

***NATURAL RESOURCES DATA
MANAGEMENT SYSTEM
(NRDMS)***

**MONTHLY ACTIVITY REPORT
December 2025 – March 2026**

**Submitted by
District NRDMS Centre
Zilla Panchayat, Dakshina Kannada**



**Submitted to
Karnataka State Council for
Science and Technology (KSCST)
Indian Institute of Science Campus,
Bengaluru – 560012**

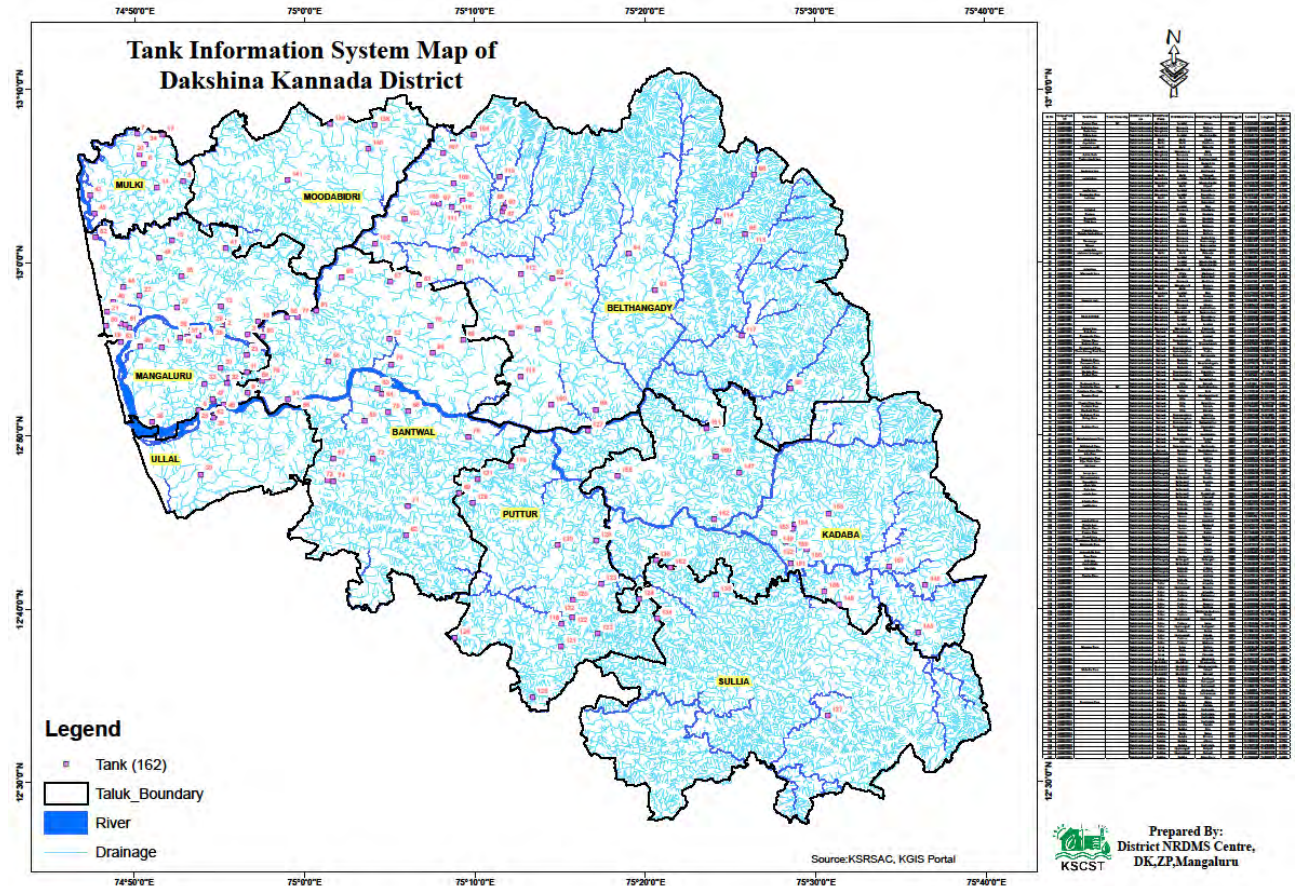
Technical Report (December 2025 - March 2026)

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1. NRDMS Centre Activities (December 2025 – March-2026)

- **Development Section ZP:-**

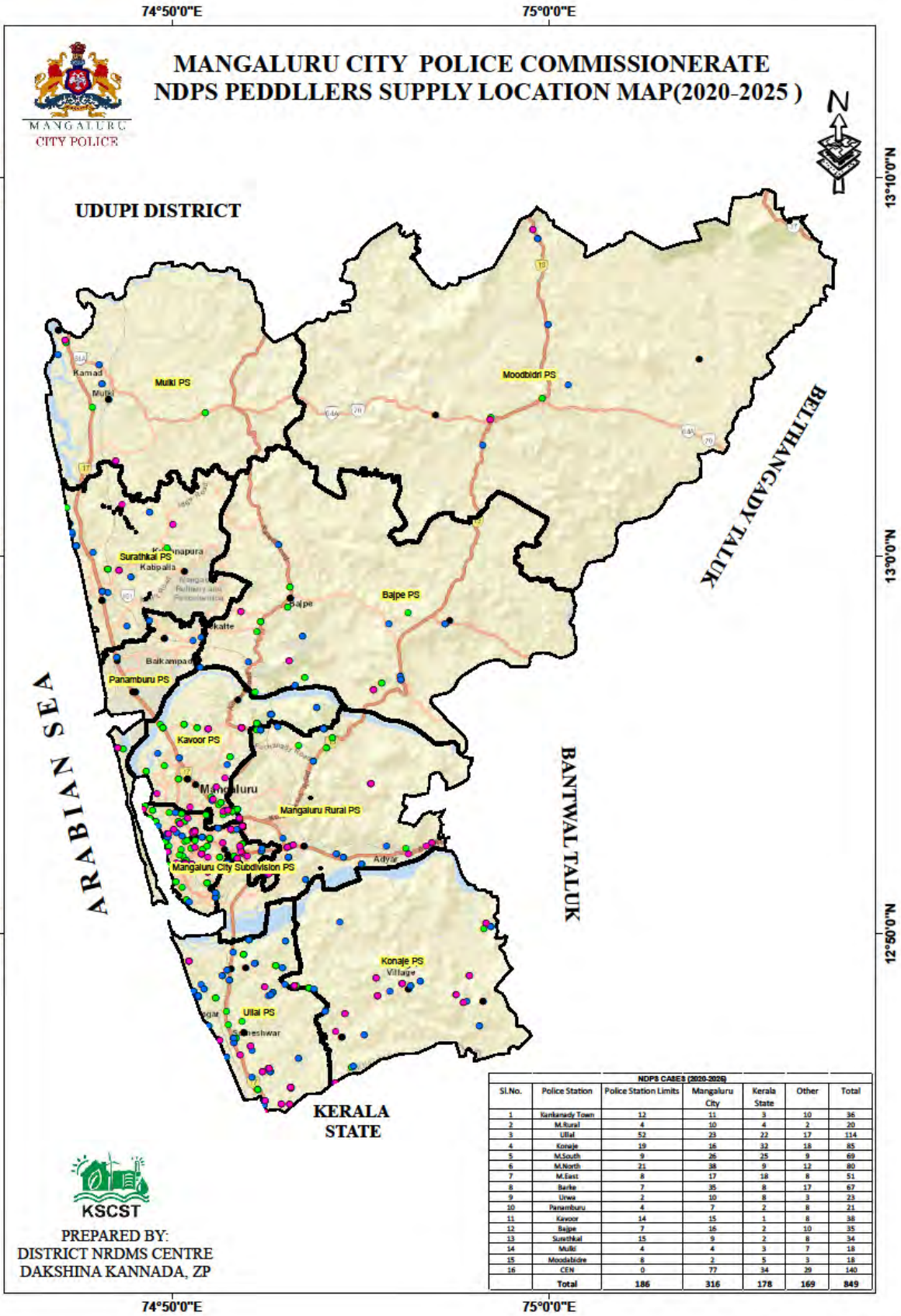
Taluk-wise data collection of existing tanks along with GPS location verification and correction is presently under progress.



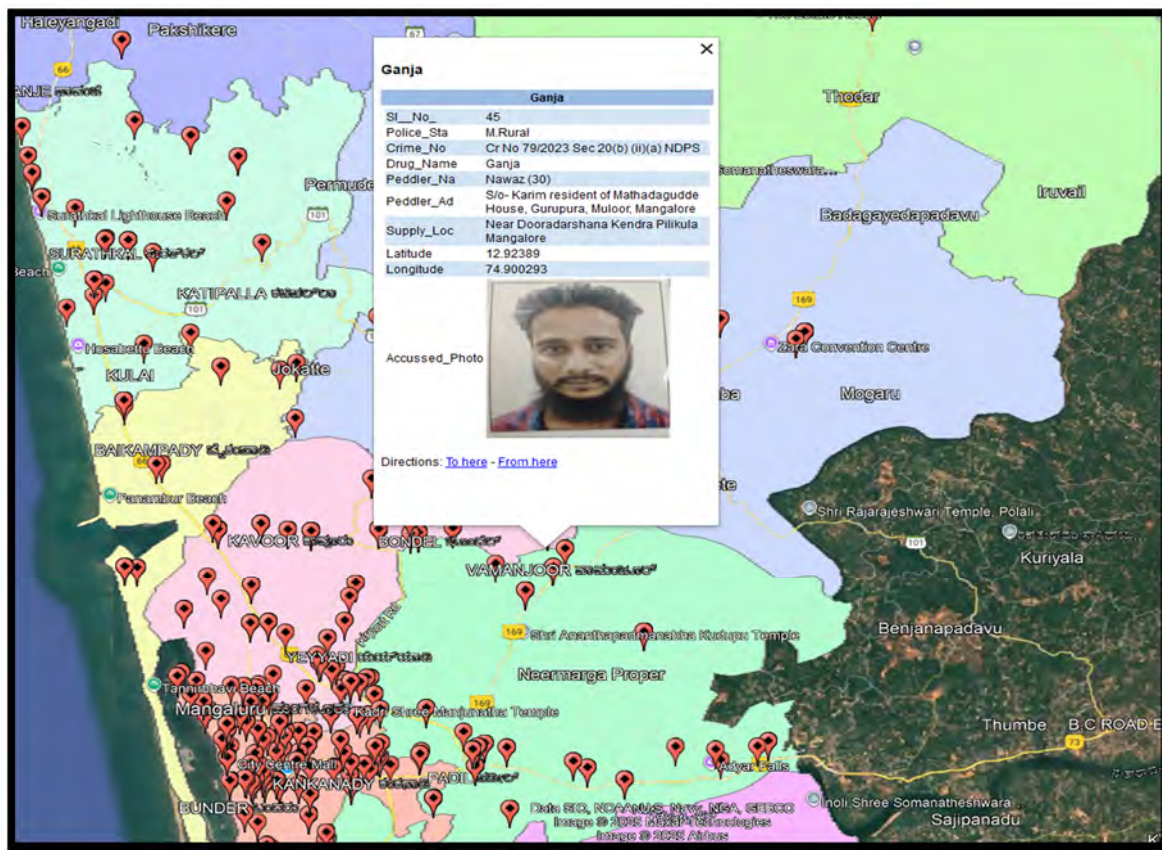
Map 1: Tank Information System Map (162 Tanks)

- **City Police Commissionerate:-**

As part of the on-going “**Drug-Free Mangaluru**” campaign, the work on preparing a city-wide NDPS (Narcotic Drugs and Psychotropic Substances Act) peddler’s cases map (2020–2025) in Google Earth format for presentation purposes is underway. This map will visually represent the locations of NDPS cases, seizures, and related enforcement activities across the city from 2020 to 2025, aiding in spatial analysis and strategy planning for stakeholders and enforcement units.



Map 2: NDPS Peddlers Supply location Map



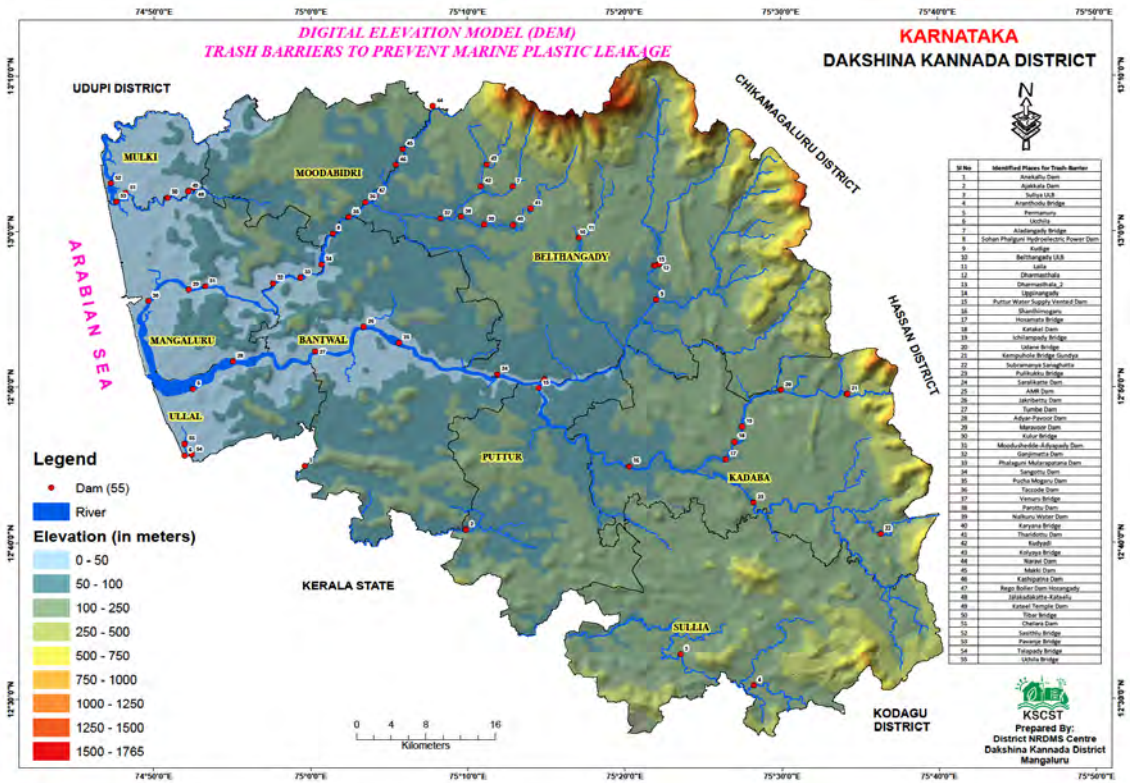
Map 3: NDPS Peddlers Supply location Google Earth Map

- **SBM Section ZP:-**

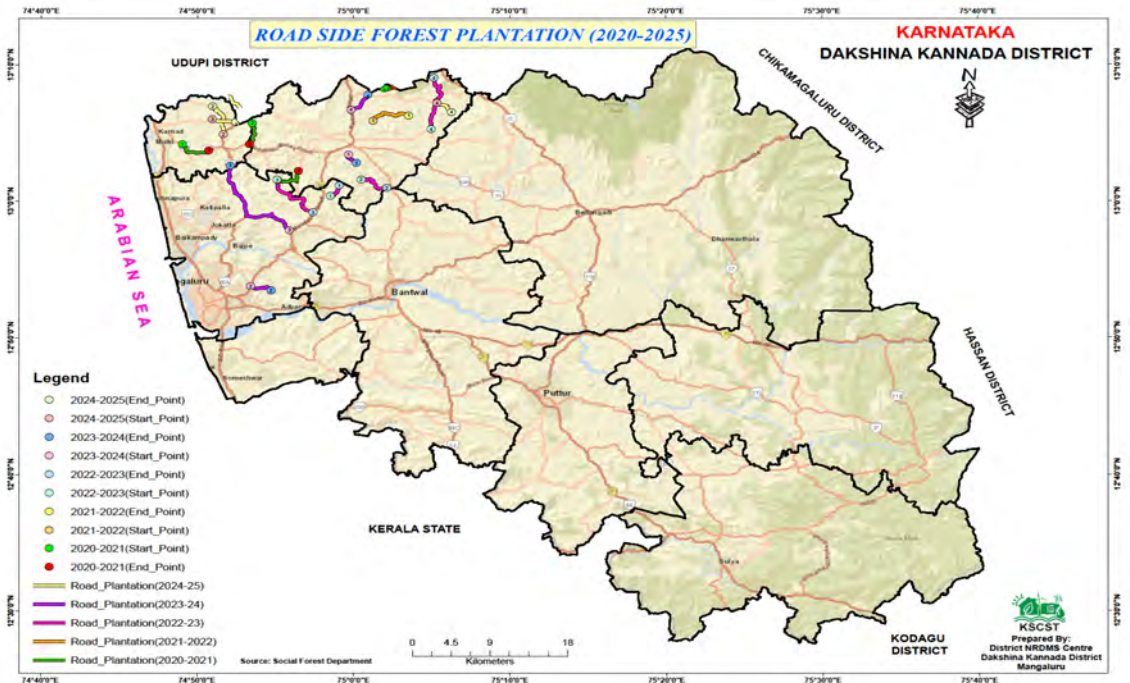
The locations suitable for installing trash barriers to prevent marine plastic leakage into the sea have been identified. Digital Elevation Model (DEM) maps of the identified sites have also been prepared for the SBM Section.

- **Social Forest Department:-**

As per the instructions of the Chief Executive Officer (CEO), Zilla Panchayat (ZP), the Social Forestry Department is directed to undertake a resurvey of all roadside plantations established during the past five years. Accordingly, a consolidated location map of roadside plantations for the last five years has been prepared to facilitate field verification and assessment.



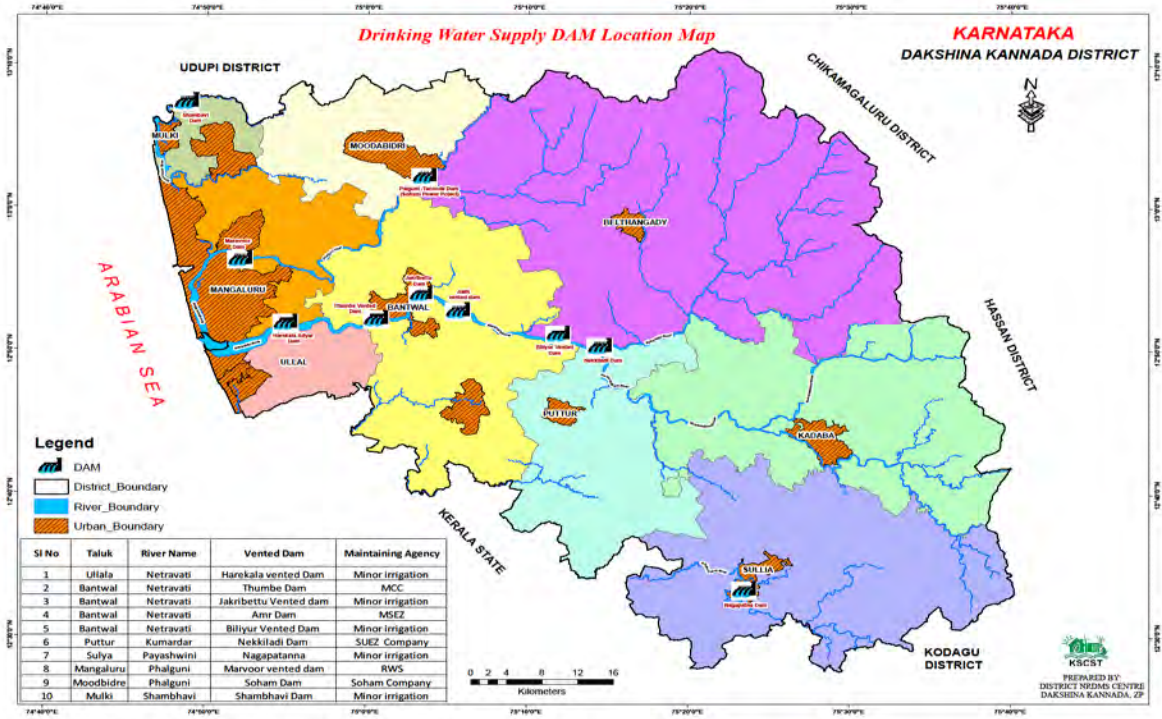
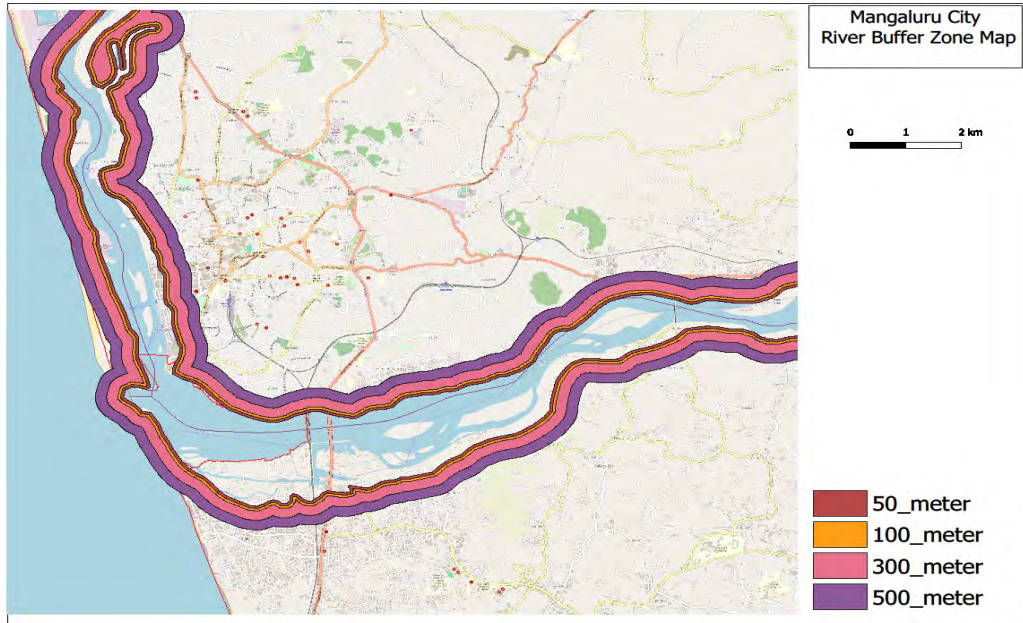
Map 4: DEM Map of Trash Barriers locations suitable for installing trash barriers to prevent marine plastic leakage



Map 5: location map of roadside plantations for the last five years

- **Disaster Monitoring Cell:-**

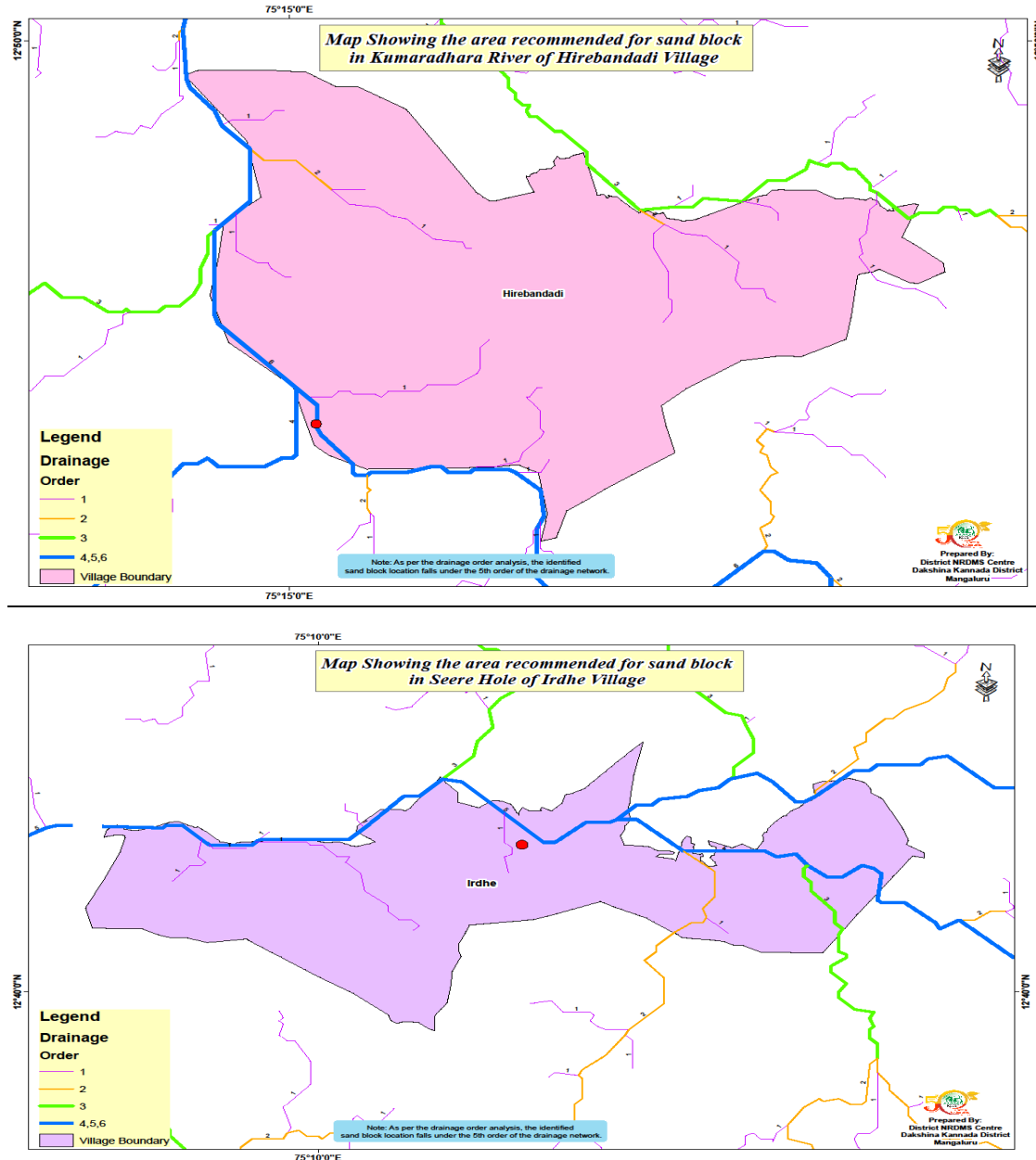
A buffer zone flood analysis map for the Gurupura and Netravathi Rivers in Mangaluru City has been prepared for the Disaster Monitoring Cell. Further, a location map of existing Dams used for drinking water supply has also been prepared.



Map 6: Mangaluru city corporation Flood analysis and Existing DAM Location Map

- **Mines and Geology Department**

As per the order from the Mines and Geology Department, Prepared area recommended for Sand deposits to exact range of the sand deposits identified by the Taluk Sand Committee in Sullia taluk and Puttur taluk is required to be confirmed by the concerned department along with the drainage map of the identified sand deposits in order to take further action.



Map 7: Area Recommended for sand block location Map

2. Training Programmes Attended

As per the order from Deputy Commissioner Dakshina Kannada attended Earthquake Risk Mitigation and Management 3 days Training Programme at ATI Mysore from 22.12.2025 to 24.12.2025. In the training, we learned about Disaster Management Act 2005, Structural Mitigation, First Aid and Emergency Response, case study preparation of detailed project report (DPR) and Earthquake resist and Buildings etc.

3. Training Imparted to Line Department:

During this period, no training programmers were conducted for the line departments.

4. Science Outreach Activities:

No Science Outreach Activities were conducted during this period

5. Conclusion

During the period from December 2025 to March 2026, the District NRDMS Centre, Dakshina Kannada, provided various maps, data, and reports to the Zilla Panchayat Office, the Deputy Commissioner's Office, and other line departments such as the Mangaluru City Police Commissionerate, the Mines and Geology Department, and the Social Forestry Department for the implementation of various activities. The center also assisted the district administration in disaster management.

6. Annexures

Maps:

- **Map 1: Tank Information System Map (162 Tanks)**
- **Map 2: NDPS Peddlers Supply location Map**
- **Map 3: NDPS Peddlers Supply location Google Earth Map**
- **Map 4: DEM Map of Trash Barriers locations suitable for installing trash barriers to prevent marine plastic leakage**
- **Map 5: location map of roadside plantations for the last five years**
- **Map 6: Mangaluru city corporation Flood analysis and Existing DAM Location Map**
- **Map 7: Area Recommended for sand block location Map**

Tables of Collected Datasets

Tank Database:-

Sl No	TankID	TankName	Tank Ownership	Lat	Long	Tank Area (Ha)
1	KA24010001	Kavuru Kere	MI	12.9187	74.8599	2.86
2	KA24020015	Gadathirtha Kere	MI	12.9258	75.1552	1.13
3	KA24010018	bandha kere	MCC	12.9370	74.8282	3.88
4	KA24010019	Hoigegudde Kere	MCC	12.9412	74.8196	2.77
5	KA24010021		MCC	12.9530	74.8063	2.95
6	KA24010027		Bajpe (TP)	12.9569	74.8746	0.14
7	KA24010035		Bajpe (TP)	12.9869	74.8792	1.02
8	KA24010038	gujjarakere	MCC	12.8466	74.8503	1.08
9	KA24010040		MCC	12.9622	74.8122	15.70
10	KA24010049		MCC	12.9199	74.8385	1.96
11	KA24010050	SHALE KERE	MCC	12.9393	74.8051	2.65
12	KA24010051		MCC	12.9406	74.8240	1.85
13	KA24010052		MCC	13.0245	74.7947	1.00
14	KA24010053	Ammai kere	MCC	12.9242	74.8197	1.86
15	KA24010043		Mulki TP	13.0656	74.7894	1.43
16	KA24060004		Mudabidri (TMC)	13.0800	74.9829	4.03
17	KA24010006	dupadakere	Kinnigoli TP	13.0953	74.8420	0.29
18	KA24010014		Kinnigoli TP	13.0726	74.8550	0.86
19	KA24070008		Kadaba (TP)	12.7448	75.4741	2.25
20	KA24070009		Kadaba (TP)	12.7242	75.4914	0.38
21	KA24070010		Kadaba (TP)	12.7101	75.4756	0.12
22	KA24070011		Kadaba (TP)	12.7315	75.4708	0.69
23	KA24070012		Kadaba (TP)	12.7399	75.4596	0.09
24	KA24070013		Kadaba (TP)	12.7433	75.4778	0.10
25	KA24070018		Kadaba (TP)	12.7232	75.4783	0.29
26	KA24010002	Sadashiva kere	GP	12.9359	74.9196	0.64

NDPS Peddlers Data:-

Sl.No.	Police Station	Police Station Limits	Mangaluru City	Kerala State	Other	Total
1	Kankanady Town	12	11	3	10	36
2	M.Rural	4	10	4	2	20
3	Ullal	52	23	22	17	114
4	Konaje	19	16	32	18	85
5	M.South	9	26	25	9	69
6	M.North	21	38	9	12	80
7	M.East	8	17	18	8	51
8	Barke	7	35	8	17	67
9	Urwa	2	10	8	3	23
10	Panamburu	4	7	2	8	21
11	Kavoor	14	15	1	8	38
12	Bajpe	7	16	2	10	35
13	Surathkal	15	9	2	8	34
14	Mulki	4	4	3	7	18
15	Moodabidre	8	2	5	3	18
16	CEN	0	77	34	29	140
	Total	186	316	178	169	849

Existing DAM Locations:-

SI No	Taluk	River Name	Vented Dam	Maintaining Agency
1	Ullala	Netravati	Harekala vented Dam	Minor irrigation
2	Bantwal	Netravati	Thumbe Dam	MCC
3	Bantwal	Netravati	Jakribettu Vented dam	Minor irrigation
4	Bantwal	Netravati	Amr Dam	MSEZ
5	Bantwal	Netravati	Biliyur Vented Dam	Minor irrigation
6	Puttur	Kumardar	Nekkiladi Dam	SUEZ Company
7	Sulya	Payashwini	Nagapatanna	Minor irrigation
8	Mangaluru	Phalguni	Marvoor vented dam	RWS
9	Moodbidre	Phalguni	Soham Dam	Soham Company
10	Mulki	Shambhavi	Shambhavi Dam	Minor irrigation

Photographs of Events:-

