

**GOVERNMENT OF INDIA
MINISTRY OF HOME AFFAIRS**

**LOK SABHA
UNSTARRED QUESTION NO. 457**

TO BE ANSWERED ON THE 19TH JULY, 2022/ ASHADHA 28, 1944 (SAKA)

URBAN FLOOD MANAGEMENT GUIDELINES BY NDMA

457. MS. DEBASREE CHAUDHURI:

Will the Minister of HOME AFFAIRS be pleased to state:

(a) whether the Government has made any attempts to revisit the Urban Flood Management Guidelines prepared by National Disaster Management Authority (NDMA) in 2010;

(b) if so, the details thereof and if not, the reasons therefor;

(c) whether the Government has formulated/drafted any policy/scheme for encouraging the use of Geographic Information System in the activities associated with disaster preparedness and risk reduction of urban floods; and

(d) if so, the details thereof and if not, the reasons therefor?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS
(SHRI NITYANAND RAI)**

(a)& (b) The Disaster Management in urban areas, including urban flooding, is a State subject and falls under the domain of the State/UT Governments and the Urban Local Bodies/Urban Development Authorities concerned.

The National Disaster Management Authority (NDMA) had issued Guidelines on 'Management of Urban Flooding' in September, 2010.

Thereafter, Ministry of Housing & Urban Affairs (MoHUA) and NDMA have

issued further guidelines and Standard Operating Procedure (SOP) as under:

(i) For the guidance of the State/UT Governments, MoHUA has issued Urban and Regional Development Plans Formulation and Implementation (URDPFI) Guidelines, 2014 by integrating the NDMA guidelines.

(ii) MoHUA has issued SOP for Urban Flooding in 2017. The SOP lays down, in a comprehensive manner, the specific actions to be undertaken by the Urban Local Bodies, District Administration and the State Government.

(iii) MoHUA has published a Manual on Storm Water Drainage Systems, 2019 to provide guidance on sustainable design, planning & management of storm water drainage systems and emergency plan for flood response in urban areas.

(iv) NDMA has prepared a roadmap under three time frames (short term – 2016 to 2020, medium term – 2020 to 2025 and long term – 2025 to 2030) for mitigation of urban floods.

(c) & (d) NDMA is currently running 2 schemes i.e. (i) Capacity building of GIS technologies for Disaster Risk Reduction (DRR) and (ii) development of Cloud based information system with different stakeholders to improve their capacity on use of GIS applications in data inventory, mapping, loss and damage estimation, risk and vulnerability analysis, development of spatial decision support system, spatial mapping etc.