

FLOOD 2019 IN MALAPPURAM DISTRICT					
FIELD STUDY IN AFFECTED AREAS IN TALUK WISE					
PERINTHALMANNA TALUK					
SL NO	DATE	TEAM NO	VILLAGE	LOCATION	REMARKS
1	22-08-2019	7	Perinthalmanna	Muriyan para in Vadakkanmala	* moderate zone of land slide.
2	22-08-2019	7	Perinthalmanna	Vazhippara in Vadakkanmala	*Threat for human in heavy rain.
3	22-08-2019	7	Perinthalmanna	Paamburankadu in Vadakkanmala	<b>*In heavy rains 108 families should be evacuated during heavy rain.</b>
4	22-08-2019	7	Perinthalmanna	Aabaranakkallu colony in Kulirmala	*Probability of land slipping. *Threat of fall of heavy rocks. <b>*22 families to be evacuated during heavy rain.</b>
5	23-08-2019	8	Arakkuparambu	Kambi mala	*Severe land slide. <b>* Threat to 70 families to be evacuated during heavy rain..</b> *GSI identified vulnurable area
6	23-08-2019	8	Arakkuparambu	Mukkilaparambu, Kozhinjadi mala,Anamala	*Severe land slide. *GSI identified vulnurable area. *Unscientific construction and land use. <b>*20 families to be shifted during heavy rain.</b>
7	23-08-2019	8	Arakkuparambu	Bidavu mala,	*Unscientific blocking of natural drain. *Severe land slide. *GSI identified vulnurable area. *Crown in forest area. <b>*In heavy rains 30 families to be shifted.</b> <b>*Stability of area to be considered while permitting laterite and granite quarries. No permission to be given.</b>
8	23-08-2019	7	Thazhekode	Amminikadan hill	*Land slide prone area. <b>*20 families to be shifted during heavy rain.</b>
9	23-08-2019	7	Thazhekode	Marampetta kunnu, Aramkunnu colony, Irulanchola, Pottippara	*Occurance of land slide. *During heavy rain,people should be evacuated temporarily. <b>*30 families of Marampetta kunnu and 7 SC families of Aramkunnu colony to be shifted during heavy rain.</b>
10	24-08-2019	7	Elamkulam	Chelamala-Kunnakkavu	*Land slip occurred area. *Crown in the area owned by Puthumana trust. *Comes under moderate hazard zone. <b>*15 families down hill to be shifted during heavy rain.</b>

11	25-08-2019	8	Kariavattom	Melkulangara (Pobson Quarry Estate)	<ul style="list-style-type: none"> <li>*Three natural first order drain is blocked by stocking of huge quantity of quarry waste, Msand and earth.</li> <li>*Land slipping occurred nearby area.</li> <li>* Crack visible in the heaped soil.</li> <li>* Sliding of deposited earth already damaged 15 acres of agricultural land, silting of drainage, filling of wells.</li> <li>*Houses of Chemban Mohammad and Kappungal Hamsa partially damaged.</li> <li><b>*In heavy rains 2 families should be evacuated during heavy rain.</b></li> </ul>
12	25-08-2019	8	Kariavattom	Mannarmala, Thekkanmala, Puthiyaparambu SC colony	<ul style="list-style-type: none"> <li>*Land slide occurred in four places near SC colony.</li> <li>*Under threat of land slide in future.</li> <li><b>*In heavy rains 28 families of Puthiyaparambu SC colony should be evacuated.</b></li> <li>*Desilting of main streams near the SC colony needed against occurrence of flood.</li> </ul>
13	25-08-2019	8	Kariavattom	Poolackal kudukku proposed quarry site of Sajan maani.	<ul style="list-style-type: none"> <li>*Several land slide occurrence since 1967.</li> <li>*Tectonically active area.</li> <li><b>*In heavy rains 98 families should be evacuated.</b></li> <li>*Quarry permission to be denied.</li> </ul>
14	25-08-2019	7	Keezhattur	Mulliarkurissy mala-Chengara ST colony	<ul style="list-style-type: none"> <li>*Land slip occurred area.</li> <li><b>*6 houses to be evacuated during heavy rain.</b></li> </ul>
15	25-08-2019	7	Keezhattur	Mulliarkurissy mala-Manalkunnu-Chempa area	<ul style="list-style-type: none"> <li>*Land slide occurred area.</li> <li><b>*10 houses to be evacuated during heavy rain.</b></li> </ul>
16	25-08-2019	8	Kariavattom	Pallikuthu-Thekkan mala	<ul style="list-style-type: none"> <li>*Land slide occurred area.</li> <li>*No effect of quarrying but existence of huge boulders</li> <li>*Rock boulders should be removed with the help of quarry owners.</li> <li><b>* Families including Koduavayikkal SC colony 28 families and 12 other families should be evacuated during heavy rains.</b></li> </ul>
17	25-08-2019	8	Vettathur	Carmel estate	<ul style="list-style-type: none"> <li>*Land slide occurred area.</li> <li>*Under threat of land slide in future.</li> <li>*Comes under moderate hazard zone.</li> <li><b>*Inhabitants of Carmel Ashram to be shifted during heavy rain.</b></li> </ul>

18	25-08-2019	6	Pathayikkara	Kunnupalli	<p>*Land slipping occurred in 2 places on the north east side Chirattamala .</p> <p>*Pond of size 30*30*3 is situated in the centre portion of quarry.</p> <p>*Flow of Quarry waste and over flow from pond channelised which is a risk factor.</p> <p>*The area is under moderate hazard zone.</p> <p><b>*One house in the valley portion and the families of north side of the quarry should be evacuated during heavy rains.</b></p>
19	26-08-2019	8	Kariavattom	Chudalakundu-Naduvilkottilathu para	<p>*Several land slide occurrence since 1962.</p> <p>*Tectonically active area.</p> <p>*Threat of land slide in future.</p> <p><b>*80 Families should be evacuated during heavy rains.</b></p>
20	26-08-2019	6	Puzhakkattiri	kadungapuram - pallikulambu	<p>*Land slide area. Not fit for human stay.</p> <p><b>*3 houses occupied should be shifted.</b></p> <p><b>*5 houses under construction are also unfit for human living. laterite quarrying should be denied.</b></p>
21	26-08-2019	6	Pathayikkara	Nellikkunnu	<p>*Undulating lateritic terrain.Under safe zone.</p> <p>*Debris flow occurred.</p> <p>*Natural flow of first order stream is interrupted by unsuitable construction of retaining wall above this hillock.</p> <p>*Cracks are developed in one house in the foot hill.</p> <p><b>* 4 families of foot hill should be evacuated during heavy rains.</b></p>
22	26-08-2019	7	Nemini	Panthallur plantaton	<p>*Land slide occurred area.</p> <p>*Cracks are visible.</p> <p><b>*100 families down hill to be shifted during heavy rain.</b></p>
23	26-08-2019	7	Nemini	Arikkandampaakku-Panthallur church road Purayan mala	<p>*Land slide occurred in Nellumala.</p> <p>*Cracks are visible.</p> <p><b>*10 families down hill to be shifted during heavy rain.</b></p>
24	27-08-2019	3	Kodur	Valiathody cholassery kadavu,Mangattupuram kizhakkeparambu	<p>*Small land slip in River bank(stream bank erosion).</p> <p><b>*2 families should be shifted during heavy rain and flooding.</b></p> <p>* Protection measures along River bank needed.</p>

25	27-08-2019	7	Koottilangadi	Valiyaparambu-Maittakulam	<p>*Water stored in many laterite quarries on the up hill portion.</p> <p><b>*Threat for 14 families of Kozhinjil,Kottapalli,Kolaparambu areas.</b></p> <p><b>*Families should be shifted during heavy rain.</b></p> <p><b>*Unlicensed quarries should be stopped.</b></p>
26	28-08-2019	3	Kodur	Mankkarathodi kadavu	<p>*Stream bank eroded cliff.</p> <p><b>*2 houses are in dangerous condition.</b></p> <p>*Shift temporarily until a protection wall is constructed.</p> <p>*May be recommended to RMF.</p>
27	28-08-2019	8	Kariavattom	Mannarmala, Kaittathingal	<p>*Threat for huge Rock on the up hill portion.</p> <p>*The rock to be removed, if not</p> <p><b>*20 Families to be shifted during heavy rain.</b></p>
28	28-08-2019	8	Kariavattom	Peedikappadi	<p>*Threat for huge Rocks on the up hill portion.</p> <p>*The rock to be removed, if not</p> <p><b>*Houses of Sakkir hussain,Puliyakkattil and Hamsa,Machingal to be shifted during heavy rain.</b></p>
29	28-08-2019	6	Mankada	Koottil colony , foot slope of kumaragiri estate	<p>*land slide area .</p> <p>* Rubber plantation .</p> <p>*Near to moderate hazard zone.</p> <p>*Disturbances due to mechanised farming.</p> <p><b>*6 houses to be shifted during heavy rain.</b></p>
30	28-08-2019	3	Kodur	Cholassery kadavu 2 sites	<p>*Stream bank erosion.</p> <p>*Protection wall should be constructed.</p> <p>*May be recommended to RMF.</p> <p><b>*One house to be shifted temporarily during heavy rain and flood time.</b></p>
31	28-08-2019	7	Koottilangadi	Kottapalla, kozhinjil palakkal parambu kaduupuram	<p>*Cracks visible on the road.</p> <p>* Minor land slip occurred.</p> <p>*Water stored in the quarries should be emptied.</p> <p><b>*7 houses of Kottapalla, 14 houses of kozhinjil to be shifted during heavy rain.</b></p>
32	28-08-2019	5	Anamangad	Nallakkara	<b>7 houses to be shifted during heavy rain.</b>

**Team members in this District :**

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