

GOVERNMENT OF INDIA

MINISTRY OF JAL SHAKTI

DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION

LOK SABHA

UNSTARRED QUESTION NO. 2495

ANSWERED ON 13.03.2025

CONSTANT RIVERBANK EROSION IN ASSAM

2495. MD. RAKIBUL HUSSAIN

Will the Minister of JAL SHAKTI be pleased to state:

(a) whether the Government is aware of the Climate Resilient Brahmaputra Integrated Flood and Riverbank Erosion Risk Management Project in Assam, if so, the details of the progress made so far, district-wise;

(b) whether the Government has identified the States where riverbank erosion is prevalent or rising, if so, the details thereof and if not, the reasons therefor;

(c) whether the Government is planning to introduce any new scheme or policy to prevent riverbank erosion in the country, if so, the details thereof and if not, the reasons therefor; and

(d) whether the Government is planning to declare the flood and erosion problems of Assam as a national problem to resolve the issue more effectively, if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI RAJ BHUSHAN CHOUDHARY)

(a) The Climate Resilient Brahmaputra Integrated Flood and River Bank Erosion Risk Management Project (funded by Asian Development Bank) in Assam focuses on the main stem of the Brahmaputra River to strengthen flood and riverbank erosion risk management.

The 154th meeting of Advisory Committee of Department of Water Resources, RD&GR on Irrigation, Flood Control & Multipurpose Project held in the month of December 2023 has accepted the four (4) schemes under the above-mentioned project. The details of scheme are as mentioned below:

Sl.No.	Name of the schemes	Estimated cost (in Cr.)
1	Climate Resilient Brahmaputra Integrated Flood and Riverbank Erosion Risk Management Project -Dibrugarh and Tinsukia Sub Project (Zone-A).	778.7849
2.	Climate Resilient Brahmaputra Integrated Flood and Riverbank Erosion risk Management Project -Morigaon Nagaon Tezpur Sub project (Zone-B)	676.5080
3.	Climate Resilient Brahmaputra Integrated Flood and Riverbank Erosion Risk management Project in Assam-Guwahati West P.G.P Sub project (Zone-C)	269.5371
4.	Climate Resilient Brahmaputra Integrated Flood and Riverbank Erosion Risk Management Project in Assam-Goalpara Dhubri sub project (Zone D)	542.498

(b) In order to study morphological changes in the rivers, CWC has carried out Morphological Studies for river Brahmaputra, Subansiri and Pagladiya using remote sensing through Consultancy with IIT Guwahati. As per the morphological study of river Brahmaputra (for the stretch in Indian portion), it has been estimated that erosion of 252.6 sq.km and deposition of 118.6 sq.km occurred during 2003-05 and 2008-11. The reports of the same can be accessed at: <https://cwc.gov.in/morphology> of Indian rivers.

The Water Resources Department, Govt. of Assam has identified the location where riverbank erosion is prevalent or rising and has taken up different schemes on regular basis to resolve the issue of riverbank erosion. The details is enclosed in **Annexure**.

(c) Flood management and anti-erosion schemes are formulated and implemented by concerned State Governments as per their priority. The Union Government supplements the efforts of the States by providing technical guidance and also promotional financial assistance for management of floods in critical areas.

To strengthen the structural measures of flood management, Ministry had implemented during XI & XII Plan 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 subsequently continued as a component of "Flood Management and Border Areas Programme" (FMBAP) for the period from 2017-18 to 2020-21 and further extended up to March, 2026 with total outlay of Rs. 4,100 crores. Total Central assistance amounting to Rs 7235 Cr. has been released under FMP component to various states up to February 2025.

(d) The primary responsibility of disaster management rests with the State Government concerned. The Central Government supplements the efforts of the State Government and provides requisite logistics and financial support. The State Government undertakes assessment of damages caused due to 12 notified natural calamities including rain and floods and provide relief assistance from State Disaster Response Fund (SDRF) already placed at their disposal as per Government of India's approved norms. Additional financial assistance is provided from National Disaster Response Fund (NDRF), as per laid down procedure in case of disaster of 'severe nature' which includes an assessment based on the visit of an Inter-Ministerial Central Team (IMCT).

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 2495 TO BE ANSWERED IN LOK SABHA ON 13.03.2025 REGARDING “CONSTANT RIVERBANK EROSION IN ASSAM”.

LIST OF EROSION AFFECTED AREAS IN THE STATE OF ASSAM

Sl No	District	Name of River	Erosion affected areas	Total no of affected area
1	Dibrugarh	Brahmaputra	Dinjan, Pukhurijan, Balijan, Bogoritolia, Nagaghuli, Philonbari, Chndmarighat, Amaraguri, Mohanaghat, Nagakhelia to Tingkhang matikota Aaithan	20
		Burhidihing	Jagungaon, Namphakial, Noktegaon, Holokonimajuli, Tikirabali, Sesanepali, Kothalguri, Bhogamur block Gaon, Borbeel Kholohamari, Moinagaon	
2	South Salmara Mancachar	Brahmaputra	Akondor char, Tumoni, Sukh char, Kukradanga	8
		Kalu	Urarbhui, Kalapani, Tangaon, Kumarghati	
3	Goalpara	Brahmaputra	Damabri, Tulsibari, Suparibhita, Moamari, Khutamari, Baladmari, Hurkakuchi	15
		Dudhnoi	Shantinagar, Sarapara, Upartola, Bamunpara, Mujkuri	
		Krishnai	Krishnai Bazar, Dairong, Koliashastra	
4	Nagaon	Brahmaputra	Dhing Moamari, Laokhoa Bhorabondha	13
		Kapili	Kachua, Bamunijaan, Kholihamari, 1 No Nelipar, South Changchaki, Ghilani, Balitop, Baregoga, Nijonarikoli, Changchaki, Borchung, Garokhunda, Hatimura	
5	Biswanath	Brahmaputra	Kumolia Phorsati, Singimari Kalakati, Nobazar Islampur, Soaguri, Sanyashi Gaon, Rangchali Doloni, Paken	17
		Borgang	Borajuli, Tumbari	
		Buroi	Roumari, Bihmari	
		Chatrang	Middle Chatrang, Tongia, Gopal Basti	
		Brahmajaan	Doriakhata, Bornipothar, Jogibari,	
6	Tinisukia	Brahmaputra	Hatighuli	1
7	Morigaon	Brahmaputra	Kathoni, Balidunga, Kupotimari, Tengaguri, Doloi gaon, Borduatup, Boramari, Gorubondha, Betoni	30
		Pokoria	Borpam, Teteliguri	
		Kolong	Solmaritup-Narmari, Tengaguri-Phulguri, Balipathar, Bochonaghat	
		Kapili	Baghjap, Notun Bongalbari, Bangphai Gaon, Ahotguri, South Dharamtul, Muladhari, Sonowabori, Ahotguripam	
		Kiling	Matiparvat, Daborghat, Borkhal, Sindhichar, Naldhora, Matiparvat Masjid	
8	Majuli	Brahmaputra	Jugunidhari	1
9	Cachar	Barak	Sripur, Katigorah, Sealtek, Srigauri High School area	6
		Surma	Batorchuk	
10	Dhemaji	Brahmaputra	Panbari, Gerjai	3
		Chimen	Satghori	
11	Charaideo	Dichang	Bhelguri, Shyamgaon, Goriagaon, Mohan gaon, Nepali Gaon, Rongsual, Banhporia, Mugachumoni Baruah Nagar, Kishipam, Nepali basti	13
		Diroi	Poroshoni, Koroiguridubi	

Sl No	District	Name of River	Erosion affected areas	Total no of affected area
		Taokak	Joyanagar	
12	Baksa	Pagladia	Nijborshila	2
		Palla	Koimari gaon	
13	Darrang	Brahmaputra	Aporiya to Kirakara, Kurua, Dhalpur Shiv Mandir,	14
		Dhanshiri	Ghiladhari, Rahmanpur, Thalthali, Besimari, Shyampur	
		Tangni	Niz-Baruahjhar-A, Niz-Baruahjhar-B, Thekerabari, Kuwari Pukhuri	
		Mongoldai	40 No. Gerimari, Chereng, Saloipara	
14	Golaghat	Dhansiri	Salmora Dhansiripar, Bam Singimari, No2 Padumoni	24
		Doyang	Hatighuli, Gelabil, Baspathar Shyam Gaon, Aitonia Miri Gaon	
		Rengma	Rengma Nepali Basti, No1 Lakhpathar, No2 Lakhipur, Sonali nagar, Bishnupur, No2 Basapathar	
		Brahmaputra	Ririgaon, Dolokhowa (Naramari)	
		Dhansiri	Gutung, Mitham Chapori, Nepali Khuti, Bogoriani, 3 No. Koibarta, Dhudang, Letekuchapori, Mithan Chapori II	
		Gelabeel	Dakhin Dalojolia	
15	West Karbi Anglong	Kapili	Sildubi, Hatimara, Japan Hande Gaon, Kolonga Mukh Garo Gaon, Mugachong L.P. School, Bilosthu, Goroimari, Kheroni Das basti,	8
16	Udalguri	Panchori	Sungabudhi, Biskhuti, Phatasimalu	55
		Pagla	Palasbasti, Tekelibil, Siprangpara, Majgaon, Dafalapota, Katpari, Belapur, Pauripota, Bengrabari Nepalicupa, Kadabil, Khasrabari	
		Dhansiri	Tarajuli, Barjhar, Pargapari No1 and 2, No1 Jungle Block	
		Moinajuli	Lokampur, Deosane	
		Chandana	Jerusalem, Bhairaguri	
		Golandi	Kathalguri, Limbabasti, Angra gaon	
		Kamadanga	Kadamtal adibarichuk, Barpukhuri, Bhulichuba, 2 No. Sonaripara	
		Nanoi	Namjalaha, Pachim Jangalpara, Tiapukhuri, Rupatal Pachim Nalbari, Satrapara	
		Bhola	East Rupatal, Rupatal, Sanganbali, Gerua, Choibari	
		Rowta	Silongkhuti, Hatimara, Niz Rangapani, Lambhari Hatkhola,	
		Kalsi	Makelikanda, Dokhin Bhokeli Kanla, Uttar Bokrajhar, Satiapara	
		Samrang	Samrang	
		Sukhlai	No1 and No3 Bholater, Singrimari Atherikhat	
Lakhi river	Santipur			
Saarna	Barigaon			
17	Kokrajhar	Sankosh	Boroghopa, Upendrapur, Simlabari, Surendrapur ghat, Khokshaguri, Bagdogra, Garumarachar Pt-I	32
		Gangia	Patakata Village, Durabil, Harinpur, Jogdoi, Rimjimi Ghop, Dhepdhepi, Badlagaon, Bamunigaon(D/S),	
		Longa	Dhepdhepi, Nowarbhita, Muncharghop	
		Garufella	Thigirguri F.V, Tokiamari, Kursakati village, Hansabil, Makrambil village, Panijani	
		Saralbhanga	Chandrapara(Suthradarbasti)	
		Gaurang	Laoripara, Hekaipara, Barmanpara, West Dimalgaon,	

Sl No	District	Name of River	Erosion affected areas	Total no of affected area
			Baruahpara, Kamalchara Cheshapani(R/B)	
		Samukha	Mozabari Borobasti, Simbargaon bazar	
18	Dhubri	Brahmaputra	Silghagri, Aminerchar, Patamari, Bhogdhar, Takimari, Sunderpara, Dakurvita, Fakirganj, Matifata, Padmeralga, Bondihana, Bura-buri	37
		Gangadhar	Bholarkhas, Koimari, Lahajani, Uttar Moragodadhar, Kaldoba, Gaikhowa, Binnachara, Bagdokra, Pub-Gaikhowa, North Tokrecherra	
		Gaurang	Futkibari, Sinamari, Udmari, Barsi, Suwapata, Hatipota, Jamduar	
		Champamati	Jalikura, Tarangpur	
		Tipkai	Saptgram, Sonamoyee, Kudnamari, Kaunbari, Andamari-Parghat	
19	Cachar	Barak	Bagpur, Gobinpur Pt-II, Gangapur, Roypur Pashim Kumarpara, North Burbail, Gagrpar, Madhurband	8
20	Sonitpur	Brahmaputra	Bogoriati, Ganesh ghat, Bosasimalu, Jarani	38
		Jiabharali	Rajgarh & Singitoli, Kanyaka, Berajan, Samdhara, Baligaon Miri area, Morisuti,	
		Jorasar	Dighali Baligaon & Bamgaon	
		Gabharu	Nabeel, Puthimari, D/S/ of N.H.-15 Bridge	
		Belsiri	Pirakata, Benchmari, Kumarchubri, Baligaon Bangaligaon, Keherukhunda, Rongagarh	
		Pachnoi	Kanaka	
		Garjuli	Torajan Bongaligaon	
		Dhirai	Palash Pathar	
		Sopai	Madhupur, Mijibari, Monabag, Narayanpur, Manikpur	
		Mornoi	Saraijania	
21	Hailakandi	Katakhal	Katagaon, Kilerbag, Paloicherra Pt-I, Mohmmmedpur, Lalcherra-Hanuman Mandir, Jyoshnabad Pt-II, Rajyeswarpur (Bamunlekhai), Lalamukh, Gulerpar, Nalubag, Borbond, Gudamghat, Kuchila, Weinghkheleikhei, Tosla, Nimaichanpur, Bashdahar, Borhailakandi, Matijuri, Rangauti, Bahdurpur, Boroitoli, Bondukmara, Bajantipur, Berkhelpar, , Mohanpur, Uttar Narayanpur, Burnibrease, Uttar Kanchanpur	31
		Dholeswar	Dholeswari	
22	North Lakhimpur	Subanshiri	Acherakata, Gowalbari, Baligaon, Dafalkata, Balibheta, Na-Ali, Ghunasuti, Pomua Khabolu, Badhakara, Ghunasuti, Ghancharai, Kakoti-Tup, Katori-Chapori	17
		Dikrong	Pithaguri, Solmara, Dahgharia	
		Brahmaputra	Bonpuroi Jamuguri	
23	Sivsagar	Brahmaputra	Desangmukh Ferryghat, Afala, Horaguri, Dikhowmukh Jahajghat, Rupahimukh	64
		Dehing	Gorukhuti, Lachon gaon, Dehing Kolghor, Bhekurichapori	
		Dikhow	Sundarpukhuri, Baulimaidam, Simaluguri, Upper Nazira, Amolapatty, Chanbosa, Chantak, Mothiachinga, Mechagarh, Kurulakotia, Meteka Majgaon, Amgurighat, Cherekapar, Metekaghat, Decial, Lahingia, Sensuwa, Bhotiapar, Gowalgaon, Deogharia, Raghubari, Teteliguri, Arjunguri,	

Sl No	District	Name of River	Erosion affected areas	Total no of affected area
			Bokabeel, Bagharchuk	
		Desang	Lekonia Tipomia, Bhakat Gaon, Barbaru maidam, Lakhmoni, Aithan, Baksu Koibarta gaon, Duwari gaon, Chengelibari, Borpatr gaon, Kuwamora, Borkurichetia, Akhoiphutia, Julatooop, Lepaigaon, Jailgaon, Majumelia, Koibarta doloni, Ekoratoli, Konwargaon, Khamun gaon	
		Demow	Raghuguri, Khatapthar, Gohainchuk, Hatimuria gaon, Konwar Dehingia, Geligeli	
24	Kamrup Metro	Kollong	Pub Maloibari (Ch-31st Km), Maloibari (Ch 33rd Km)	2
25	Bongaigaon	Aie	Popragaon, Hapachara, Gurugaon to Chechapani, Kacharipety, Sontoshpur, Bharalipara, Dubasuri, Lotibari, Tentopur	15
		Manas	Barbakhra, Bhatipara, Numberpara, Golapara, Borolchala, At confluence point(Nararvitha to Dholagasa)	
26	Chirang	Aie	No1 Kujrabguri, Madarpur, At D/S of Khoirabari village, No2 Burihar village, Kanibhur village	43
		Nangalbhang a	Simaluguri, Alengmari agriculture field, West Koliagaon, Balagari paddy field, Manikpur village, At U/S of Khairabari village, sisubari village, Joypur village, West Joypur Village, Alengmari U/S & D/S	
		Langkar	Shobapur, Udaipur Samchanghat, Gwjwnpuri, Kakorbani	
		Kanamakra	Sishubari, East Bhabanipur, Amguri Bazaar	
		Taklai	No.3 Sonapur Village	
		Nizla	Laukriguri village	
		Champamoti	Thirimari, Pub Deolguri	
		Suti	Batagaon, Athiabari	
		Kujia	Pub Bhadra Pt.2 (Bhumkijhora),Dimakumari	
		Darranga	Bagorgaon U/S	
		Agrang	Agrang	
		Duloni	Gwjwnpuri	
	Manas	No.2 Kawadi		
	Garshigot Dong	Kungkrajhora		
	Baksa	Beki	Tilabari, Odalguri, Barapata, U/S khagrabari, Moinamata, U/S narayanguri	
27	Barpeta	Brahmaputra	Rowmari Pathar, Chenimari, Baharipar Ghat, Bandali, Belortari, Habidongra, Dongra, Satra Kanara	52
		Beki	Chomtabari, Ketekibari, Kurobaha, Alsarapara, Hajipur, Balaipathar, Amguri, Kalampur, Alipur-Rasulpur, Shewrachara, Karaimari,Deulipara, Katlijar	
		Morachowlk howa	Bheragaon, Kandapara,	
		Bhelengi	No.1 Bordoloni	
		Nakhanda	Ganakkuchi pathjar	
		Pahumara	Bhoukamari, Maricha, Kayakuchi pathar, Kuriha, Gumir pathar, Pani Maricha pathar, Kayakuchi gaon	
		Kaldia	Galibandha, Kawaimari 10 No. Block, Helachar Pam, Pithadi Pam, Jalkara, Pani Moricha Gaon	
		Palla	Barbala, Santali Para, Khandar Kur, Dongor Kuchi	
	Buradia	Parakuchi, Kalatali		

Sl No	District	Name of River	Erosion affected areas	Total no of affected area
		Tihu	Neular Bhitha, Kawaimari 5 No. & 6 No. Block, Era Kachari Para.	
27	Kamrup Rural	Brahmaputra	Rongapani to Badlapathar(Ch 49 Km to 52 Km), Sontoli Chariali(Ch 44 Km), Gumi	13
		Brahmaputra	Gandhelitary	
		Kulshi	Sampupara, Kharidal, Singkhat	
		Batha	Modoki bazar, Biro gaon	
		Puthimari	Bhebari U/S, Hasong, Barangabari, Bardekpar, 52 nd km on L/B at Hadala, 62 nd Km on R/B at D/s of Gohaikhat, Sastarghat	
		Hajosuti	From PWD road to Kahibari	
28	Jorhat	Jhanji	At Ch 2400, Ch 3900, Ch 5650, Ch 6200, Ch 10700 m of Jhanji Bund R/B from Tamulichiga to outfall	16
		Charaipani	Ch 100, Ch 520, Ch 1010, Ch 9000, Ch 7000, Ch 11700 m of Charaipani Bund from Notunmati to Kakodonga outfall	
		Bhogdoi	Ch 2300 m of Bhogdoi R/B from Immersion Ghat to JB Road,	
		Bhogdoi	Ch 3200, Ch 6700, Ch 11200 m of Bhogdoi R/B from JB Road to Chengeliati	
		Brahmaputra	Baghmara area	
29	Nalbari	Brahmaputra	Larkuchi-Gorkhattari	19
		Pagladia	Koria, Bijulighat at Gongapukhuri, Bijulighat at Sadhnapara, Keherua, Nakhat, Sondha, Dhaniagog, Hanapara, Bullutpar, Majusiral, Balitara, Barmurikona,	
		Noona	At 3rd Km Borajal, At 14th Km Dadotia	
		Morapagladi a	11th Km Sialmari	
		Baralia	Baharghat, Hirapara	
30	Tamulpur	Puthimari (Bornodi)	Guwabari, Bogamati, Jookmari, Sijubari, Dhulabari, Dhoolkuchi, Souraguri, 2No. Doongar gaon, 2No Sowagpur, 1 No Suagpur, Betagaon, Chenigaon, Baghdooba, Haribora, Soonmohori, Nijkosula	51
		Pagladia	Kandulimara, Borbila, Khoirali, Patsajuli	
		Borolia	Dakhin Dongargaon, Doowamakha, Borbalisiha, Dakshin Gandhibari, Soontola, Dakshin Defeli, Borghuli, Hatimura, Lakhpara, Chenimora, Bihapara, Chirakhundi	
		Motonga	Dolongpar, Ulubari, Borongabari, Baregaon, Borkhopa, Gouraguri, Doulguri	
		Suklai	Kujarpam, Jhargaoon, 3 No Suagpur, Bilpara	
		Balti	Narayanpur, Ganeshpur, Baltipar, Bhalukmari, Ghilajhar	
		Doronga	Hatidura, Sashipur	
31	Sribhumi	Lonagi	South Billbari near Patherkendi, Issaganj near Baroigram, Muradpur, West Kachubari, Kachubari Village, Tapadarpara, Kalkalighat, Dullavpur	11
		Shingla	Pathiala Kaphnarpar/Joynagar, Dullavpur	
		Kushiyara	Haritikar B.O.P Camp to Kachua	
