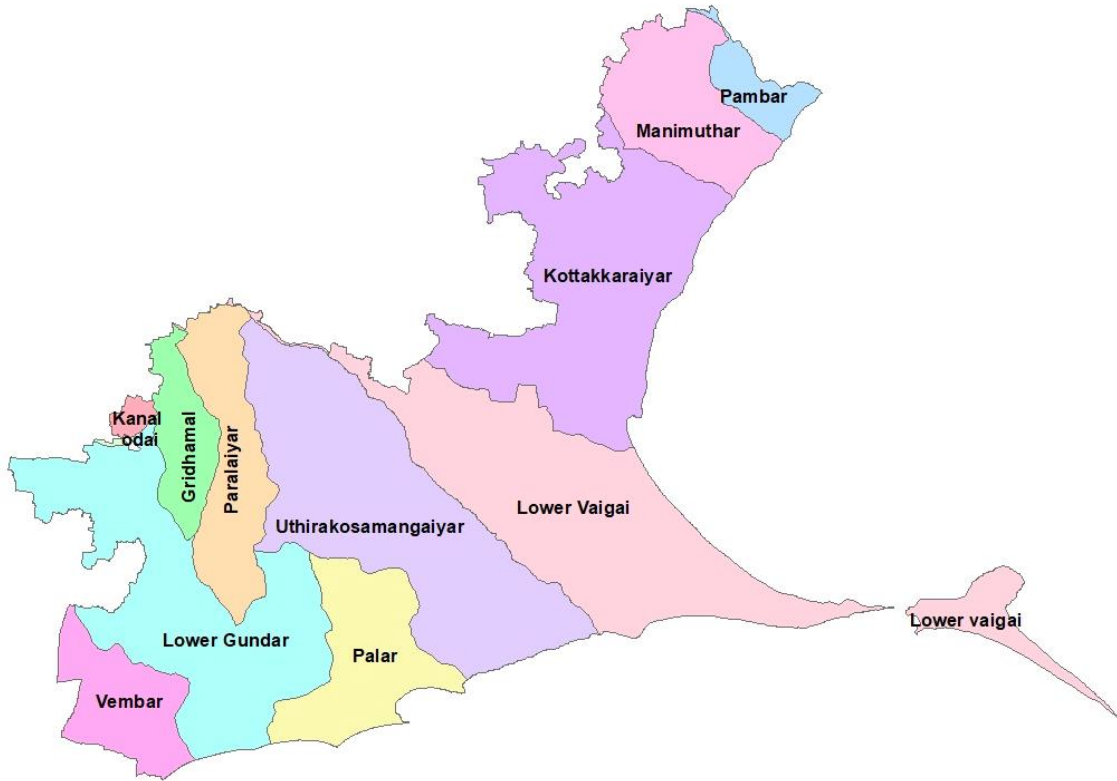




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cooperation with



# Water Security & Climate Adaptation in Rural Areas Tamil Nadu

Progress Report  
20 Feb – 31 May 2021

5<sup>th</sup> District Level Steering Committee Meeting

8 June 2021

District Rural Development Agency  
Ramanathapuram

## Status of GP wise Verification of CWRM Works

S.No	Name of the Block	Total No of GPs	Non- NRM Works verified	Non- NRM Works pending for verification	NRM Works verified
1	2	3	4	5	6
1	Bogalur	26	25	1	26
2	Kadaladi	60	60	0	60
3	Kamuthi	53	48	5	29
4	Mandapam	28	23	5	28
5	Mudukulathur	46	46	0	46
6	Paramakudi	39	37	2	39
7	Ramanathapuram	24	16	9	24
8	R.S.Mangalam	35	20	15	35
9	Nainarkovil	37	0	37	34
10	Thiruppulani	33	30	3	27
11	Thiruvadana	47	47	0	47
	<b>Total</b>	<b>429</b>	<b>352</b>	<b>77</b>	<b>429</b>

# Block wise summary of NRM & Non NRM works: WASCA (3 yr)

Sl.No.	Name of the Block	Key Water Actions Identified through CWRM			Total no of NRM works	Total No of non-NRM works
		Development of Public and common lands	Development of Agricultural and allied activities	Development of Rural Water Infrastructure		
1	2	3	4	5	6	7
1	Bogalur	23602	3521	1617	28740	1612
2	Kadaladi	75855	17035	5035	97925	3660
3	Kamudi	50778	27417	4152	82347	3816
4	Mandapam	11955	10967	12347	35270	2100
5	Mudukulathur	46766	9629	3294	59689	2898
6	Nairnarkoil	15450	6989	1819	24259	2535
7	Paramakudi	30791	8495	3086	42372	1416
8	R.S.Mangalam	44242	9159	2331	55732	2310
9	Ramanathapuram	55525	6836	2320	64681	2479
10	Tiruppullani	44539	9475	4403	58416	2178
11	Tiruvadanai	89087	12443	3336	104867	3149
	<b>Total</b>	<b>4,88,591</b>	<b>1,21,966</b>	<b>43,740</b>	<b>6,54,297</b>	<b>28,153</b>

# Catch the Rain



5th DLSC - WASCA: DRDA -Ramanathapuram



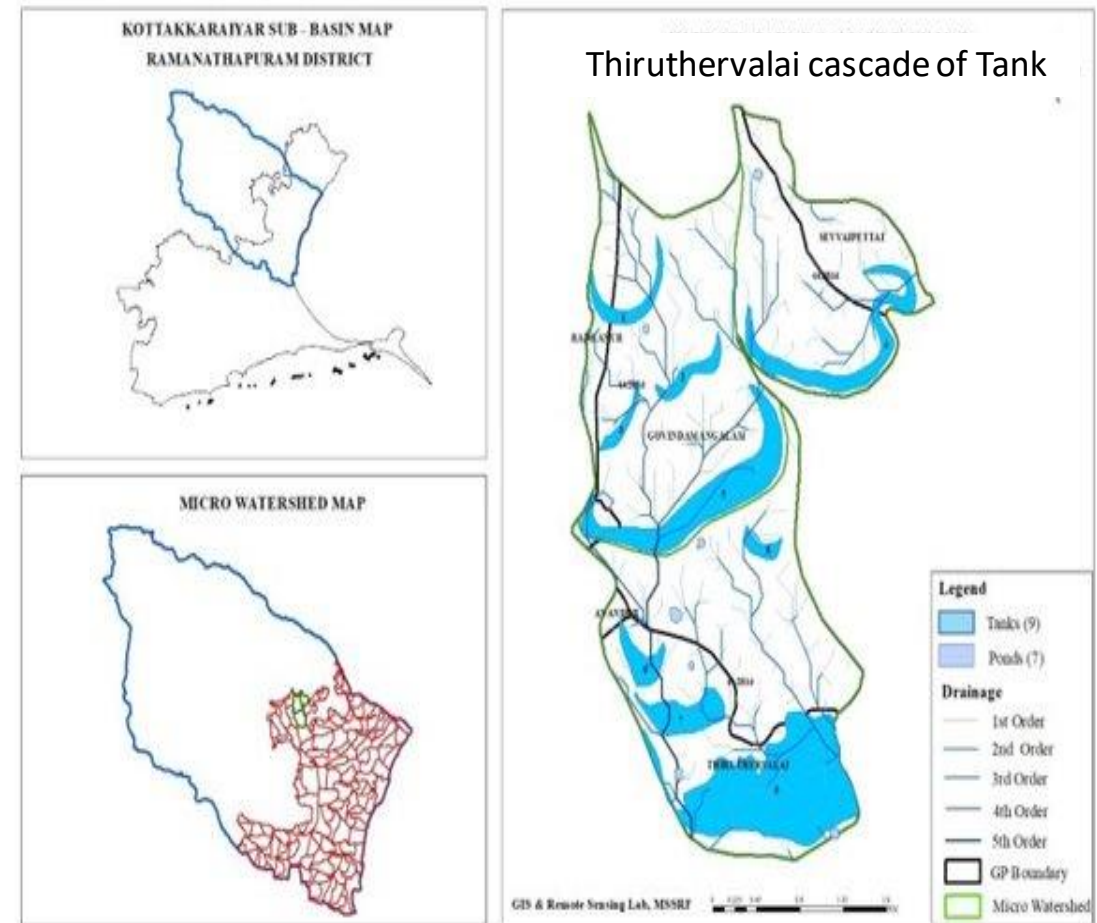
S.No	CWRM Works under Catch the rain Campaign for implementation in all GPs
1	Renovation of Traditional Water Bodies - Union Tanks (Comm)
2	Renovation of Traditional Water Bodies – Ooranis (Comm)
3	Renovation of Traditional Water Bodies – Ponds (Comm)
4	De silting and Deepening Field Channels connecting farm lands (comm)
5	De-silting and deepening / construction of Field Channels Connecting upper tank to lower Tank (Comm) (Tank Cascade - Surplus Course)
6	Construction of Check Dams / Dykes for drainage line treatment & River rejuvenation(Comm)
7	Construction of Recharge pits / Recharge Shaft (Common land) (River Rejuvenation and DLT)
8	Nursery Development (Comm)
9	Avenue plantation (Comm)
10	Block Plantation in public & common lands (Comm)
11	Mangrove Plantations (Comm),
12	Works in Coastal Watershed (shelter belt plantation) (Comm)
13	Construction of Farm Trench cum bund with bund plantation (Indv)
14	Construction of Farm Ponds for dry land farmers (Indv)
15	Fallow land development (Indv)
16	Horticulture / Agro Forestry in individual lands with water trenches (CCB) (Indv)
17	Construction of Recharge pits or Shaft (Bore well Farmers) (Indv)
18	Community Tanka for drinking (Comm)
19	Roof Water Storage cum Recharge Institution (Comm)
20	Community Soak Pit (Comm)
21	Individual Soak Pit (Comm)

# Thiruthervalai Cascade Tank System

## R.S.Mangalam Block

S.No	Cascade of Tanks - Works
1	Desilting 1st Tank to last tank in order
2	Tank Bund Strengthening
3	Tank Bund plantation
4	Construction / repair of sluices
5	Desilting of field channel
6	Connection of supply channel from tank to irrigated field
7	Construction/ repair of surplus weir
8	Desilting surplus course (Channel) for connecting the upper tank to lower tank

**DPR Thiruthervalai Cascade RMD**  
**6th June 2021.doc**



# Areas of convergence with other departments

S No	Name of the Department	Areas of Convergence
1	Department of PWD - WRO	<ul style="list-style-type: none"> <li>• Cascade of Tanks in RS Mangalam and Bogalur blocks</li> <li>• River Rejuvenation works (Kottakaraiyar river sub-basin)</li> <li>• Works reducing Sea Water Intrusion control measures (Dykes/ Other works)</li> </ul>
2	Department of Agriculture	<ul style="list-style-type: none"> <li>• Fallow land development (Individual) – Agroforestry and soil and land development under saturation mode</li> <li>• Water management – Micro irrigation</li> </ul>
3	Department of Agriculture Engineering	<ul style="list-style-type: none"> <li>• Farm ponds – Individual</li> </ul>
4	Department of Horticulture	<ul style="list-style-type: none"> <li>• Dry land horticulture – Public and common land development and fallow land – Individual</li> <li>• Water management – Micro irrigation</li> </ul>
5	Department of Forest	<ul style="list-style-type: none"> <li>• Coastline Shelter belt plantation, mangrove plantations and wetland development</li> </ul>
6	Department of Animal Husbandry	<ul style="list-style-type: none"> <li>• Silvi pasture development in common lands, livelihood activity centres</li> </ul>
7	Department of Fisheries	<ul style="list-style-type: none"> <li>• Alternate livelihoods and sea -weed cultivation</li> </ul>
8	NABARD	<ul style="list-style-type: none"> <li>• Coastal watersheds, Support to identify projects for NAFCC and GCF</li> </ul>
9	KVK and Coastal Saline Research Centre	<ul style="list-style-type: none"> <li>• Reclamation of saline lands (private and community) (Coastal Watershed)</li> </ul>
10	TWAD Board	<ul style="list-style-type: none"> <li>• Tanka (Community)</li> </ul>



## MESSAGE



**Dinesh Ponraj Oliver, IAS**  
District Collector,  
Ramanathapuram


The WASCA project is launched in Ramanathapuram district during January 2020 with an objective of preparing the district to ensure water security in the context of increasing climate risks. The project introduced Composite Water Resources Management (CWRM) planning framework to estimate the GP based water budget by assessing the available water supply and assessing the demand. The district officials with the technical support of WASCA Resource centre in the district has completed the CWRM plans for all the 429 GPs.

The plans are comprehensive from the village development perspective covering proposed works in both natural resources management(NRM) and non NRM adopting saturation approach. The plans are verified at the ground level with the participation of village panchayat officials for preparing works and labour budget for this year. Besides, the district has started piloting innovative models on Climate Resilient Measures in creating sustainable solutions for accessing drinking water, development of public and common lands, afforestation (mini-forests) and nurseries.

I am confident that this CWRM plan is a practical tool for scientific planning in strengthening the water resources of the district and ensure access to water to all sectors in the district in the coming years.


**I am confident that this CWRM plan is a practical tool for scientific planning in strengthening the water resources of the district**

### Water Security and Climate Adaptation in Rural India - Tamil Nadu

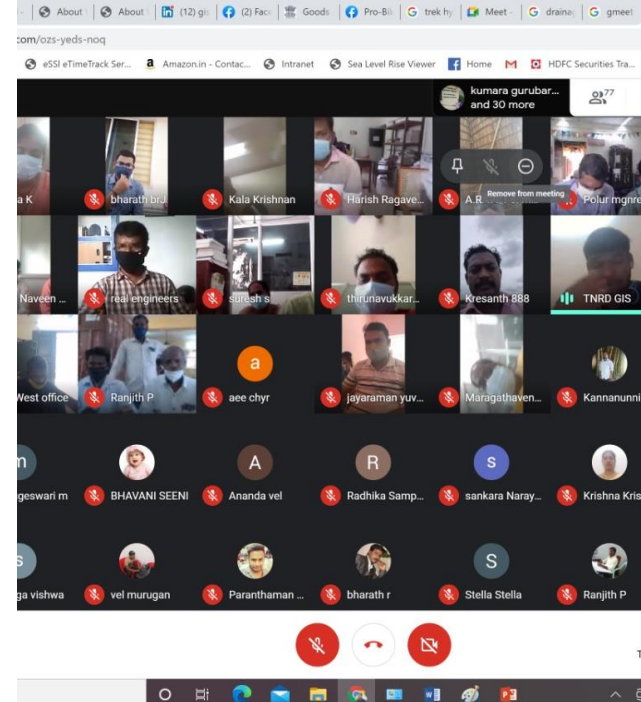



#### District Composite Water Resource Management Plan Report

6 February 2021



District Rural Development Agency (DRDA), Ramanathapuram





सत्यमेव जयते

## GIS based GP Planning Under MGNREGA


### Rural Development and Panchayat Raj Department, Chennai, TamilNadu

meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

Subha K and 78 more

11:14 AM

Meeting details



Turn on captions

TNRD GIS is presenting

# Reports, Trainings

- Developed Compendium of activities
- Developed District CWRM Report
- Provided Training on verification of works
- Provided Training on KML and D-29 Uploading with support of RDPR

5th DLSC - WASCA: DRDA -Ramanathapuram

- Home
- CWRM - Non spatial >
- CWRM - Spatial
- CWRM Action plan
- CWRM - CRM >
- CWRM- Estimate
- CWRM-Gallery
- CWRM-Resources
- Contact us

# Water Security and Climate Adaptation in Rural India (WASCA)- Tamil Nadu



## WASCA TN Web Portal (Cloud server version 2.1)

[http://65.1.201.178/WASCA TN/](http://65.1.201.178/WASCA_TN/)



5th DLSC - WASCA: DRDA -Ramanathapuram



# Points for Discussion and follow up actions

1. Uploading GIS plans into NREGA Soft – MoRD (KML(GIS)) and D-29 data entry) for all 429 GPS (Time line / Block Wise Targets/ Officers Responsible / Monitoring)
2. Commencement of WASCA works, with all approvals (AS / TS) at the earliest (Time line to be decided)
3. Implementing Catch the Rain Works in all the GPs in convergence (Communication to all Blocks / GPs)
4. WASCA resource centre acting as JSA centre for Catch the Rain in the district (Communication to all line department in the district, MD, National Water Mission and Govt of TN)
5. Finalizing convergence for implementing Climate Resilient Measure works (line department and NABARD (Sub-groups / Convergence list / implementing the works)
6. Documentation (Models, Baseline GPs)
7. Other Works to be taken up in June- July ( two month period ) (50 Days action plan)



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