

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
RAJYA SABHA
UNSTARRED QUESTION NO. 72
ANSWERED ON 01/12/2025**

**FLOODING AND WATERLOGGING DURING MONSOON IN METRO AND
COASTAL CITIES**

72. SHRI RYAGA KRISHNAIAH:

Will the Minister of *Housing and Urban Affairs* be pleased to state:

- (a) the details of incidents of floods and water logging in the cities during monsoon season particularly in metro cities and costal area under cities and the reasons therefor;
- (b) the details of the various steps taken by Government to address this problem; and
- (c) if so, the details of the steps taken and the amount spent thereon?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI TOKHAN SAHU)**

(a) to (c): Management of urban flooding falls under the purview of the State Governments and the Urban Local Bodies (ULBs)/ Urban Development Authorities, who are responsible for maintaining the drainage and sewerage system. Government of India supplements the efforts of the States through schematic interventions/ advisories. It provides financial and technical support to the States to strengthen Urban Planning ecosystem.

Usually, increased incidence of high intensity rainfall in short duration is mainly responsible for urban floods, which is further compounded by unplanned growth, encroachment of natural water bodies, inadequate sewer systems, inadequate rainwater drainage systems, encroachments, etc. Ministry of Housing and Urban Affairs does not centrally maintain the details of the incidents of floods and water logging in cities

The Ministry of Housing & Urban Affairs (MoHUA) has published the following documents/advisory guidelines for improving urban drainage and flood management:

- i. Urban and Regional Development Plans Formulation and Implementation (URDPFI) Guidelines, 2014 ([https://mohua.gov.in/upload/uploadfiles/files/URDPFI%20Guidelines%20Vol%20I\(2\).pdf](https://mohua.gov.in/upload/uploadfiles/files/URDPFI%20Guidelines%20Vol%20I(2).pdf))

- ii. Standard Operating Procedure (SOP) for Urban Flooding (https://mohua.gov.in/upload/uploadfiles/files/SOP%20Urban%20flooding_5%20May%202017.pdf)
- iii. River Centric Urban Planning Guidelines in 2021 to enable cities in the development of conjunctive water management approaches including nature-based solution (<https://mohua.gov.in/upload/uploadfiles/files/RCUP%20Guidelines.pdf>)
- iv. Guidance Document on Creation of Rain Water Harvesting Parks (<https://mohua.gov.in/pdf/6566e1048ab41guidance-document-on-rainwater-harvesting-parks-final.pdf>)
- v. Manual on Storm Water Drainage System (<https://mohua.gov.in/publication/manual-on-storm-water-drainage-systems--2019.php>)

Atal Mission for Rejuvenation and Urban Transformation (AMRUT) launched in the year 2015, inter alia, has a component on storm water drainage, which involved construction and improvement of drains/ storm water drains in order to reduce and eliminate flooding and creating green spaces and parks. Under AMRUT, 838 Storm Water Drainage projects worth ₹3016.82 crore were approved. As reported by the States on AMRUT Portal, 813 Storm Water Drainage projects worth ₹2,403.35 crore have been completed. Under AMRUT, 2,529 green spaces and park projects worth ₹1,606.31 crore have been taken up by all States/UTs, of which, 2,489 projects worth ₹1,571.86 crore have been completed. 5,271 acres of permeable green space area have been developed through these projects.

Under AMRUT 2.0, projects for green spaces and parks and rejuvenation of water bodies and wells can be taken up by the States. Under AMRUT 2.0, proposals of the States/ UTs for 3,031 water body rejuvenation projects worth ₹6,270.51 crore and 1,669 green spaces and park projects worth ₹1,089.31 crore covering 13,707.64 acre, have been approved.

Besides, under AMRUT and AMRUT 2.0 sewerage and septage management projects have been undertaken, which inter alia help in evacuation of storm water. Under AMRUT, 890 sewerage/septage management projects have been grounded, which has led to creation of 21,754 km length of sewer network. Under AMRUT 2.0 so far, 588 Sewerage and Septage Management projects have been approved covering 35,801 KM of sewer network.
