2010. Center line of year 2010 is perpendicularly bisected at a regular interval of 2 km. The shift of left bank, right bank and center line in left and right directions has been computed for the years 1970, 1980, 1990 and 2000 with respect to year 2010 in GIS software. No study for assessment of change in course of Sarayu River is available.

(c) & (d) A Team of the officers of Ganga Flood Control Commission (GFCC) under the Ministry and concerned officers of Governments of Uttar Pradesh & Bihar had inspected the Ghaghra river site near Sitabdiara village for assessment of the problem of flood and erosion. Based on the inspection report of the above Team, the Governments of Uttar Pradesh and Bihar have formulated Detailed Project Reports (DPRs) to address the problem of flood and erosion at Sitabdiara in their respective jurisdictions and submitted the same to GFCC in May and June, 2016 respectively for techno-economic appraisal.

The Project proposal for "Construction of Ring bund for protection work of Sitabdiara village (Birth Place of Loknayakan Jay Prakash Narayan)" submitted by Government of Bihar at an estimated cost of Rs. 92.3123 crore was accepted by Advisory Committee of MoWR, RD & GR in its 131<sup>st</sup> meeting held on 16.11.2016 subject to certain conditions including optimization of cost estimate afresh.

The Project proposal for "Construction of ring bund for protection of Sitabdiara village (Birth place of Loknayakan Jayprakash Narayan)" and village group of Ibrahimabad-Naubrar in District Ballia submitted by Government of Uttar Pradesh at an estimated cost of Rs.40.4976 crore was accepted by Advisory Committee of MoWR, RD & GR in its 131<sup>st</sup> meeting held on 16.11.2016 subject to certain conditions including optimization of cost estimate afresh.

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