

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केंद्रीय जल आयोग
बाढ़ प्रबंध-II निदेशालय



Government of India
Ministry of Jal Shakti
Dept. of Water Resources,
RD&GR
Central Water Commission
Flood Management-II
Dte.

विषय: आरटीआई अधिनियम २००५, के तहत आरटीआई आवेदन, सुश्री महविश सिद्दीकी, फ्लैट नंबर 1204, डी बिल्डिंग, 12 वीं मंजिल, पैन ओएसिस, नोएडा, उत्तर प्रदेश I, पिन-201307 / RTI application under the RTI Act, 2005 of Ms. Mehwish Siddiqui, Flat no.1204, D Building, 12th floor, Pan Oasis, Noida, Uttar Pradesh, Pin 201307-**reg.**

संदर्भ : 1. E-mail received from CE, FMO of RMCD vide dated 31.07.2023

With reference to mentioned subject matter vide which desired information was sought by Ms. Mehwish Siddiqui, Flat no.1204, D Building, 12th floor, Pan Oasis, Noida, Uttar Pradesh, Pin 201307. In this regard, the reply to referred questions from Flood Management Organisation (FMO) is as under:

Sl No.	Question	Material for Reply
1.	How is the ministry leveraging emerging technologies such as artificial intelligence and remote sensing to enhance real-time monitoring and data analytics for effective water resources management and flood forecasting?	Artificial intelligence is used for pre-processing of data in flood forecasting models and post processing of model outputs. Remote sensing/Remote sensing derived products are currently being used for inundation map preparation, data processing etc.
2.	What strategies or plans does the Ministry have in place to treat and harness contaminated flood water, ensuring it can be used safely and effectively to mitigate water scarcity, particularly in drought-prone regions?	No specific information available.
3.	What measures will the ministry take to prevent the increased discharge of water from Haryana's Hathnikund barrage which was one of the main factors behind the Delhi flood 2023.	

यह मुख्य अभियंता बाढ़ प्रबंधन संगठन केंद्रीय जल आयोग नई दिल्ली के अनुमोदन से जारी किया जाता है।

भवदीय,

(मनजीत/Manjeet)

उपनिदेशक/

Deputy Director

उपनिदेशक एवं केंद्रीय जन सूचना अधिकारी, आर.एम.सी.डी., के.ज.आ., नई दिल्ली

पत्र संख्या 6/2/21 – FM-II Dte./

दिनांक

.08.2023

पश्चिमी खंड-2 विंग-1(द्वितीय तल)

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