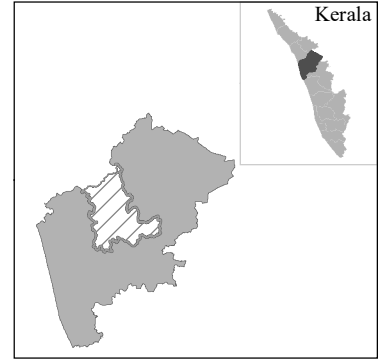


76°0'0"E

ERNAD TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 10 Year Return Probability)



11°2'0"N

11°2'0"N

11°0'0"N

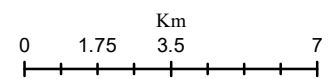
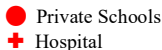
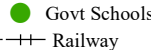
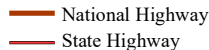
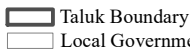
11°0'0"N

76°0'0"E

Flood Water Level (m)



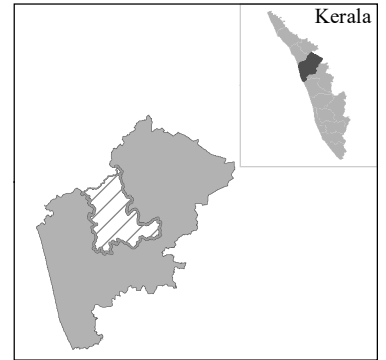
Legend



RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

ERNAD TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 25 Year Return Probability)



11°2'0"N

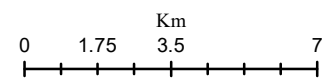
11°2'0"N

11°0'0"N

11°0'0"N

76°0'0"E

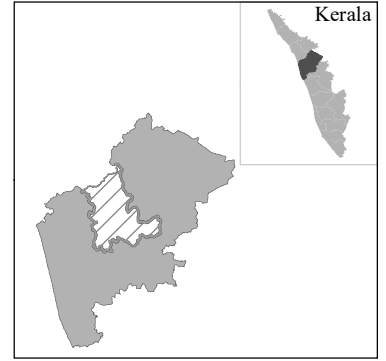
Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Govt Schools
			Private Schools
			Hospital
			Railway



RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
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76°0'0"E

ERNAD TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 50 Year Return Probability)



11°20'0"N

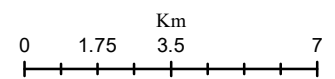
11°20'0"N

11°0'0"N

11°0'0"N

76°0'0"E

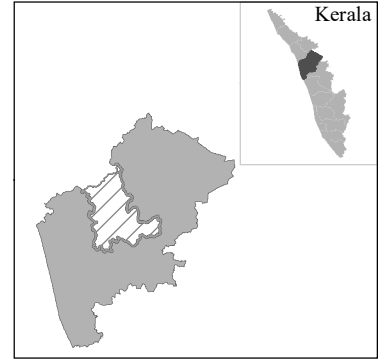
Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Railway
	Local Government		Govt Schools
			Private Schools
			Hospital



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 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
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76°0'0"E

ERNAD TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 100 Year Return Probability)



11°2'0"N

11°2'0"N

11°0'0"N

11°0'0"N

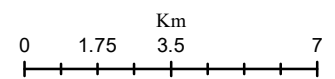
76°0'0"E

Flood Water Level (m)



Legend

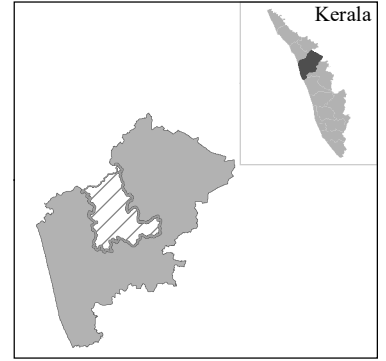
- Taluk Boundary
- National Highway
- Govt Schools
- Private Schools
- State Highway
- Railway
- Hospital
- Local Government



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 Thiruvananthapuram
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76°0'0"E

ERNAD TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 200 Year Return Probability)



11°20'0"N

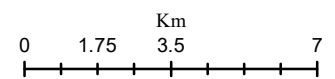
11°20'0"N

11°0'0"N

11°0'0"N

76°0'0"E

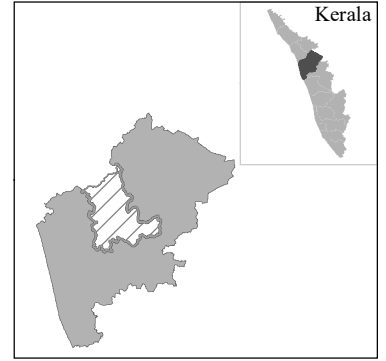
Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
			Local Government
			Hospital
			Railway
			Private Schools



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 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

ERNAD TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 500 Year Return Probability)



11°20'0"N

11°20'0"N

11°0'0"N

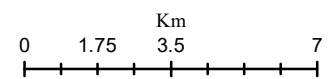
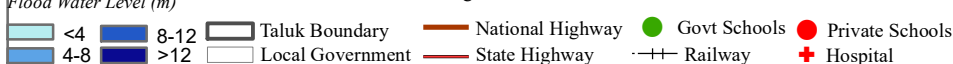
11°0'0"N

76°0'0"E

Flood Water Level (m)



Legend



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Thiruvananthapuram
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

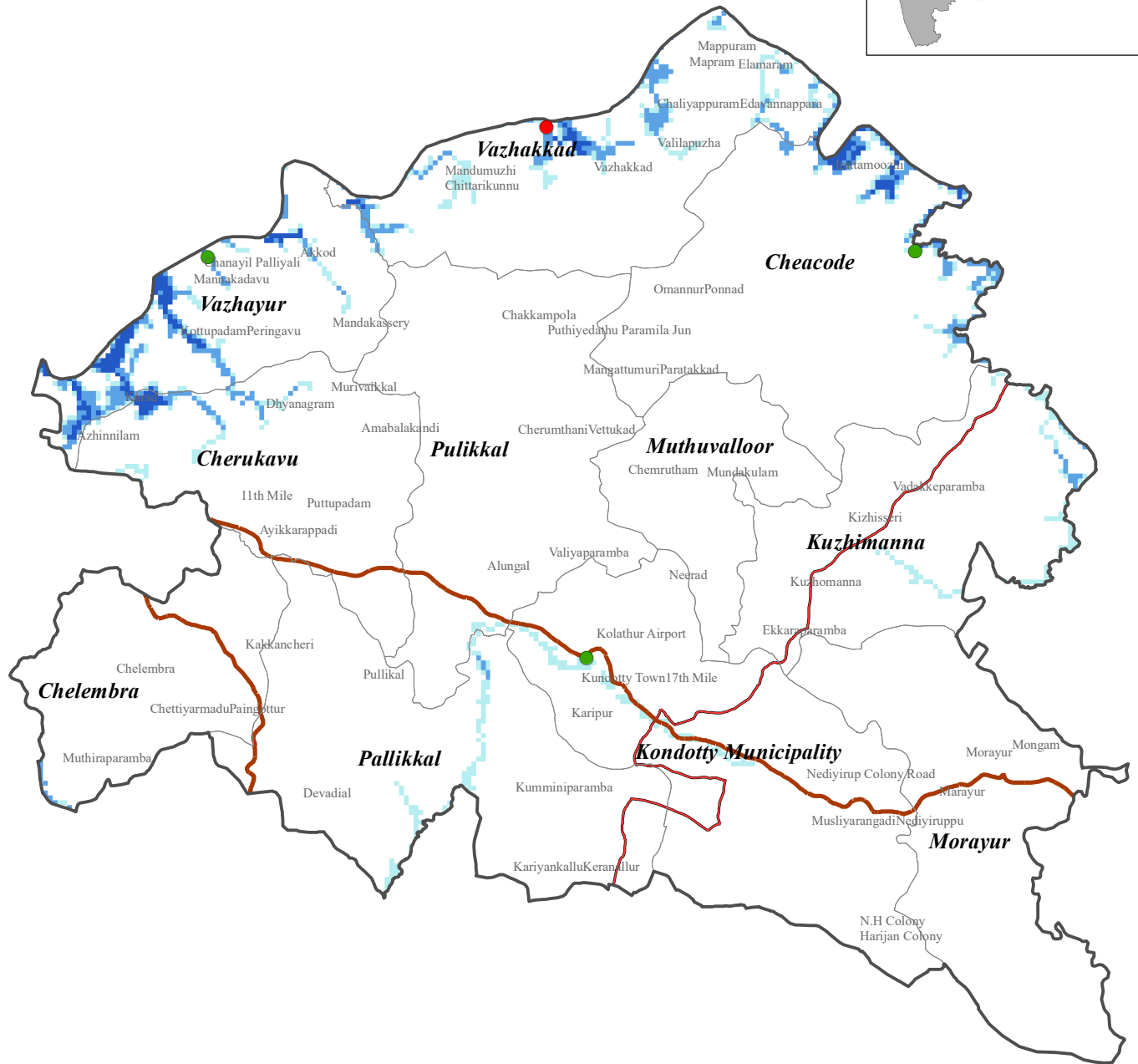
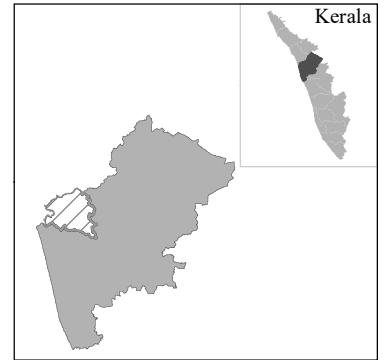
List of affected Schools/ Hospitals (LSG Wise)

MALAPPURAM DISTRICT						
ERANAD TALUK						
Name of affected Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Keezhuparamba						
School						
AmLPS Kallingal	✓	✓	✓	✓	✓	✓
G.L.P.S Kuniyil South	✓	✓	✓	✓	✓	✓
GLPS Kuniyil South		✓	✓	✓	✓	✓
GmLPS Kizhuparamba	✓	✓	✓	✓	✓	✓
MkkhmaUPS Pathanapuram		✓	✓	✓	✓	✓
Malappuram Municipality						
School						
A.L.P.S. NoorangaLMukku						✓
G.L.P.S Melmuri North	✓	✓	✓	✓	✓	✓
G.L.P.S. MeLMuri South						✓
G.M.L.P.S. MeLMuri Central						✓
G.M.U.P.S. MeLMuri						✓
M.U.A.U.P.S. Panakkad						✓
Urangattiri						
Hospital						
Alnas Hospital Pathanapuram Areacod			✓	✓	✓	✓
School						
S S H S S Moorkanad					✓	✓

KONDOTTY TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)

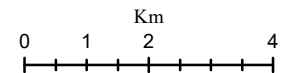
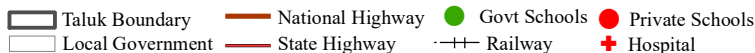
N



Flood Water Level (m)



Legend



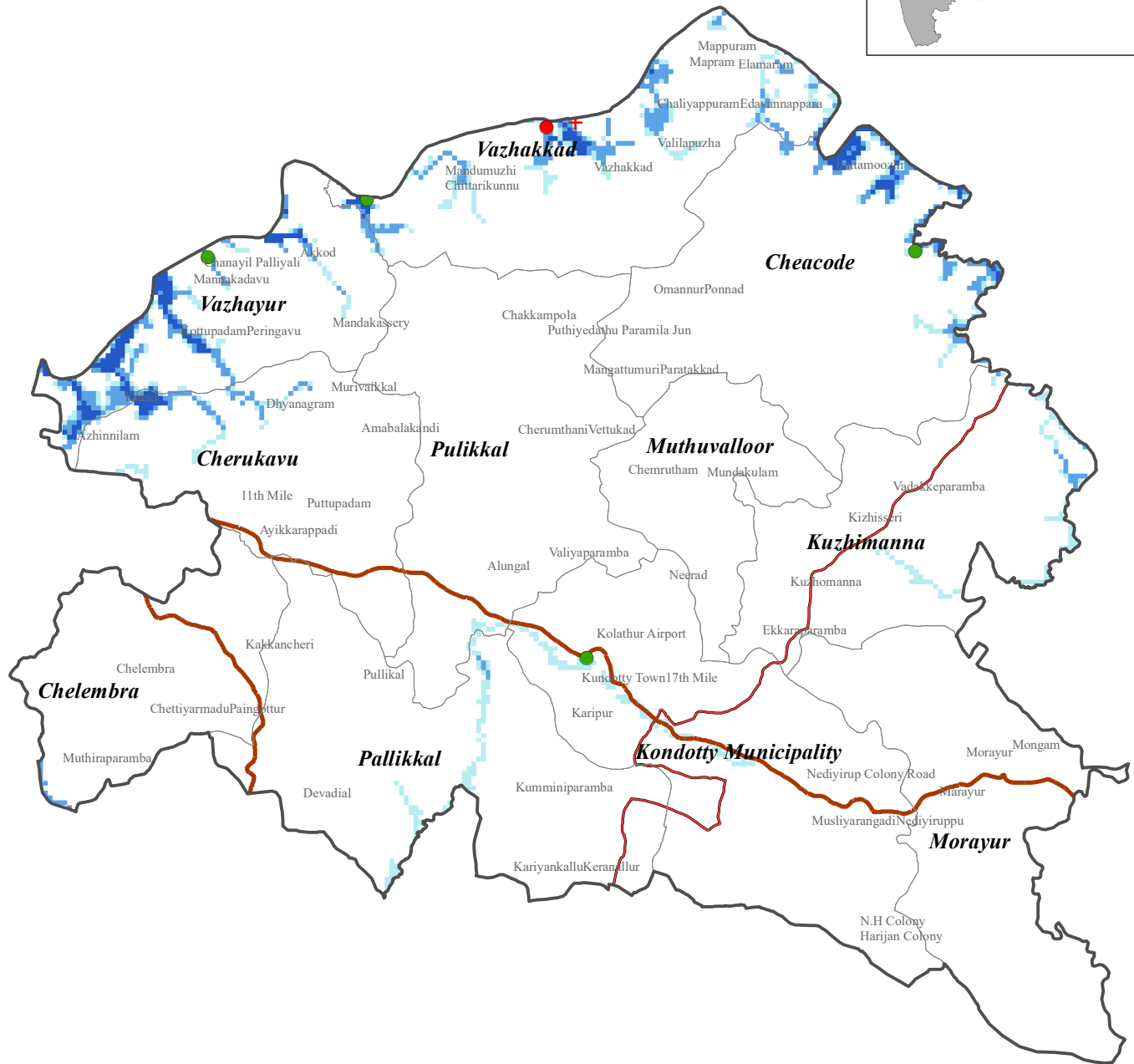
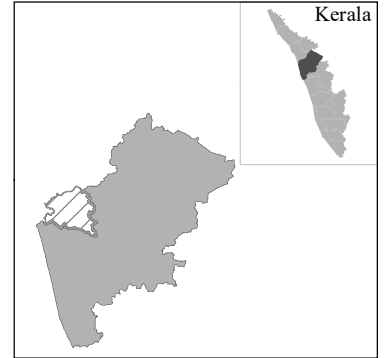
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Thiruvananthapuram

External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

KONDOTTY TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)

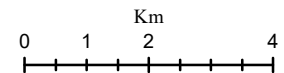
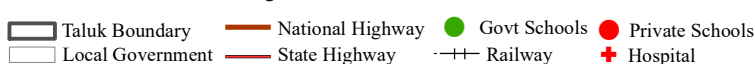
N



Flood Water Level (m)



Legend



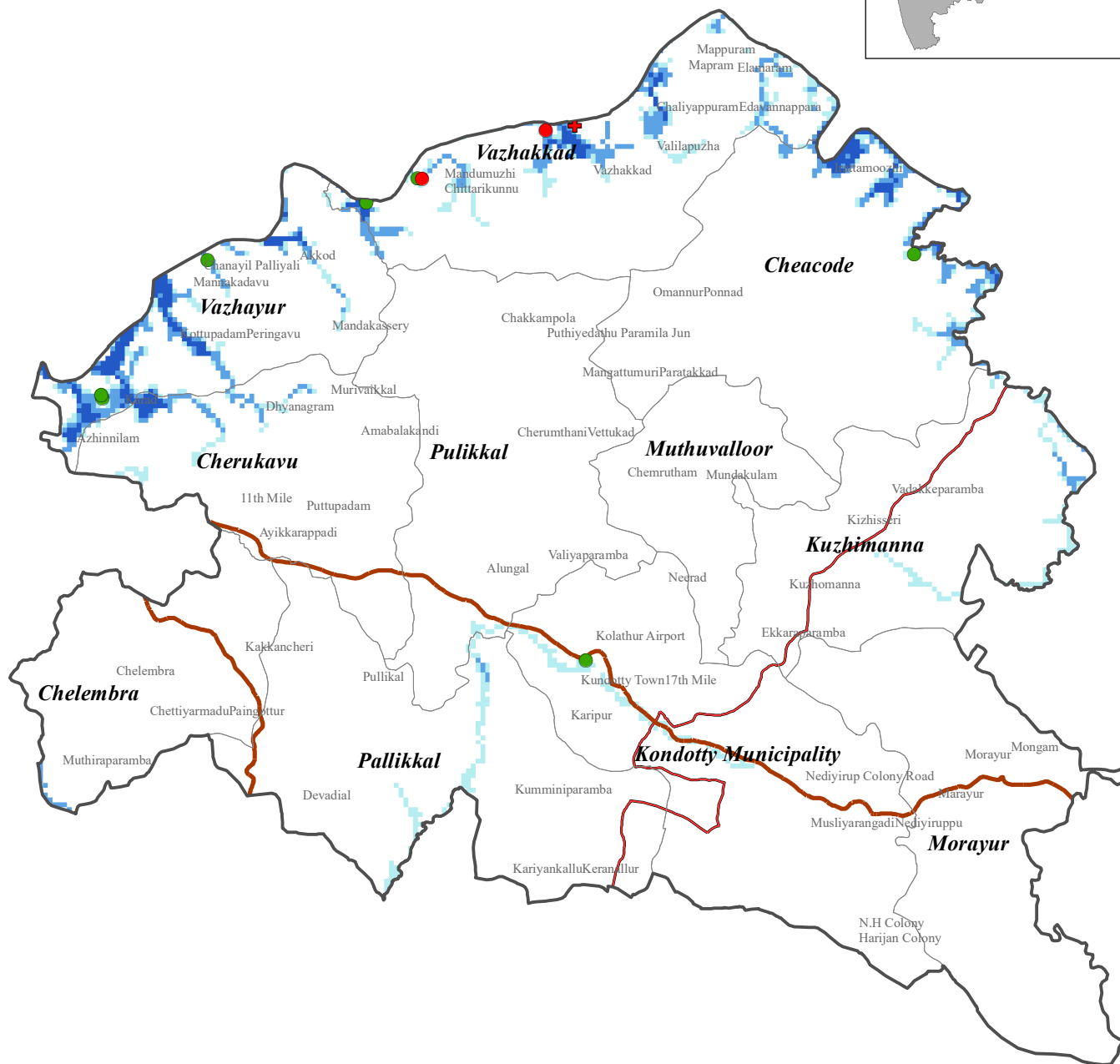
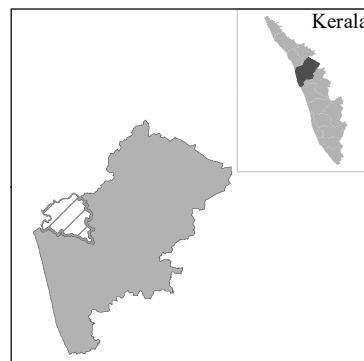
RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram

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Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

KONDOTTY TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)

N

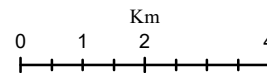


Flood Water Level (m)



Legend

- Taluk Boundary
- National Highway
- Govt Schools
- Private Schools
- Local Government
- State Highway
- Railway
- Hospital

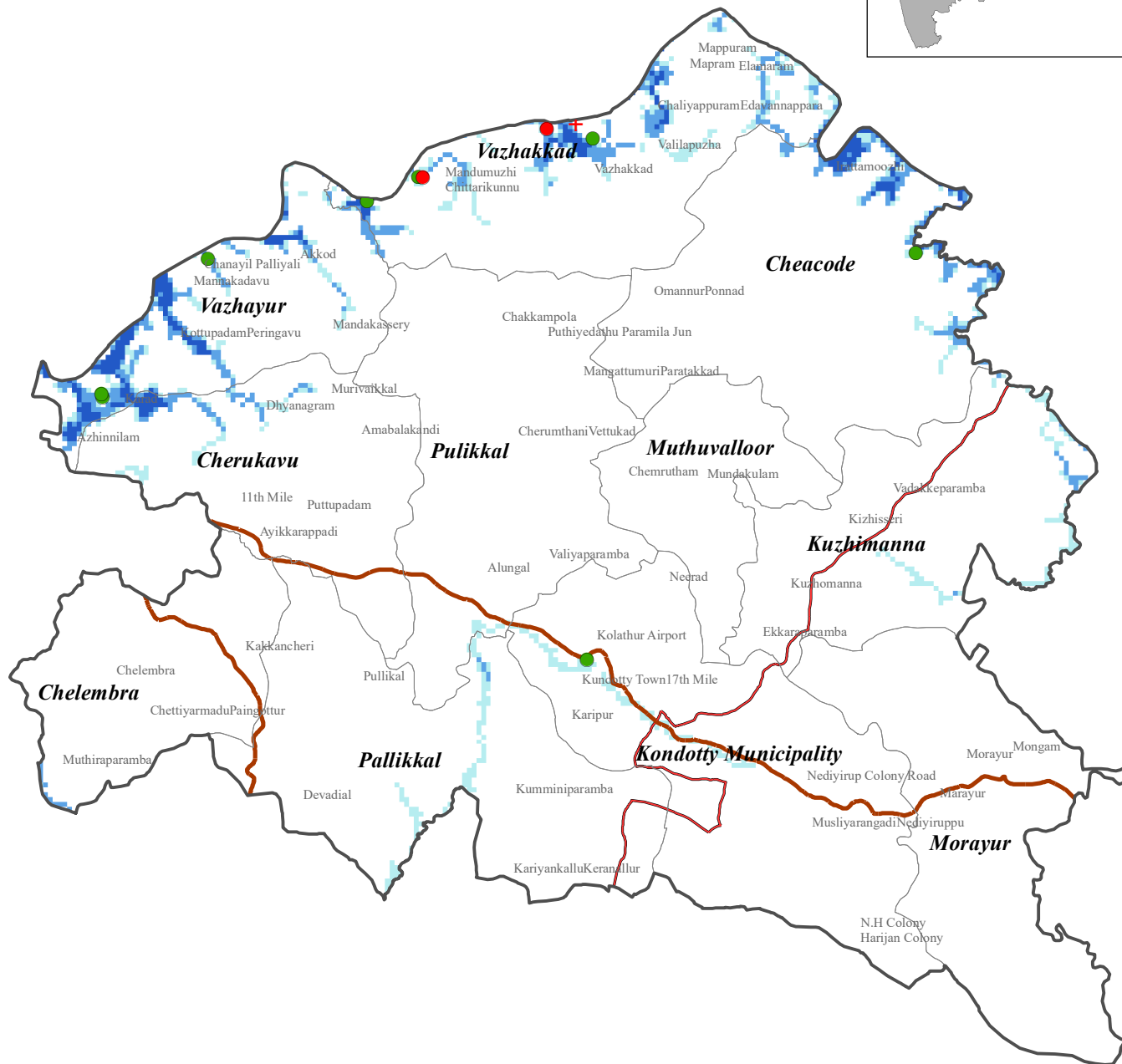
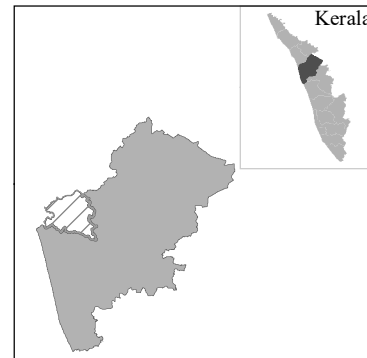


RISK LAB, KSEOC
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Thiruvananthapuram

External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

KONDOTTY TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 100 Year Return Probability)

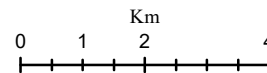
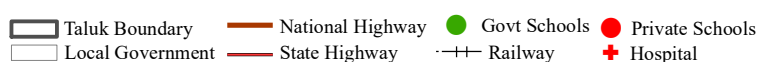
N



Flood Water Level (m)



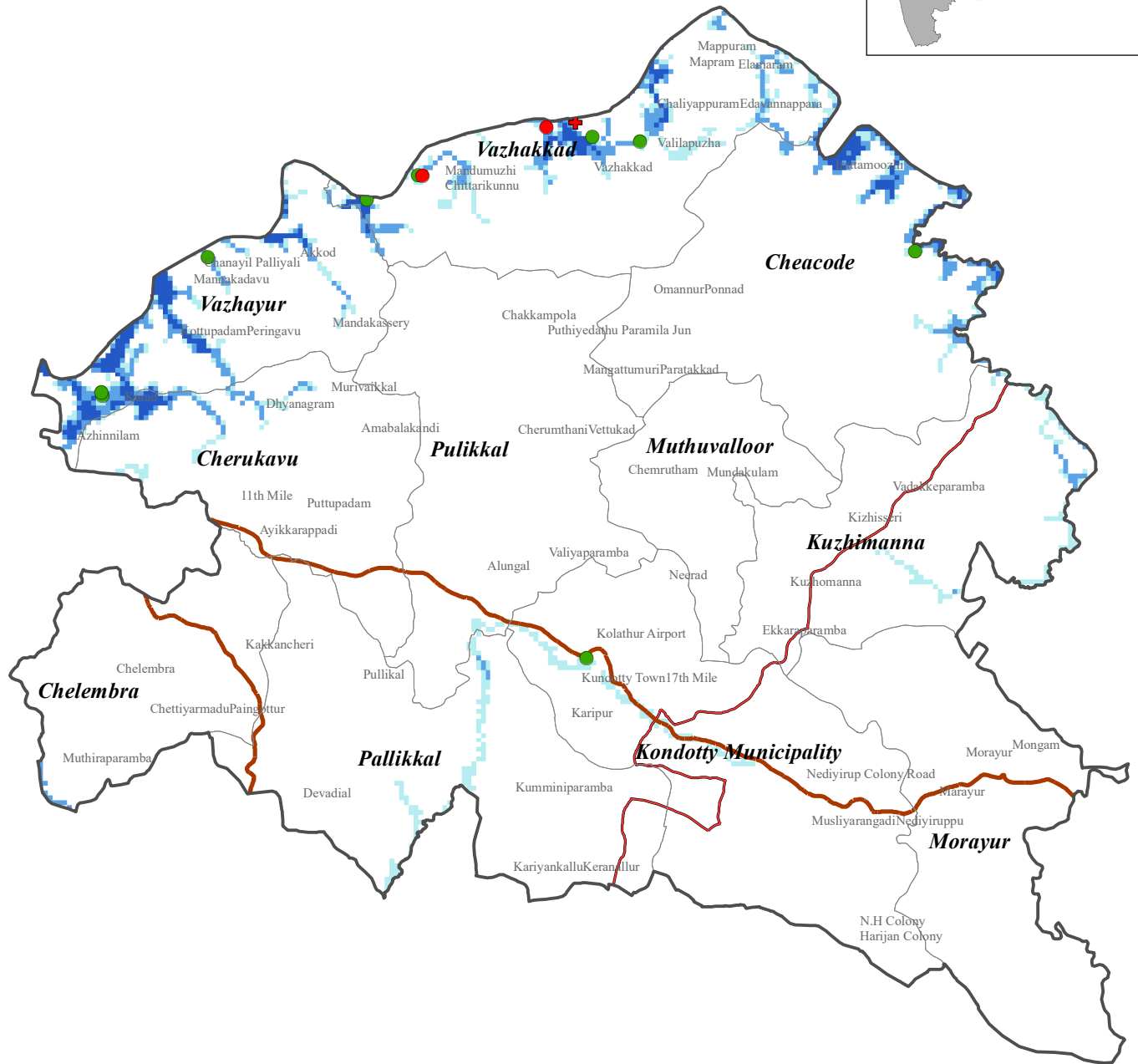
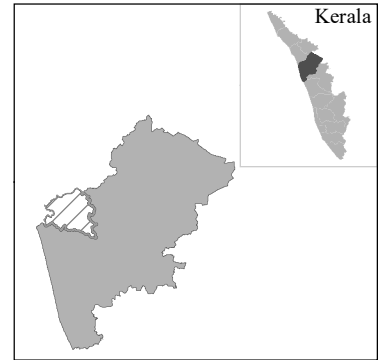
Legend



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Thiruvananthapuram

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Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

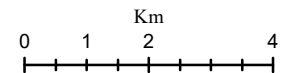
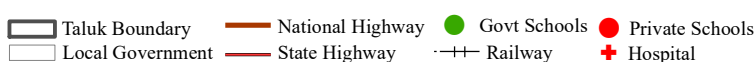
KONDOTTY TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 200 Year Return Probability)



Flood Water Level (m)



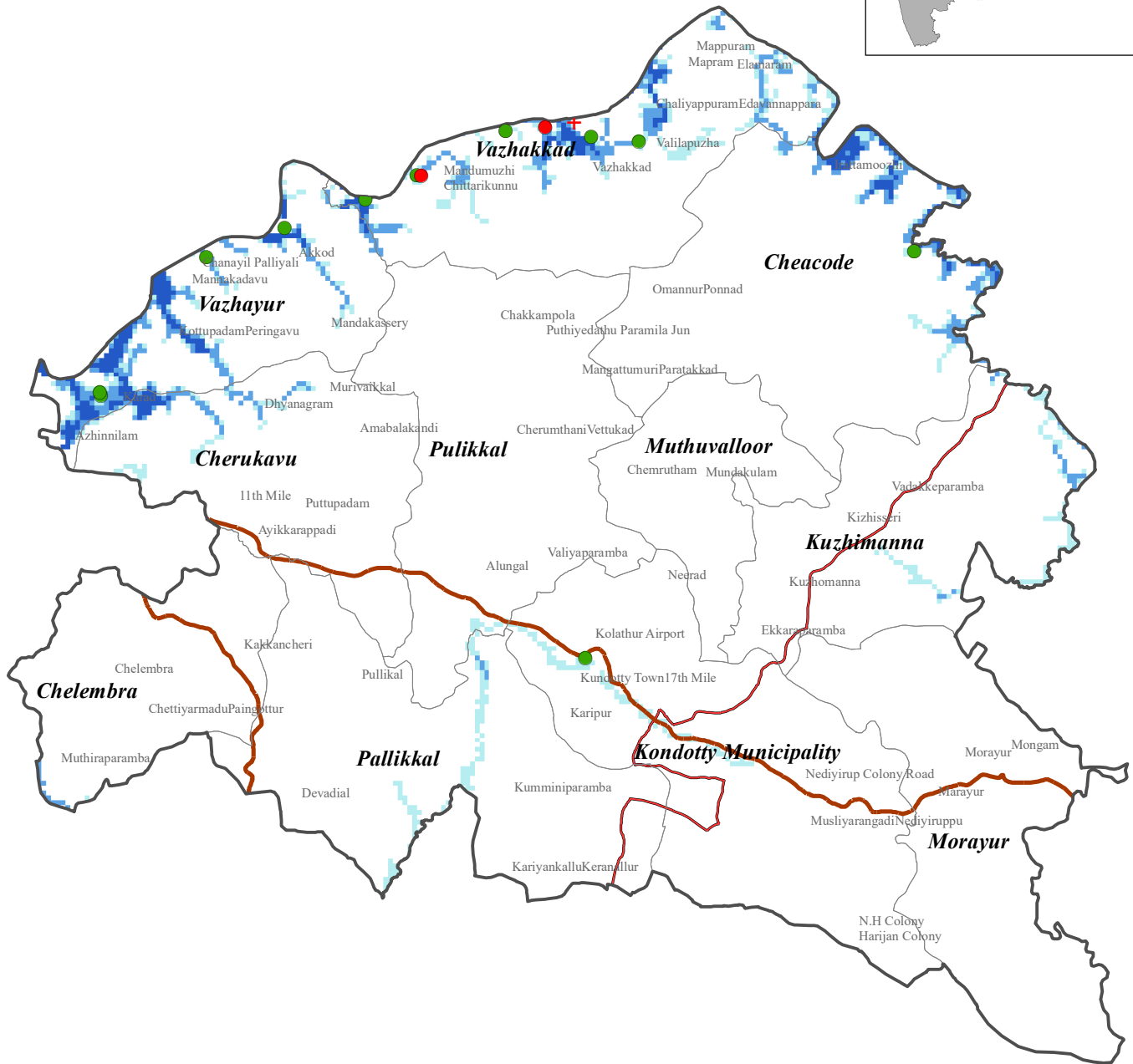
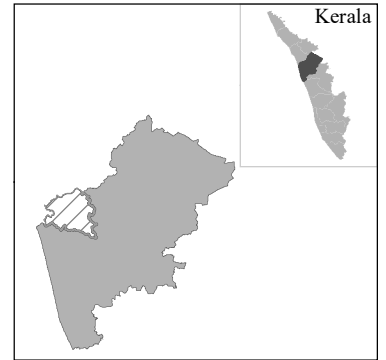
Legend



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Thiruvananthapuram

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Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

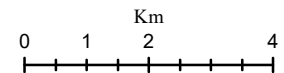
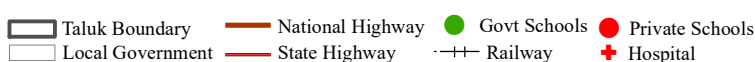
KONDOTTY TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 500 Year Return Probability)



Flood Water Level (m)



Legend



RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram

External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

List of affected Schools/ Hospitals (LSG Wise)

MALAPPURAM DISTRICT						
KONDOTTY TALUK						
Name of affected Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Cheacode						
School						
GLPS Vilayil	✓	✓	✓	✓	✓	✓
Kondotty Municipality						
School						
G.L.P.S. Thurakkal	✓	✓	✓	✓	✓	✓
Vazhakkad						
Hospital						
Iqra Hospital Vazhakkad		✓	✓	✓	✓	✓
School						
A.M.U.P.S. Akkode Virippadam			✓	✓	✓	✓
G.L.P.S. Mundumuzhi						✓
G.M.L.P.S. Akkode		✓	✓	✓	✓	✓
G.M.U.P.S Vazhakkad	✓	✓	✓	✓	✓	✓
Karunyabhavan School For The Deaf, Vazhakkad					✓	✓
Model Technical HSS Vazhakkad				✓	✓	✓
Vazhayur						
School						
A.L.P.S. Azhinhilam			✓	✓	✓	✓
A.M.L.P.S. Iyathingal						✓
A.U.P.S. Azhinhilam			✓	✓	✓	✓
G.M.L.P.S. Vazhayur	✓	✓	✓	✓	✓	✓

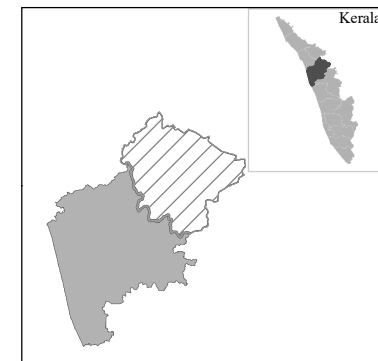
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



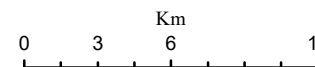
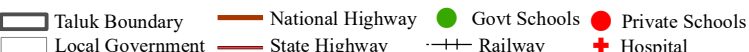
11°20'0"N

11°20'0"N

Flood Water Level (m)



Legend



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 Kerala State Disaster Management Authority
 Thiruvananthapuram

*External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)*

76°0'0"E

76°20'0"E

76°40'0"E

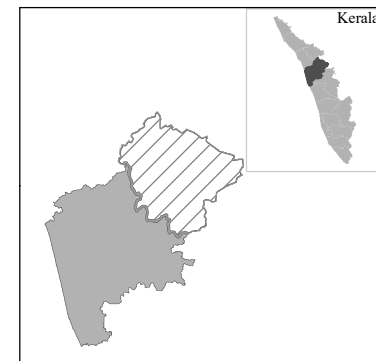
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



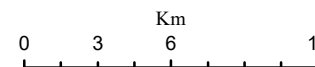
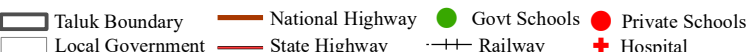
11°20'0"N

11°20'0"N

Flood Water Level (m)



Legend



RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram

*External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)*

76°0'0"E

76°20'0"E

76°40'0"E

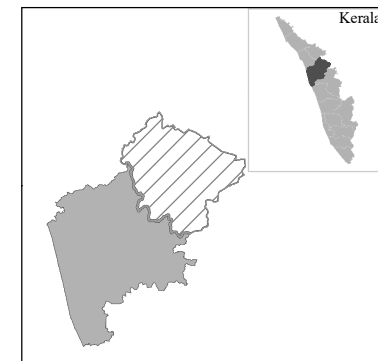
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



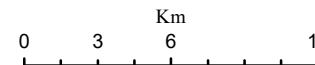
11°20'0"N

11°20'0"N

Flood Water Level (m)

Legend

- | | | | | | | | |
|--|-----|--|------------------|--|--------------|--|-----------------|
| | <4 | | Taluk Boundary | | Govt Schools | | Private Schools |
| | 4-8 | | National Highway | | Railway | | Hospital |
| | >12 | | Local Government | | | | |



RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram

External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

76°20'0"E

76°40'0"E

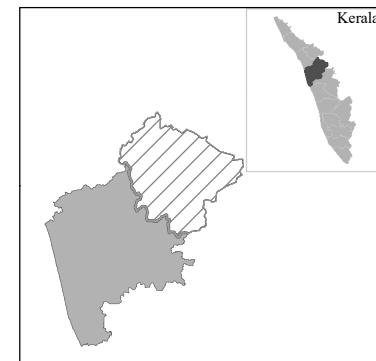
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



11°20'0"N

11°20'0"N

11°0'0"N

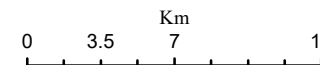
11°0'0"N

Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
	Govt Schools		Private Schools
	Hospital		

76°0'0"E

76°20'0"E

76°40'0"E



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 Kerala State Disaster Management Authority
 Thiruvananthapuram
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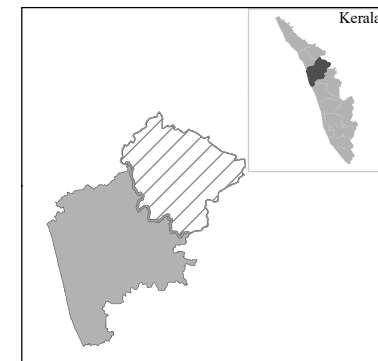
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



11°20'0"N

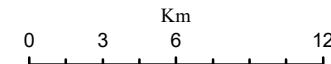
11°20'0"N

76°0'0"E

76°20'0"E

76°40'0"E

Flood Water Level (m)		Legend	
 <4	 8-12	 Taluk Boundary	 National Highway
 4-8	 >12	 Local Government	 State Highway
		● Govt Schools	● Private Schools
		+ Hospital	 Railway



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 Kerala State Disaster Management Authority
 Thiruvananthapuram
External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

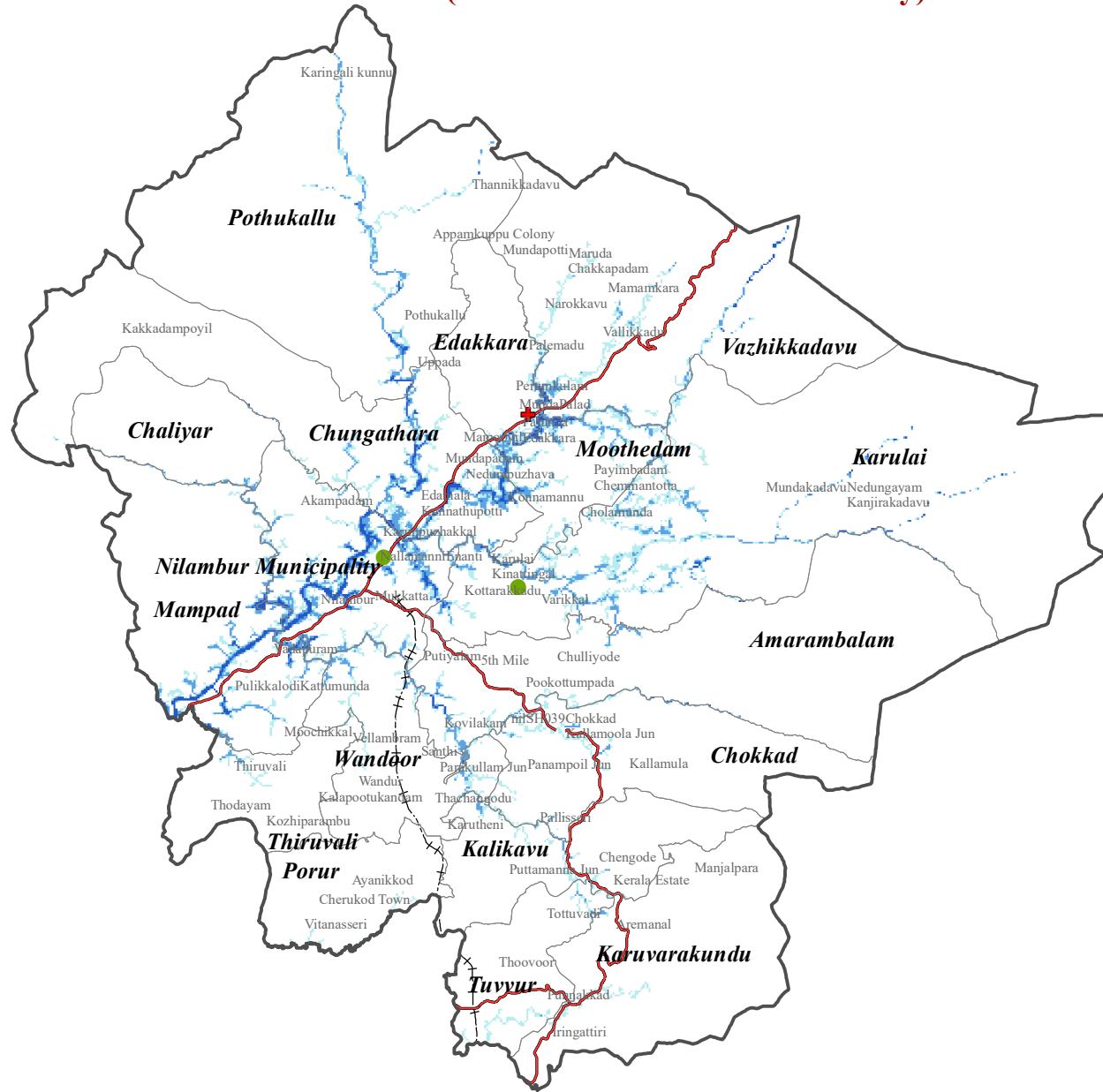
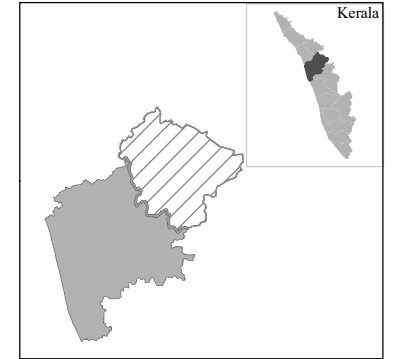
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



11°20'0"N

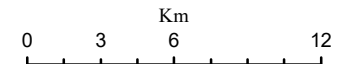
11°20'0"N

76°0'0"E

76°20'0"E

76°40'0"E

Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
	Govt Schools		Hospital
	Private Schools		Railway



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List of affected Schools/ Hospitals (LSG Wise)

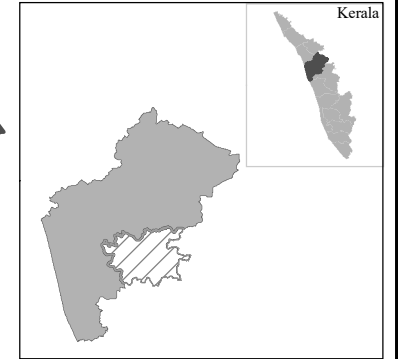
MALAPPURAM DISTRICT						
NILAMBUR TALUK						
Name of affected Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Edakkara						
Hospital						
Ernad Hospital, Edakkara		✓	✓	✓	✓	✓
Karulai						
School						
Pulliyil GUPS	✓	✓	✓	✓	✓	✓
Ssa Kuttimala	✓	✓	✓	✓	✓	✓
Varikkal GLPS	✓	✓	✓	✓	✓	✓
Nilambur Municipality						
School						
I G M M R S Nilambur		✓	✓	✓	✓	✓

76°0'0"E

76°20'0"E

PERINTHALMANNA TALUK (MALAPPURAM DISTRICT)

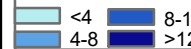
Flood Inundation (1 in 10 Year Return Probability)



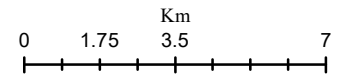
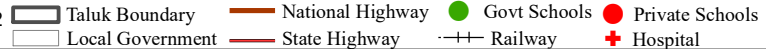
11°0'0"N

11°0'0"N

Flood Water Level (m)



Legend



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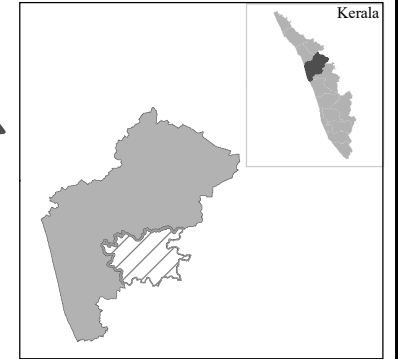
76°0'0"E

76°20'0"E

76°0'0"E

76°20'0"E

PERINTHALMANNA TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 25 Year Return Probability)



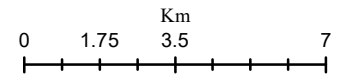
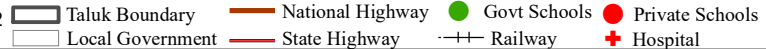
11°0'0"N

11°0'0"N

Flood Water Level (m)



Legend



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External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

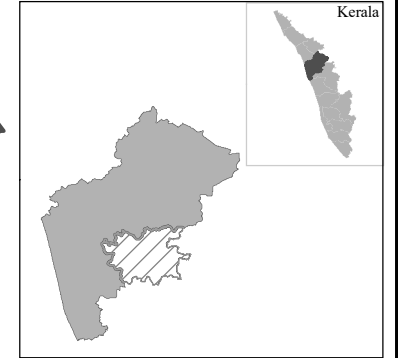
76°0'0"E

76°20'0"E

76°0'0"E

76°20'0"E

PERINTHALMANNA TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 50 Year Return Probability)



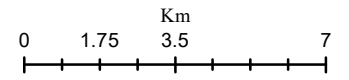
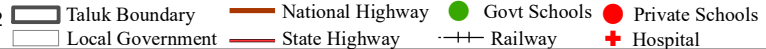
11°0'0"N

11°0'0"N

Flood Water Level (m)



Legend



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Thiruvananthapuram
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

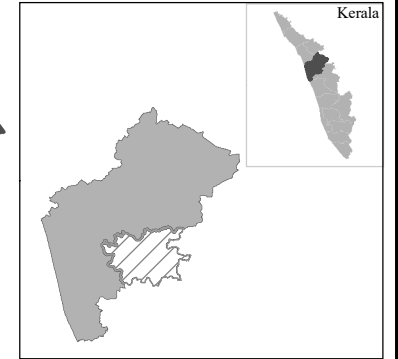
76°20'0"E

76°0'0"E

76°20'0"E

PERINTHALMANNA TALUK (MALAPPURAM DISTRICT)

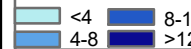
Flood Inundation (1 in 100 Year Return Probability)



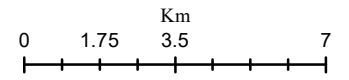
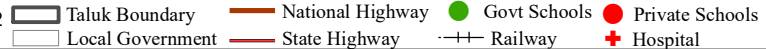
11°0'0"N

11°0'0"N

Flood Water Level (m)



Legend



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 Thiruvananthapuram
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 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

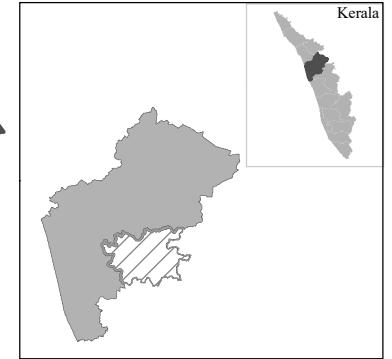
76°20'0"E

76°0'0"E

76°20'0"E

PERINTHALMANNA TALUK (MALAPPURAM DISTRICT)

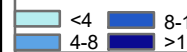
Flood Inundation (1 in 200 Year Return Probability)



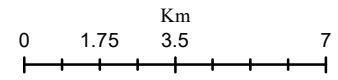
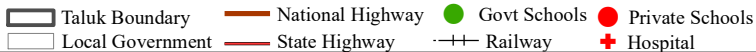
11°0'0"N

11°0'0"N

Flood Water Level (m)



Legend



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 Kerala State Disaster Management Authority
 Thiruvananthapuram
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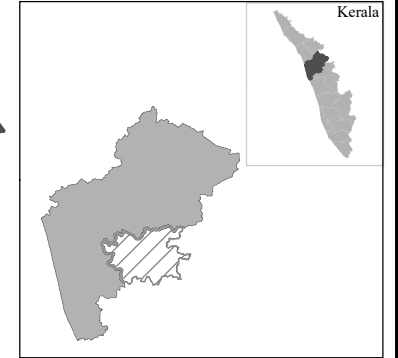
76°0'0"E

76°20'0"E

76°0'0"E

76°20'0"E

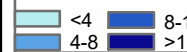
PERINTHALMANNA TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 500 Year Return Probability)



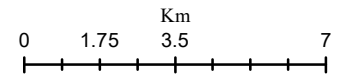
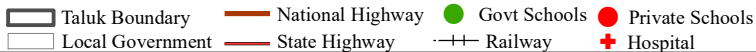
11°0'0"N

11°0'0"N

Flood Water Level (m)



Legend



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Thiruvananthapuram
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Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

76°20'0"E

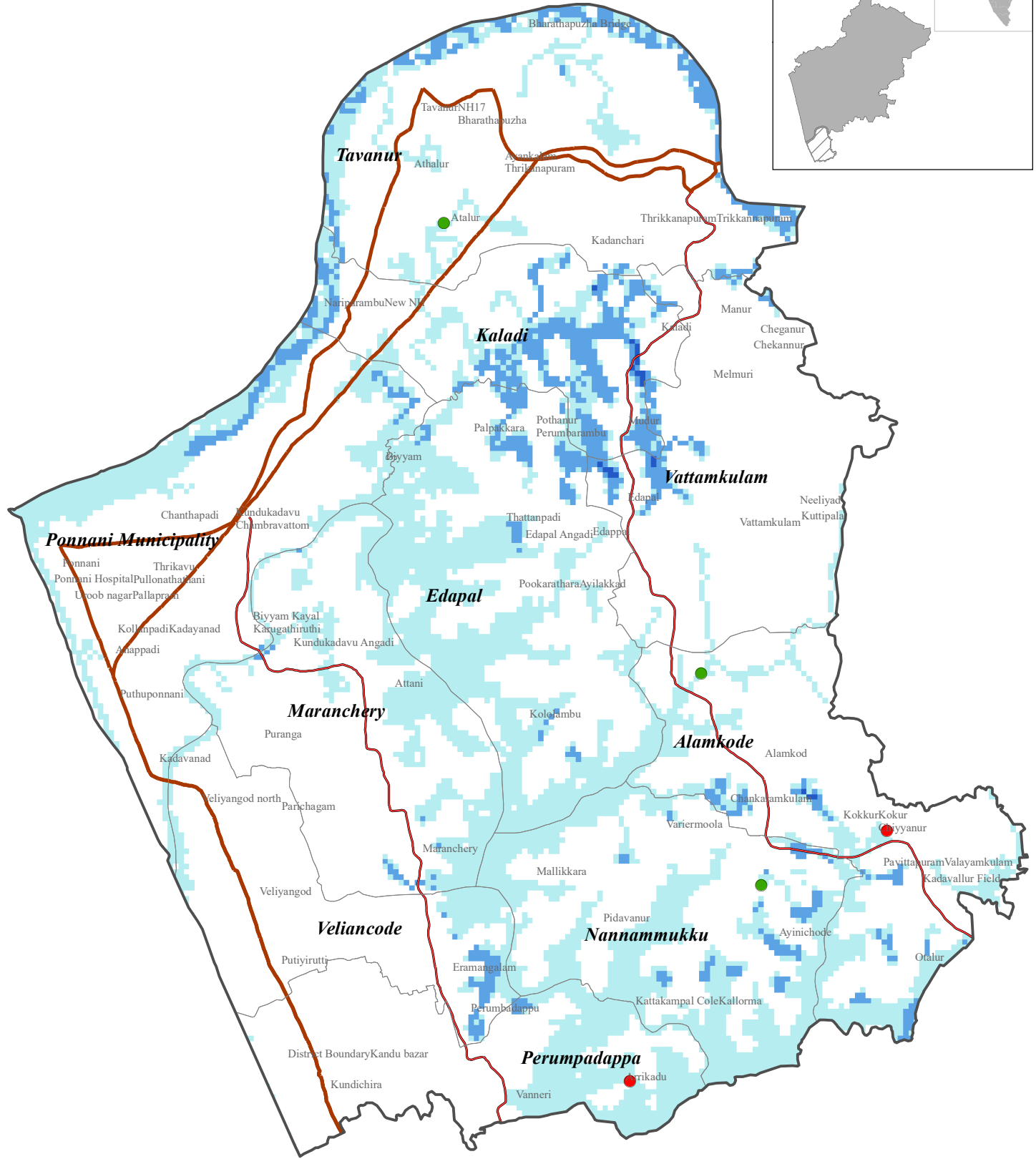
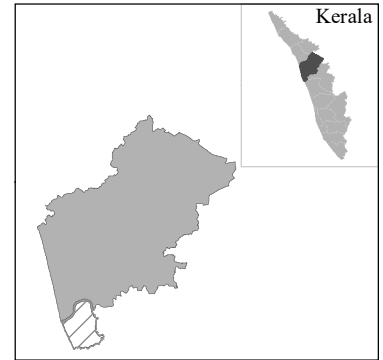
List of affected Schools/ Hospitals (LSG Wise)

MALAPPURAM DISTRICT						
PERINTHALMANNA TALUK						
Name of affected Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Makkaraparamba						
School						
Vmhm U.P.S Punarppa						✓
Perinthalmanna						
Hospital						
Darushifa Clinic Kattuppara	✓	✓	✓	✓	✓	✓
Pulamanthole						
Hospital						
Darushifa Clinic Kattuppara		✓	✓	✓	✓	✓

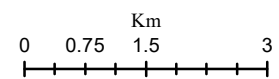
MALAPPURAM DISTRICT											
PERINTHALMANNA TALUK											
1 in 10 YEAR (Historic)				1 in 25 YEAR (Historic)				1 in 50 YEAR (Historic)			
SI No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)	SI No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)	SI No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aliparamba	1.74	8.64	1	Aliparamba	1.94	9.84	1	Aliparamba	2.09	10.55
2	Angadippuram	1.72	4.3	2	Angadippuram	1.89	5.1	2	Angadippuram	1.92	5.4
3	Edappatta	1.42	5.14	3	Edappatta	1.50	5.56	3	Edappatta	1.55	6.07
4	Elamkulam	1.82	7.31	4	Elamkulam	2.13	8.29	4	Elamkulam	2.26	9.08
5	Keezhattur	1.45	6.82	5	Keezhattur	1.62	7.82	5	Keezhattur	1.83	8.51
6	Kodumbu	1.58	8.88	6	Kodumbu	2.04	9.64	6	Kodumbu	2.25	10.17
7	Koottilangadi	2.50	8.9	7	Koottilangadi	2.69	9.24	7	Koottilangadi	2.79	9.43
8	Kuruva	1.23	8.47	8	Kuruva	1.28	8.77	8	Kuruva	1.30	8.91
9	Makkaraparamba	0.71	5.64	9	Makkaraparamba	0.78	6.24	9	Makkaraparamba	0.80	6.44
10	Mankada	0.39	1.49	10	Mankada	0.40	1.66	10	Mankada	0.43	1.69
11	Melattur	2.49	6.47	11	Melattur	2.71	7.47	11	Melattur	2.83	8.07
12	Moorkkanad	1.91	8.5	12	Moorkkanad	2.23	9.6	12	Moorkkanad	2.47	10.3
13	Perinthalmanna Municipality	0.13	1.19	13	Perinthalmanna Municipality	0.14	1.39	13	Perinthalmanna Municipality	0.14	1.49
14	Pulamanthole	3.37	8.53	14	Pulamanthole	3.72	9.61	14	Pulamanthole	3.96	10.13
15	Puzhakkattiri	0.95	3.2	15	Puzhakkattiri	1.02	3.7	15	Puzhakkattiri	1.06	4
16	Vettathur	0.14	2.64	16	Thazhekkode	0.02	0.06	16	Thazhekkode	0.04	0.13
				17	Vettathur	0.15	3.03	17	Vettathur	0.17	3.26
1 in 100 YEAR (Historic)				1 in 200 YEAR (Historic)				1 in 500 YEAR (Historic)			
SI No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)	SI No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)	SI No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aliparamba	2.28	11.36	1	Aliparamba	2.48	12.03	1	Aliparamba	2.67	12.88
2	Angadippuram	1.95	5.4	2	Angadippuram	2.08	5.7	2	Angadippuram	2.17	6.19
3	Edappatta	1.58	6.42	3	Edappatta	1.66	6.76	3	Edappatta	1.71	7.09
4	Elamkulam	2.45	9.79	4	Elamkulam	2.62	10.31	4	Elamkulam	2.76	10.82
5	Keezhattur	1.99	9.1	5	Keezhattur	2.06	9.51	5	Keezhattur	2.21	10.12
6	Kodumbu	2.37	10.73	6	Kodumbu	2.48	10.94	6	Kodumbu	2.65	11.27
7	Koottilangadi	2.89	9.56	7	Koottilangadi	2.99	9.71	7	Koottilangadi	3.08	9.84
8	Kuruva	1.34	8.99	8	Kuruva	1.35	9.14	8	Kuruva	1.42	9.21
9	Makkaraparamba	0.81	6.84	9	Makkaraparamba	0.83	7.14	9	Makkaraparamba	0.87	7.44
10	Mankada	0.44	1.79	10	Mankada	0.44	1.87	10	Mankada	0.44	1.96
11	Melattur	3.05	8.67	11	Melattur	3.29	9.07	11	Melattur	3.47	9.57
12	Moorkkanad	2.67	10.9	12	Moorkkanad	2.83	11.3	12	Moorkkanad	3.08	11.9
13	Perinthalmanna Municipality	0.14	1.59	13	Perinthalmanna Municipality	0.14	1.69	13	Perinthalmanna Municipality	0.15	1.89
14	Pulamanthole	4.16	10.14	14	Pulamanthole	4.25	10.16	14	Pulamanthole	4.60	10.19
15	Puzhakkattiri	1.07	4.38	15	Puzhakkattiri	1.11	4.68	15	Puzhakkattiri	1.15	5.17
16	Thazhekkode	0.05	0.19	16	Thazhekkode	0.05	0.25	16	Thazhekkode	0.05	0.32
17	Vettathur	0.18	3.48	17	Vettathur	0.18	3.79	17	Vettathur	0.19	4.11

PONNANI TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 10 Year Return Probability)

N

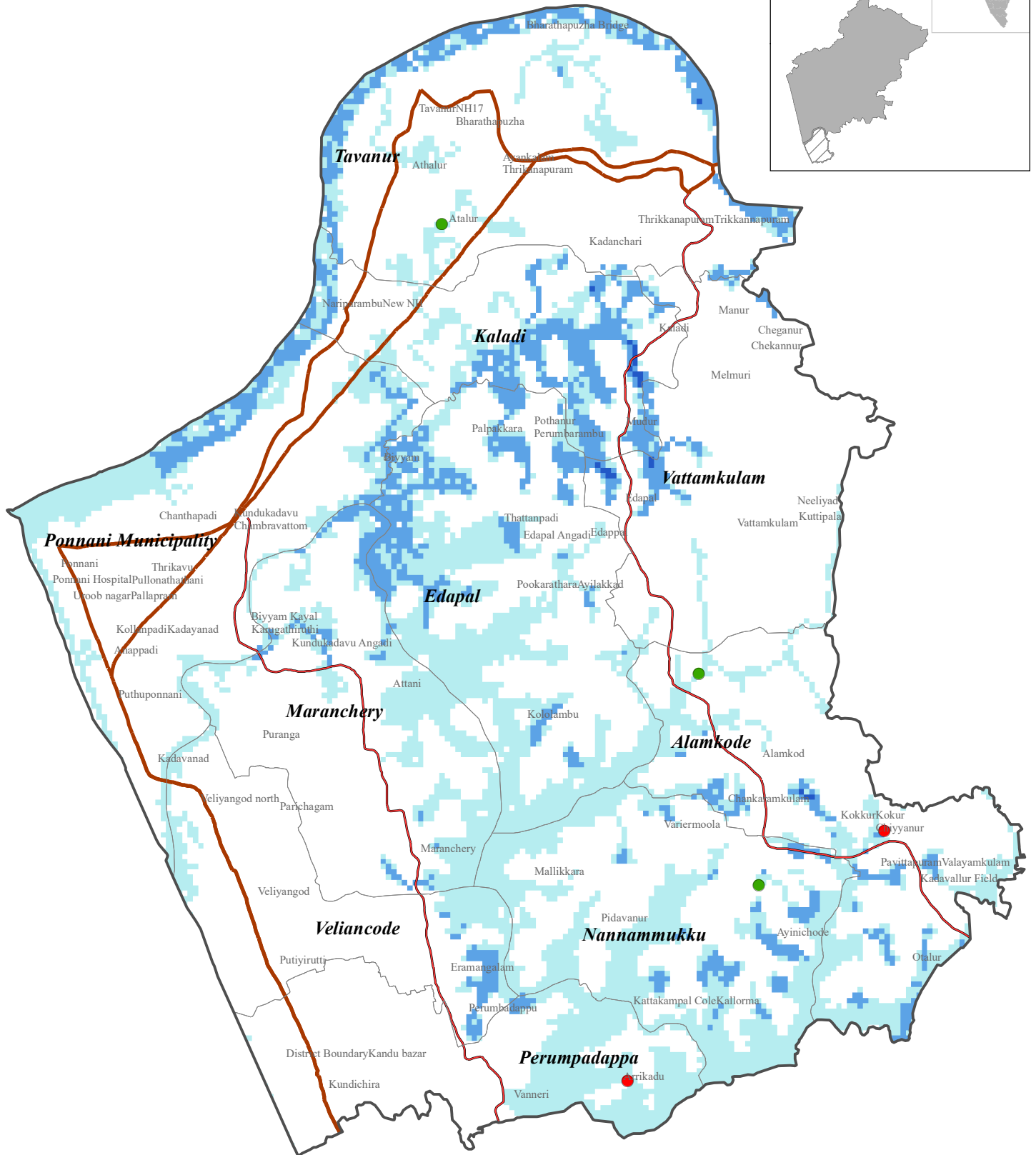
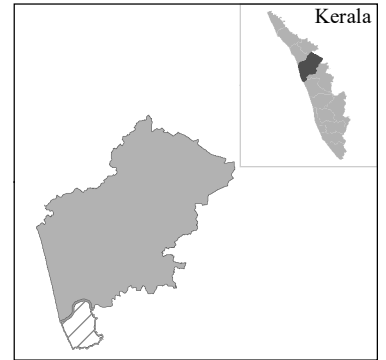


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
	Local Government		Private Schools
	Railway		Hospital

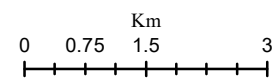


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PONNANI TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 25 Year Return Probability)

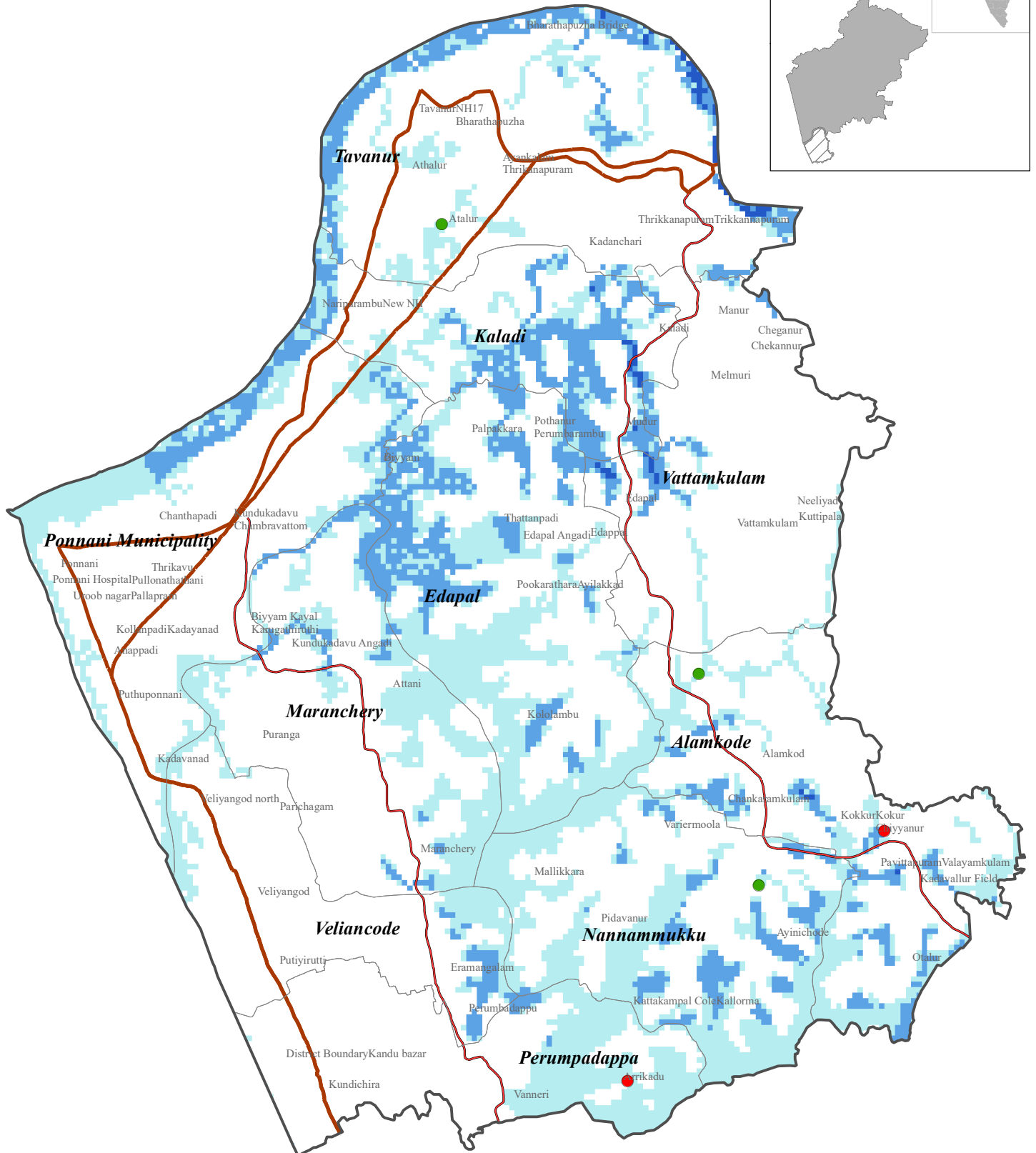
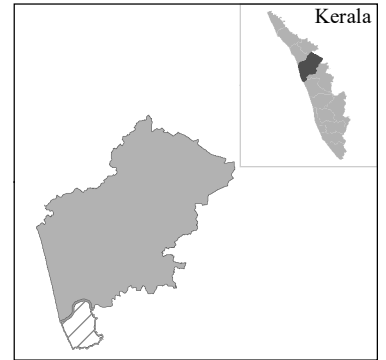


Flood Water Level (m)		Legend			
	<4		Taluk Boundary		Govt Schools
	4-8		National Highway		Private Schools
	8-12		State Highway		Hospital
	>12		Local Government		Railway



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PONNANI TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 50 Year Return Probability)

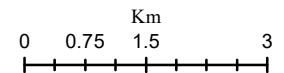


Flood Water Level (m)



Legend

- Taluk Boundary
- National Highway
- Govt Schools
- Private Schools
- State Highway
- Railway
- Hospital
- Local Government



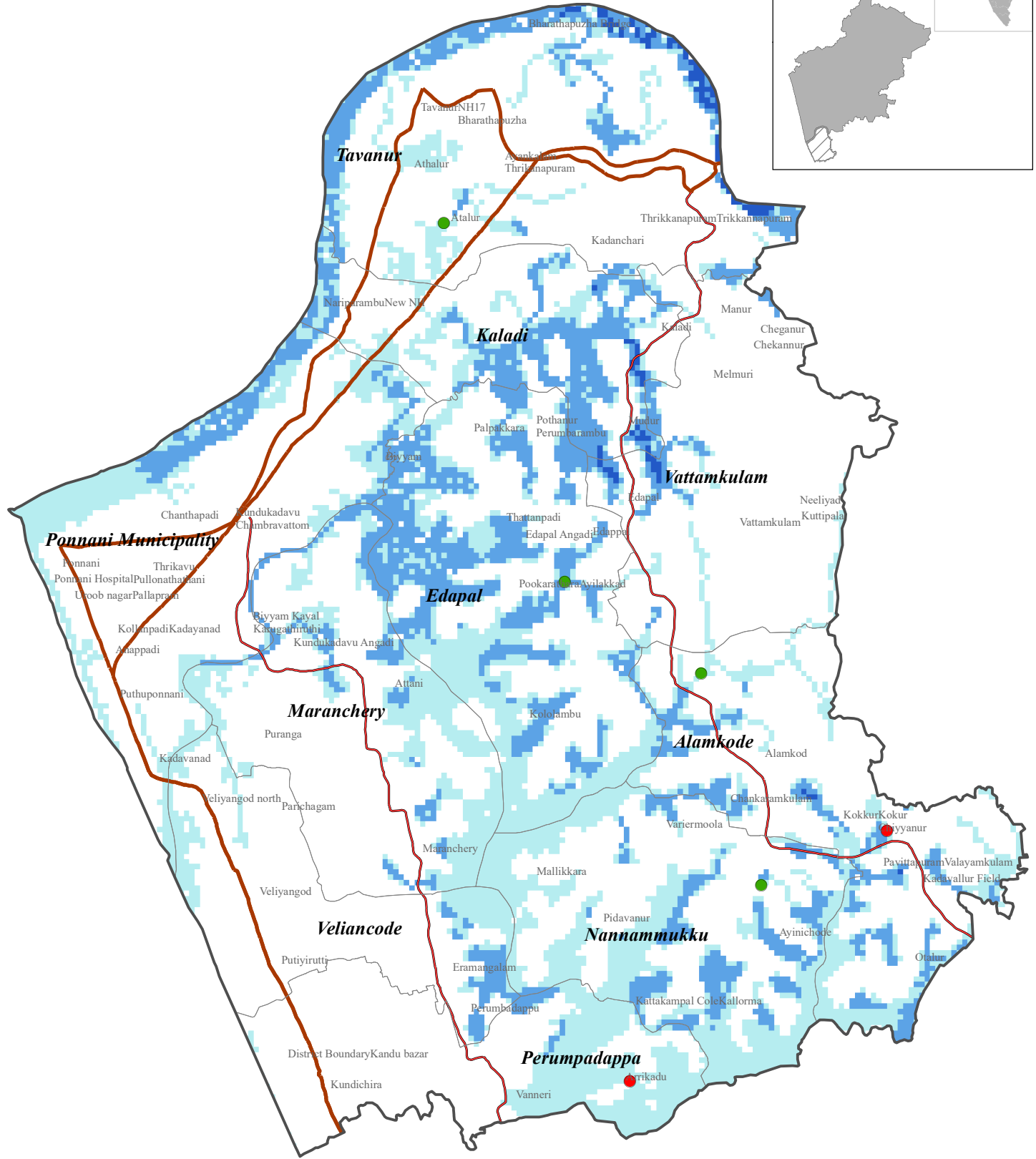
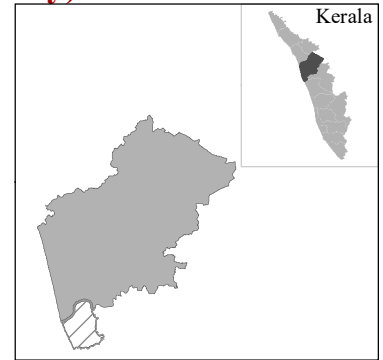
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Kerala State Disaster Management Authority
Thiruvananthapuram

External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

PONNANI TALUK (MALAPPURAM DISTRICT)

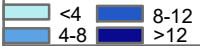
Flood Inundation (1 in 100 Year Return Probability)

N



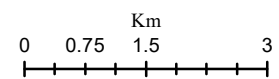
10°40'0"N

Flood Water Level (m)



Legend

- Taluk Boundary
- National Highway
- Govt Schools
- Private Schools
- State Highway
- Railway
- Hospital
- Local Government



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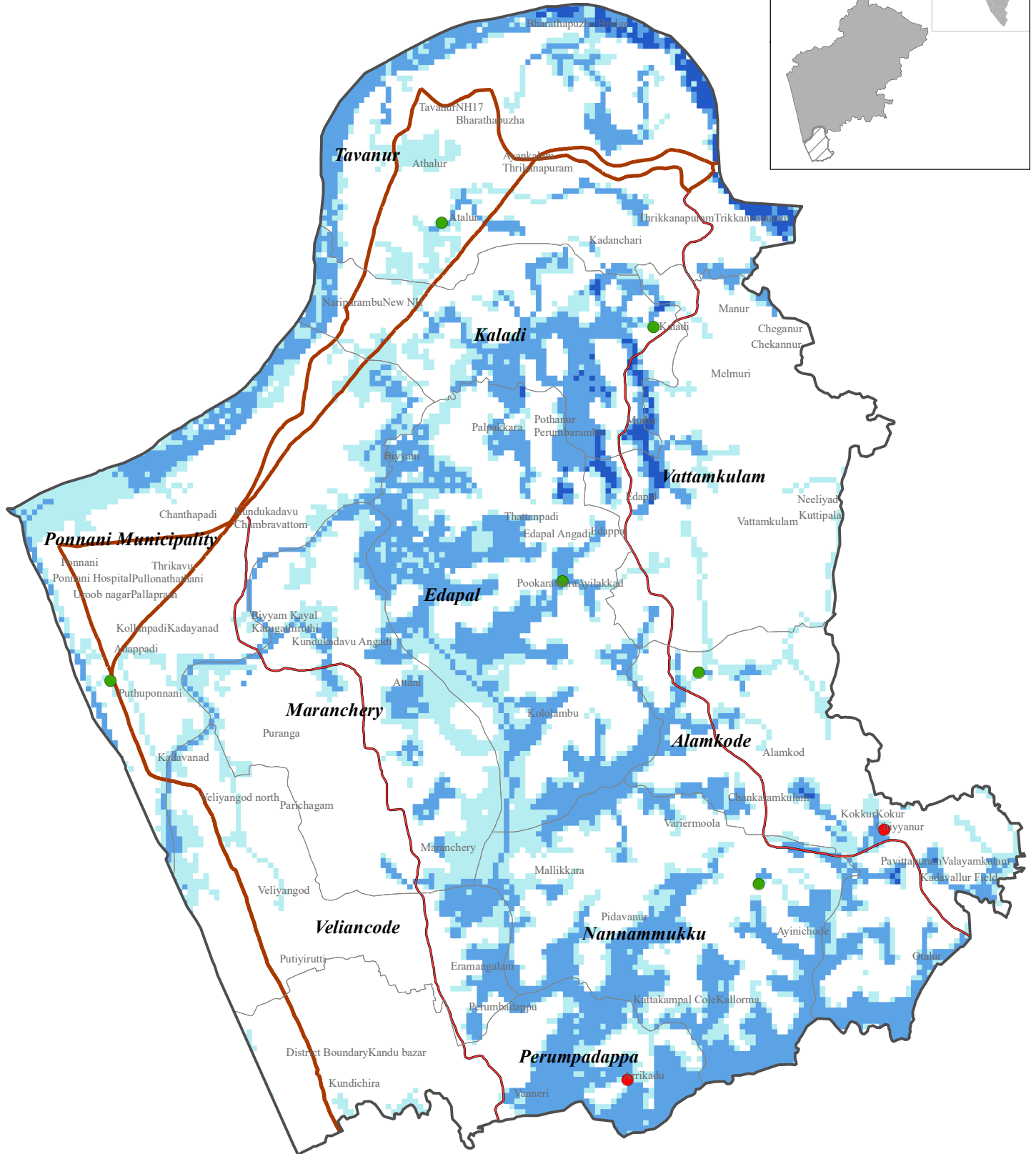
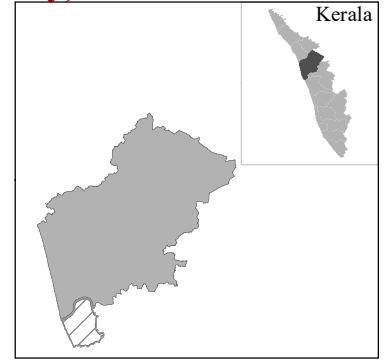
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

10°40'0"N

PONNANI TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)

N

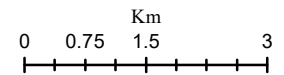


Flood Water Level (m)



Legend

- Taluk Boundary
- National Highway
- Govt Schools
- Private Schools
- State Highway
- Railway
- Hospital
- Local Government



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Kerala State Disaster Management Authority
Thiruvananthapuram

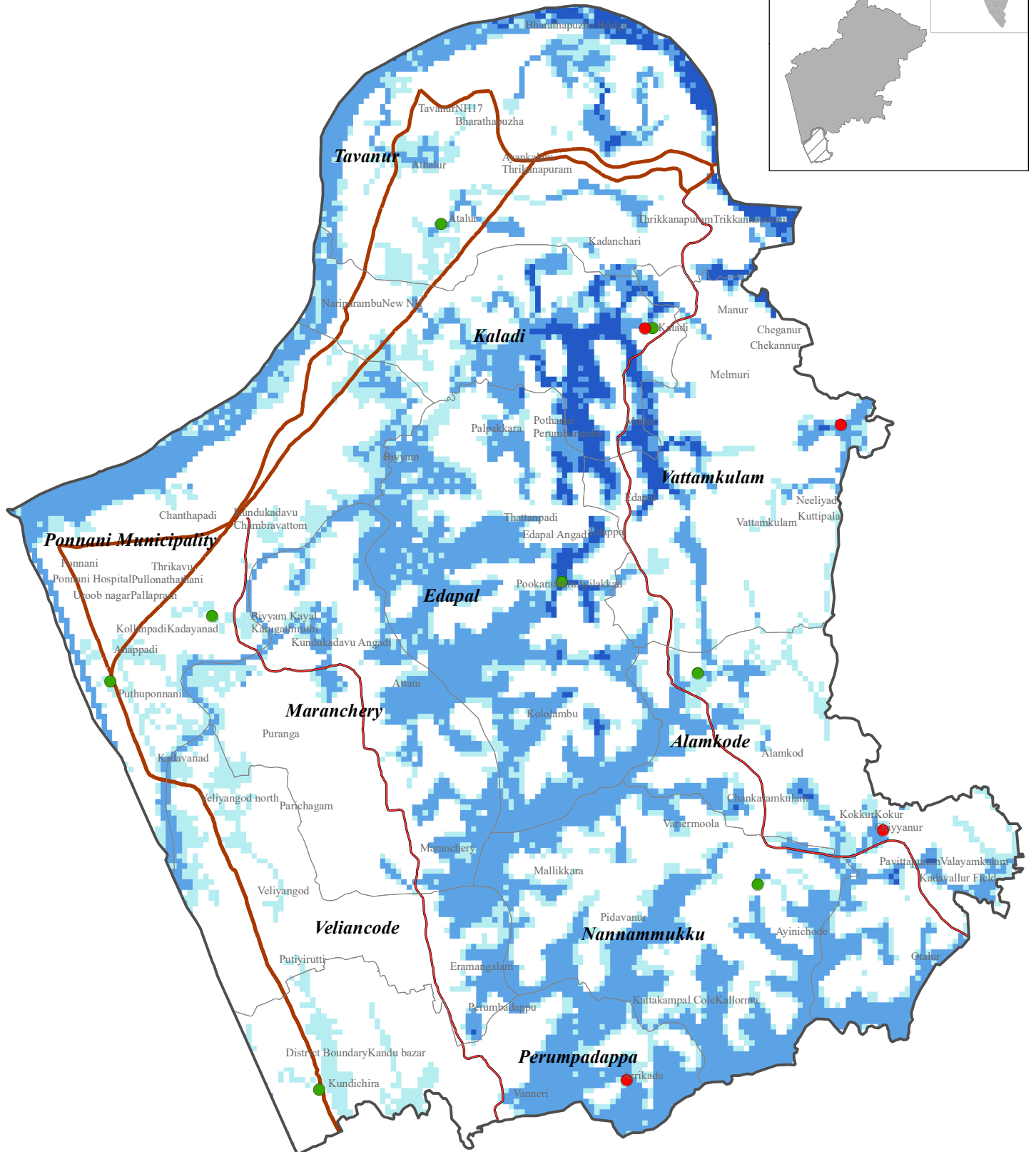
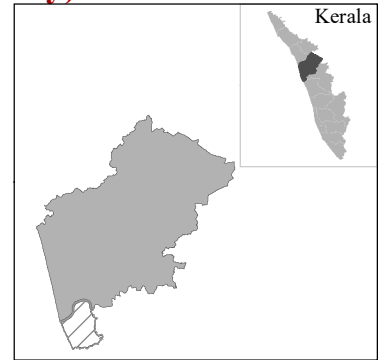
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°00"E

PONNANI TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)

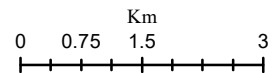
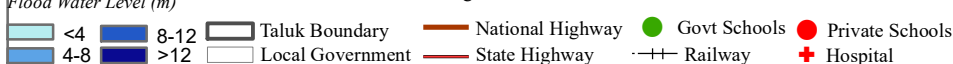
N



Flood Water Level (m)



Legend



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Kerala State Disaster Management Authority
Thiruvananthapuram

External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

10°40'0"N

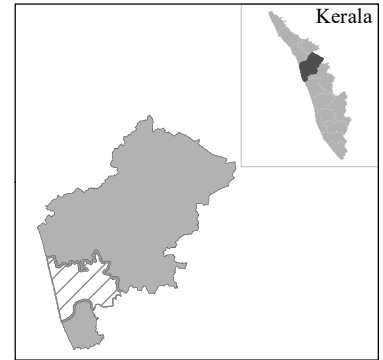
10°40'0"N

76°00"E

List of affected Schools/ Hospitals (LSG Wise)

MALAPPURAM DISTRICT						
PONNANI TALUK						
Name of affected Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Alamkode						
School						
G.L.P.S Chiyapur	✓	✓	✓	✓	✓	✓
Technical H S S, Vattamkulam, Malappuram	✓	✓	✓	✓	✓	✓
Edapal						
School						
D. H. O. H. S. S. Pookkarathara				✓	✓	✓
Kaladi						
School						
G. L. P. S. Kaladi					✓	✓
G.L.P.S Kaladi						✓
Nannammukku						
School						
G. M. L. P. S. Pallikara	✓	✓	✓	✓	✓	✓
Perumpadappa						
School						
A. M. L. P. S. Palapetty South						✓
G.F.U.P.S Palapetty	✓	✓	✓	✓	✓	✓
Ponnani Municipality						
School						
A. L. P. S. Ezhuvathiruthi					✓	✓
A. M. L. P. S. Karukathuruthi						✓
Tavanur						
School						
G. L. P. S. B. P. Angadi	✓	✓	✓	✓	✓	✓
Vattamkulam						
School						
G.J.B.S Vattamkulam						✓

TIRUR TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 10 Year Return Probability)

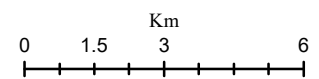


11°0'0"N

11°0'0"N

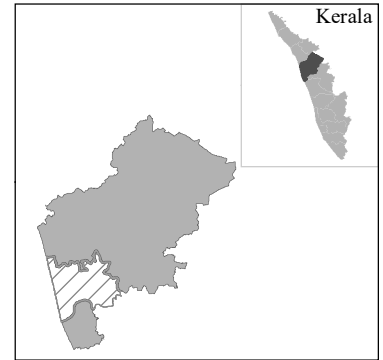


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Railway
			Govt Schools
			Private Schools
			Hospital



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 Kerala State Disaster Management Authority
 Thiruvananthapuram
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 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRUR TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 25 Year Return Probability)

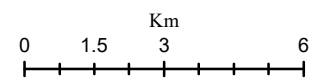


11°0'0"N

11°0'0"N

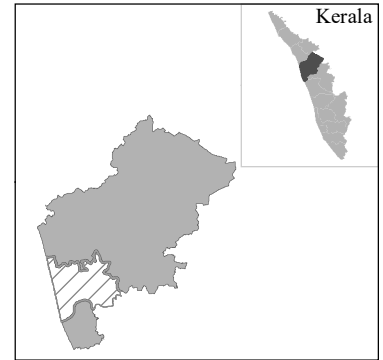


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Govt Schools
			Private Schools
			Hospital
			Railway



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 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRUR TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 50 Year Return Probability)

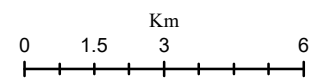


11°0'0"N

11°0'0"N

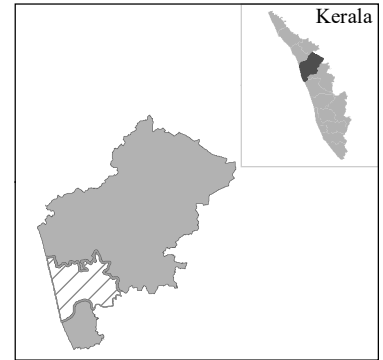


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Govt Schools
			Private Schools
			Hospital
			Railway



RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRUR TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 100 Year Return Probability)

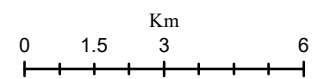


11°0'0"N

11°0'0"N

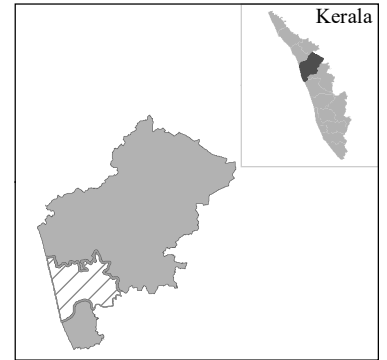


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Govt Schools
			Private Schools
			Hospital
			Railway



RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRUR TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 200 Year Return Probability)

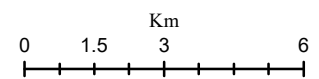


11°0'0"N

11°0'0"N

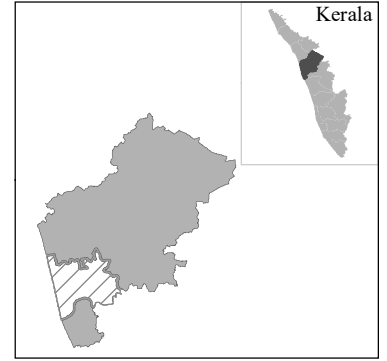


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Railway
	Local Government		Govt Schools
			Private Schools
			Hospital



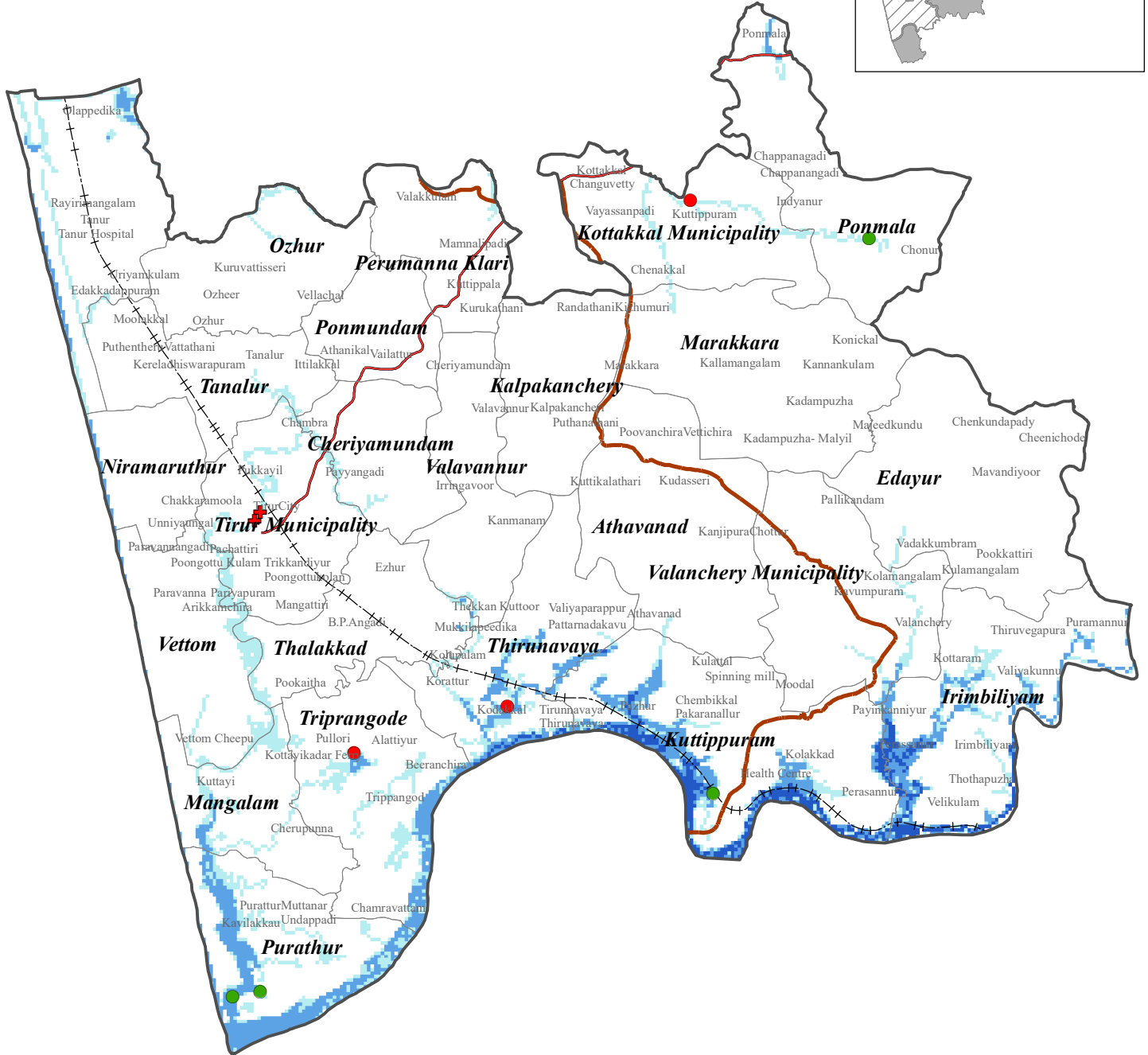
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRUR TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 500 Year Return Probability)

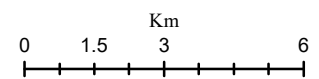


11°00'N

11°00'N



Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Govt Schools
			Private Schools
			Hospital
			Railway



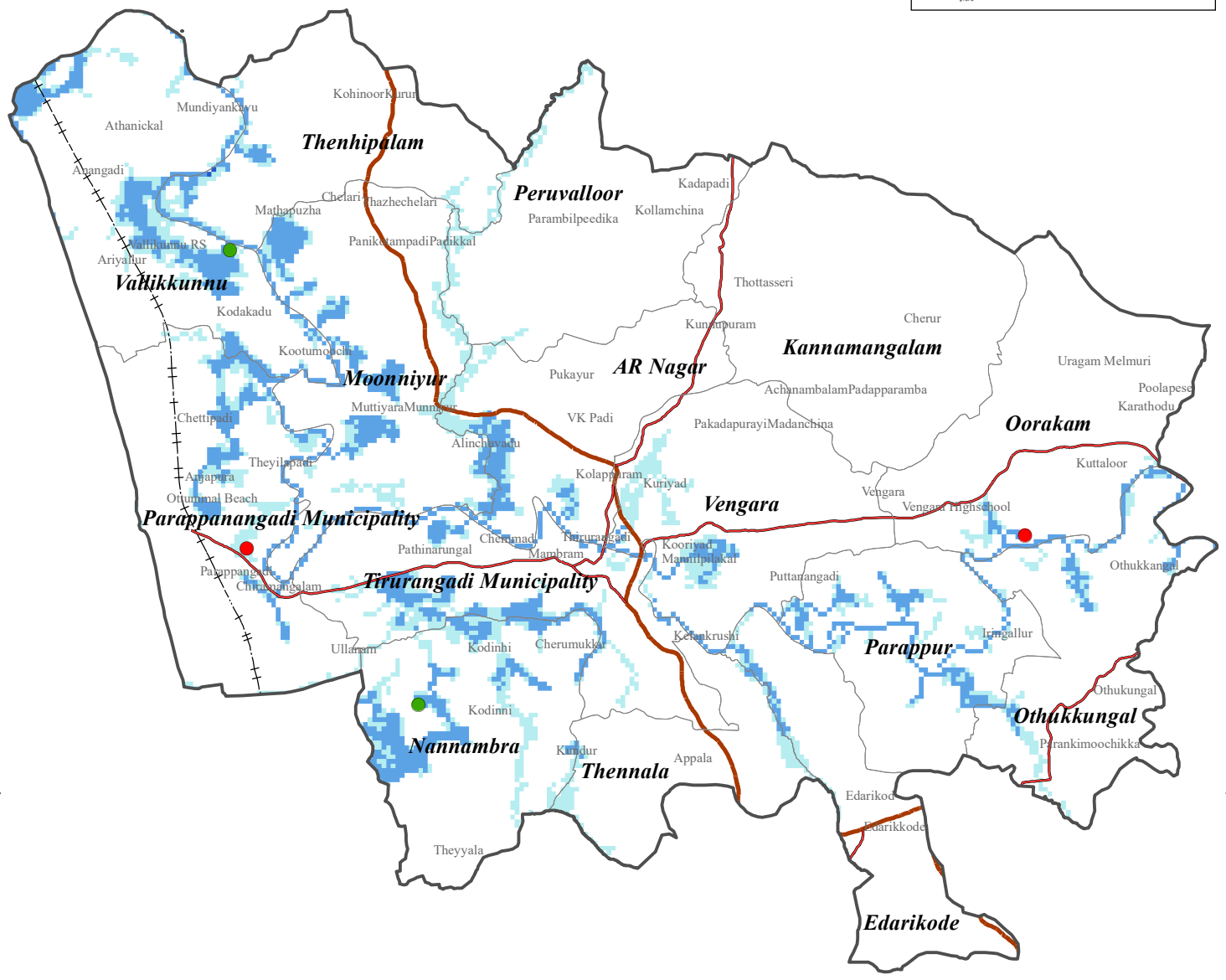
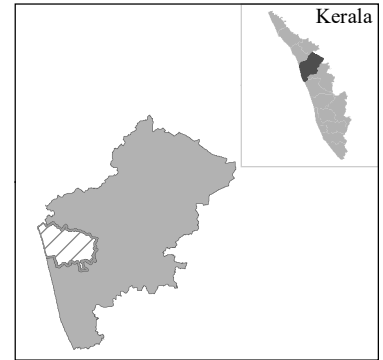
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

List of affected Schools/ Hospitals (LSG Wise)

MALAPPURAM DISTRICT						
TIRUR TALUK						
Name of affected Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Kottakkal Municipality						
School						
G.U.P.S Kottakkal	✓	✓	✓	✓	✓	✓
Kuttippuram						
School						
K. S. M. M.A.L. P. S. Kazhuthallur					✓	✓
Ponmala						
School						
G.U.P.S. Ponmala						✓
Purathur						
School						
A. H. M. L. P. S. Vettam	✓	✓	✓	✓	✓	✓
G. W. L. P. S. Purathur					✓	✓
Thirunavaya						
School						
G.L.P.S Valiyaparappur						✓
Tirur Municipality						
Hospital						
Co Operative Hospital		✓	✓	✓	✓	✓
Co-Operative Hospital Tirur		✓	✓	✓	✓	✓
Tirur(M)						
Hospital						
Co Operative Hospital	✓	✓	✓	✓	✓	✓
Co-Operative Hospital Tirur	✓	✓	✓	✓	✓	✓
Triprangode						
School						
Timl.P.S Alathiyur			✓	✓	✓	✓

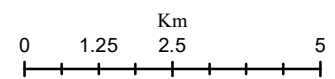
TIRURANGADI TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



11°0'0"N

11°0'0"N

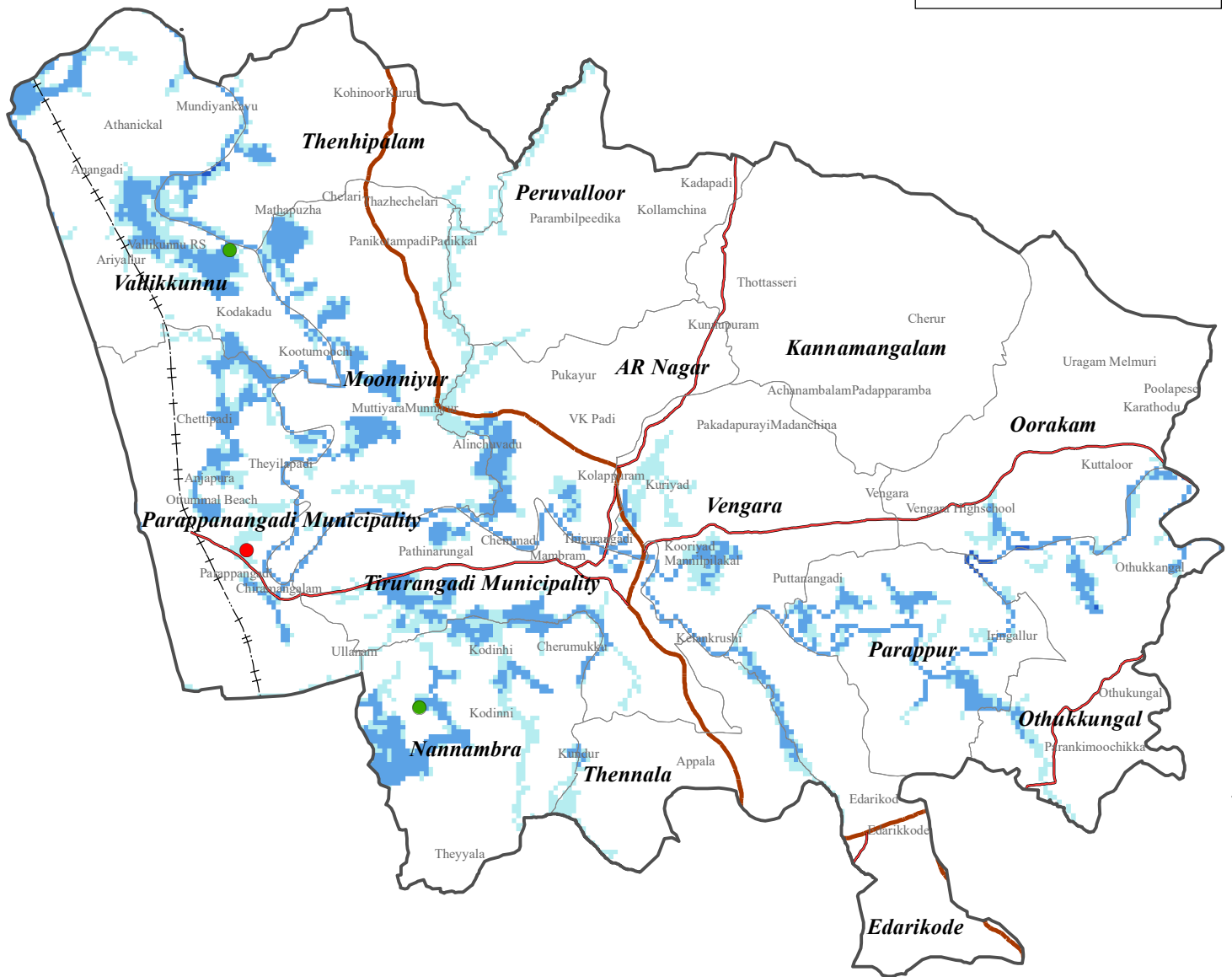
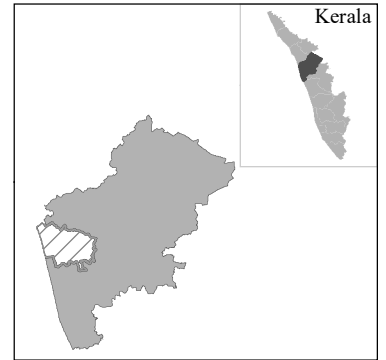


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Railway
			Govt Schools
			Private Schools
			Hospital

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 Kerala State Disaster Management Authority
 Thiruvananthapuram
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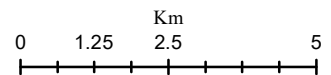
TIRURANGADI TALUK (MALAPPURAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



11°0'0"N

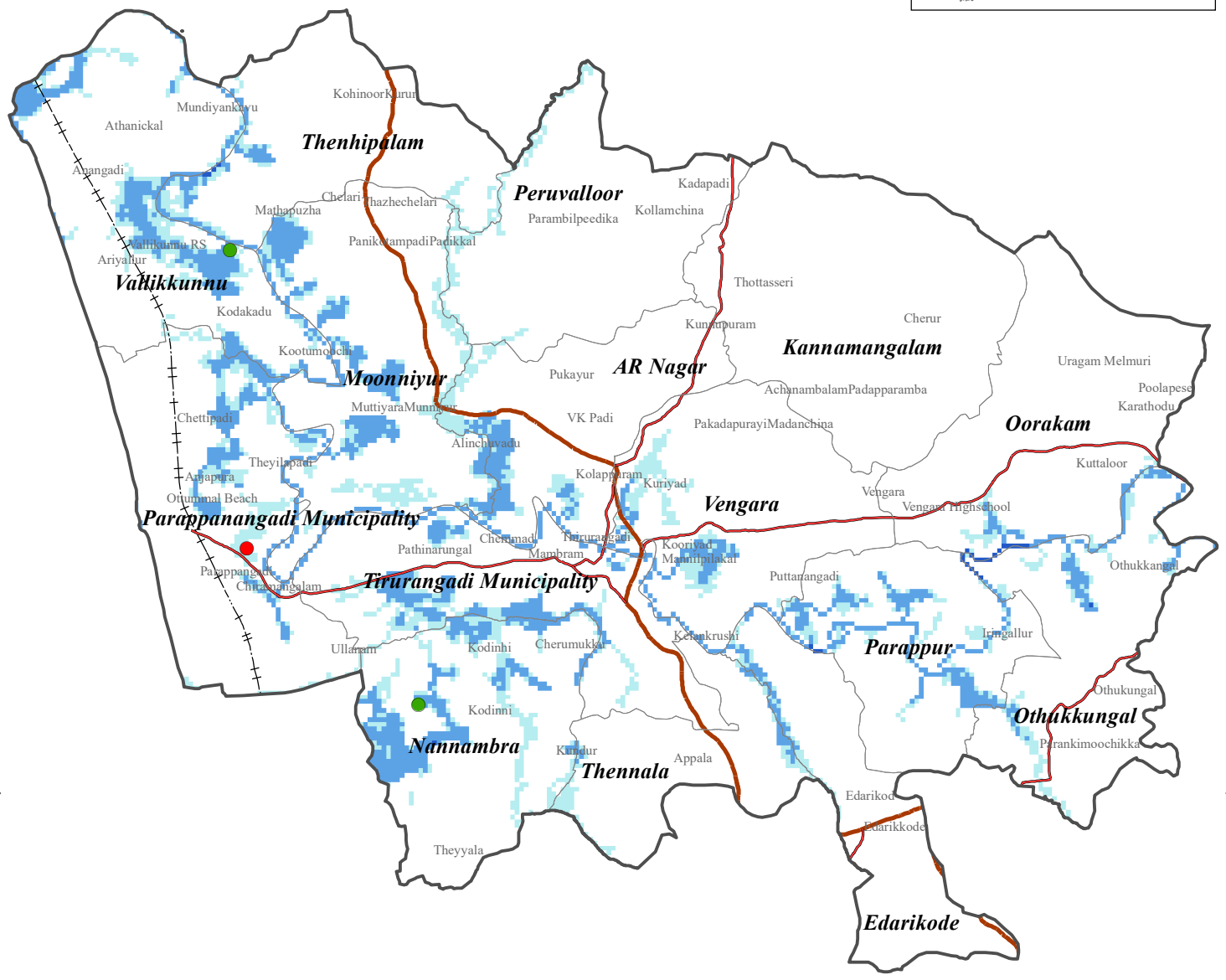
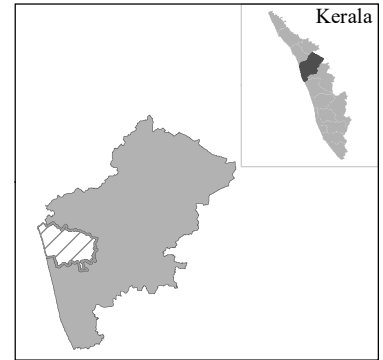
11°0'0"N



Flood Water Level (m)		Legend			
	<4		Taluk Boundary		Govt Schools
	4-8		Local Government		Private Schools
	8-12		National Highway		Hospital
	>12		State Highway		Railway

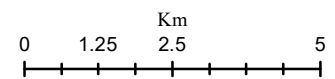
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
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TIRURANGADI TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 100 Year Return Probability)



11°0'0"N

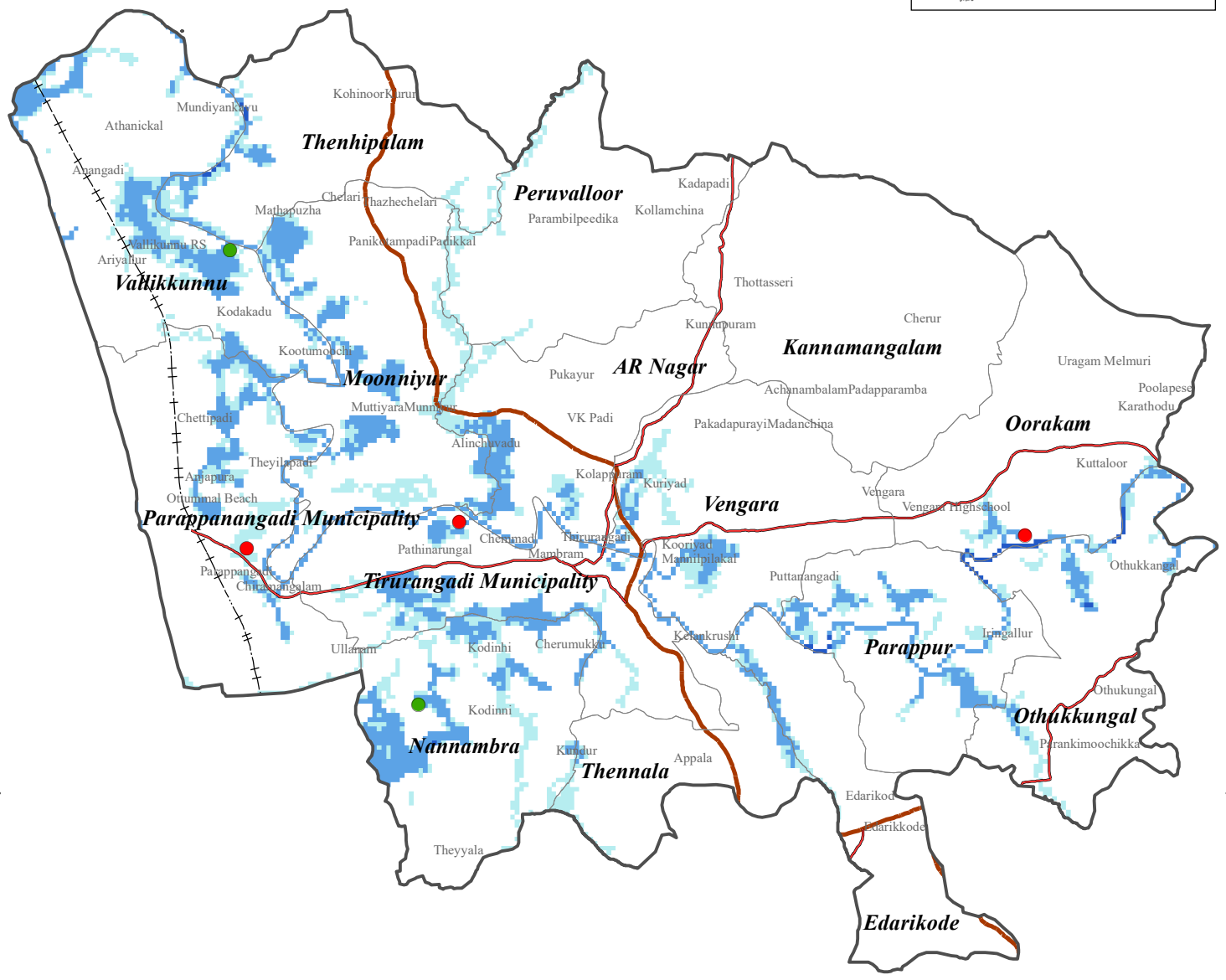
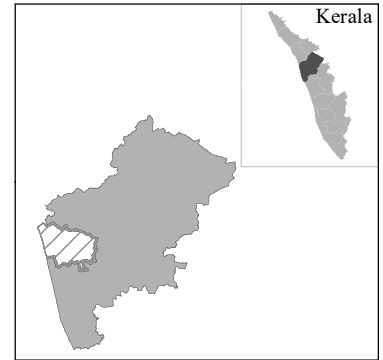
11°0'0"N



Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
	Local Government		Private Schools
	Railway		Hospital

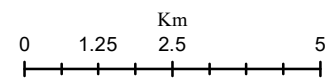
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 Kerala State Disaster Management Authority
 Thiruvananthapuram
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TIRURANGADI TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 200 Year Return Probability)



11°0'0"N

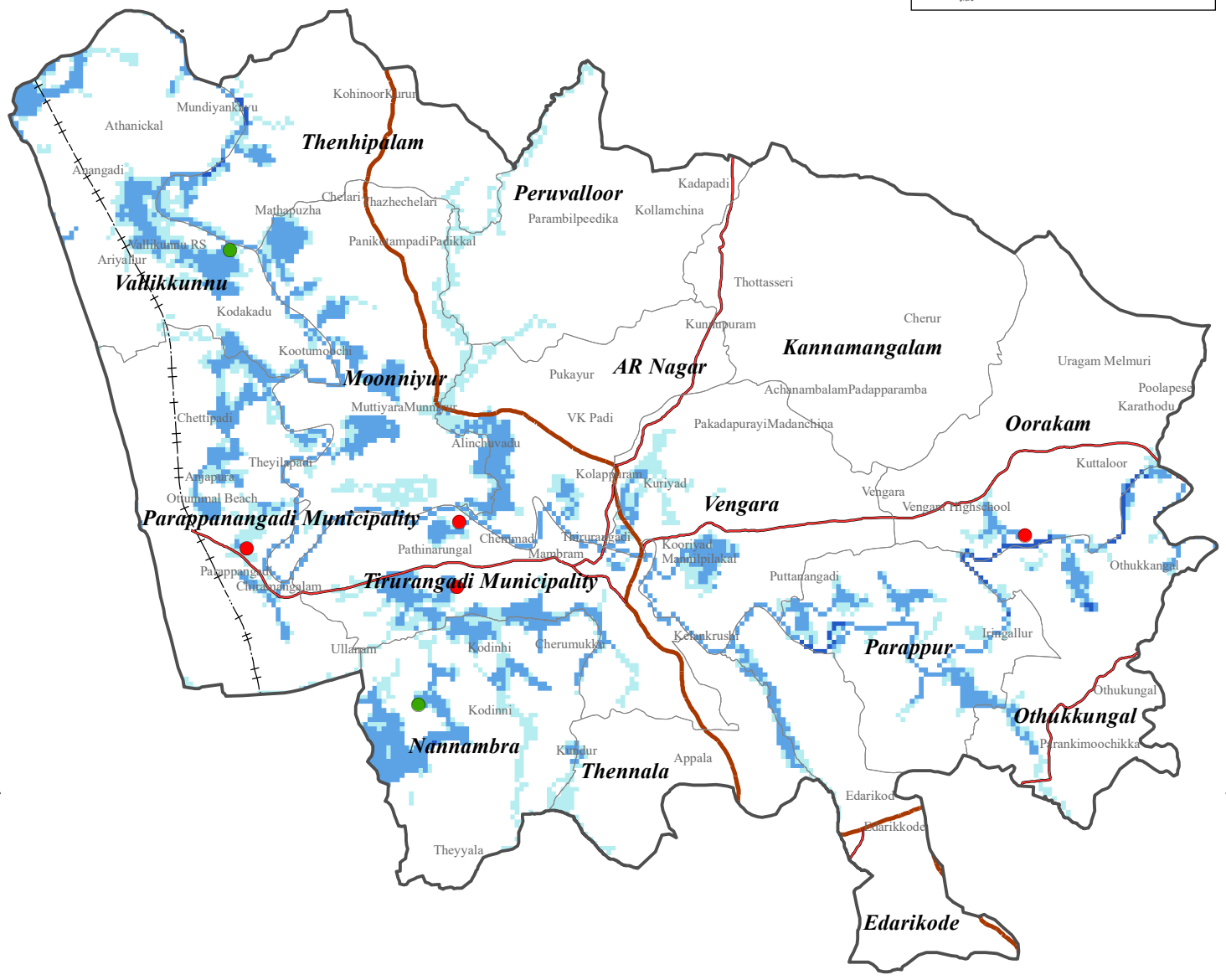
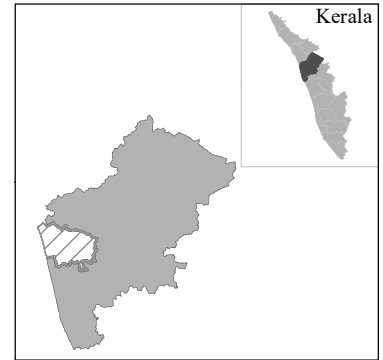
11°0'0"N



Flood Water Level (m)		Legend			
	<4		Taluk Boundary		Govt Schools
	4-8		Local Government		Private Schools
	8-12		National Highway		Hospital
	>12		State Highway		Railway

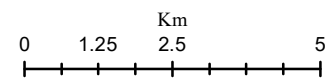
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
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 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRURANGADI TALUK (MALAPPURAM DISTRICT) Flood Inundation (1 in 500 Year Return Probability)



11°0'0"N

11°0'0"N



Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Local Government
			Govt Schools
			Private Schools
			Railway
			Hospital

RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

List of affected Schools/ Hospitals (LSG Wise)

MALAPPURAM DISTRICT						
TIRURANGADI TALUK						
Name of affected Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Nannambra						
School						
G. M. L. P. S. Thiruthy	✓	✓	✓	✓	✓	✓
Oorakam						
School						
G.L.P.S O.K. Muri		✓			✓	✓
Parappanangadi Municipality						
School						
G.L.P.S Parappanangadi	✓	✓	✓	✓	✓	✓
Tirurangadi Municipality						
School						
G.L.P.S Tirurangadi					✓	2
Vallikkunnu						
School						
A. L. P. S. Ariyallur East	✓	✓	✓	✓	✓	✓

