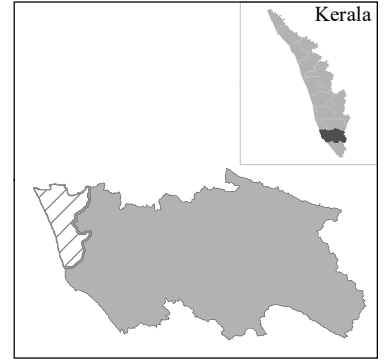


KARUNAGAPALLY TALUK (KOLLAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



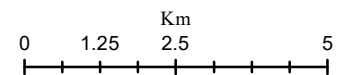
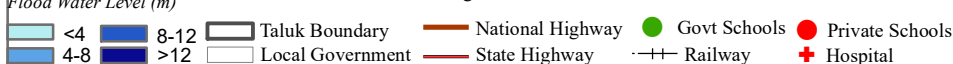
N.00'6"

N.00'6"

Flood Water Level (m)



Legend

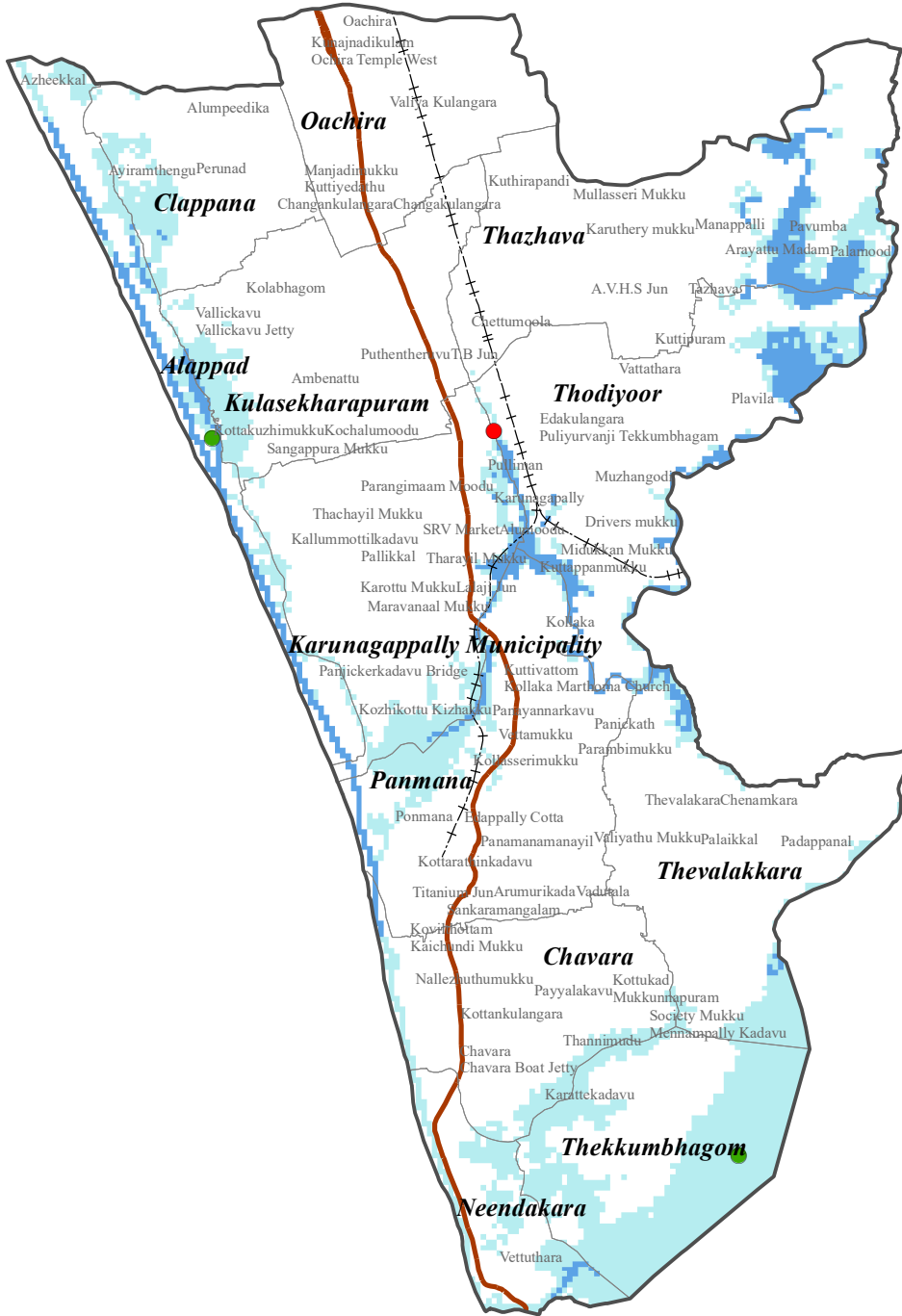
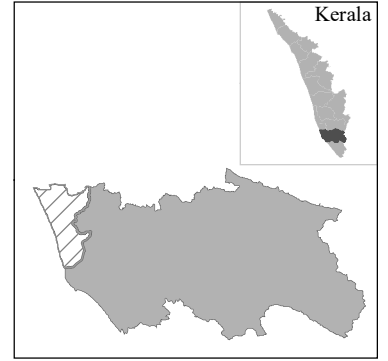


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Kerala State Disaster Management Authority
Thiruvananthapuram

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

KARUNAGAPALLY TALUK (KOLLAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



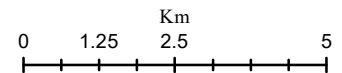
N.00'6

N.00'6

Flood Water Level (m)



Legend

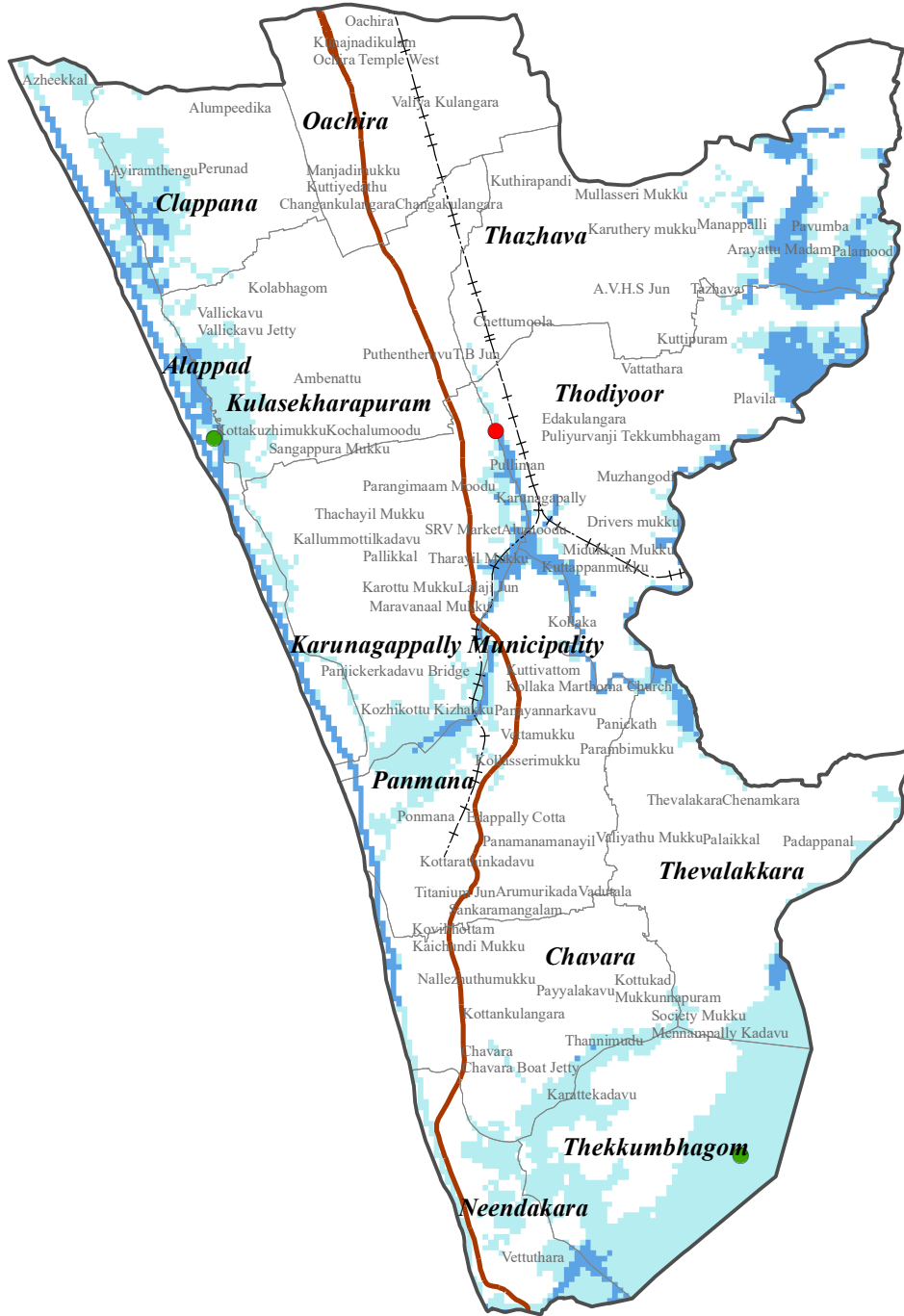
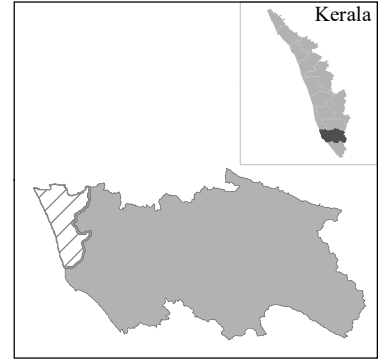


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External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

KARUNAGAPALLY TALUK (KOLLAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



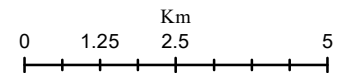
N.00'6"

N.00'6"

Flood Water Level (m)



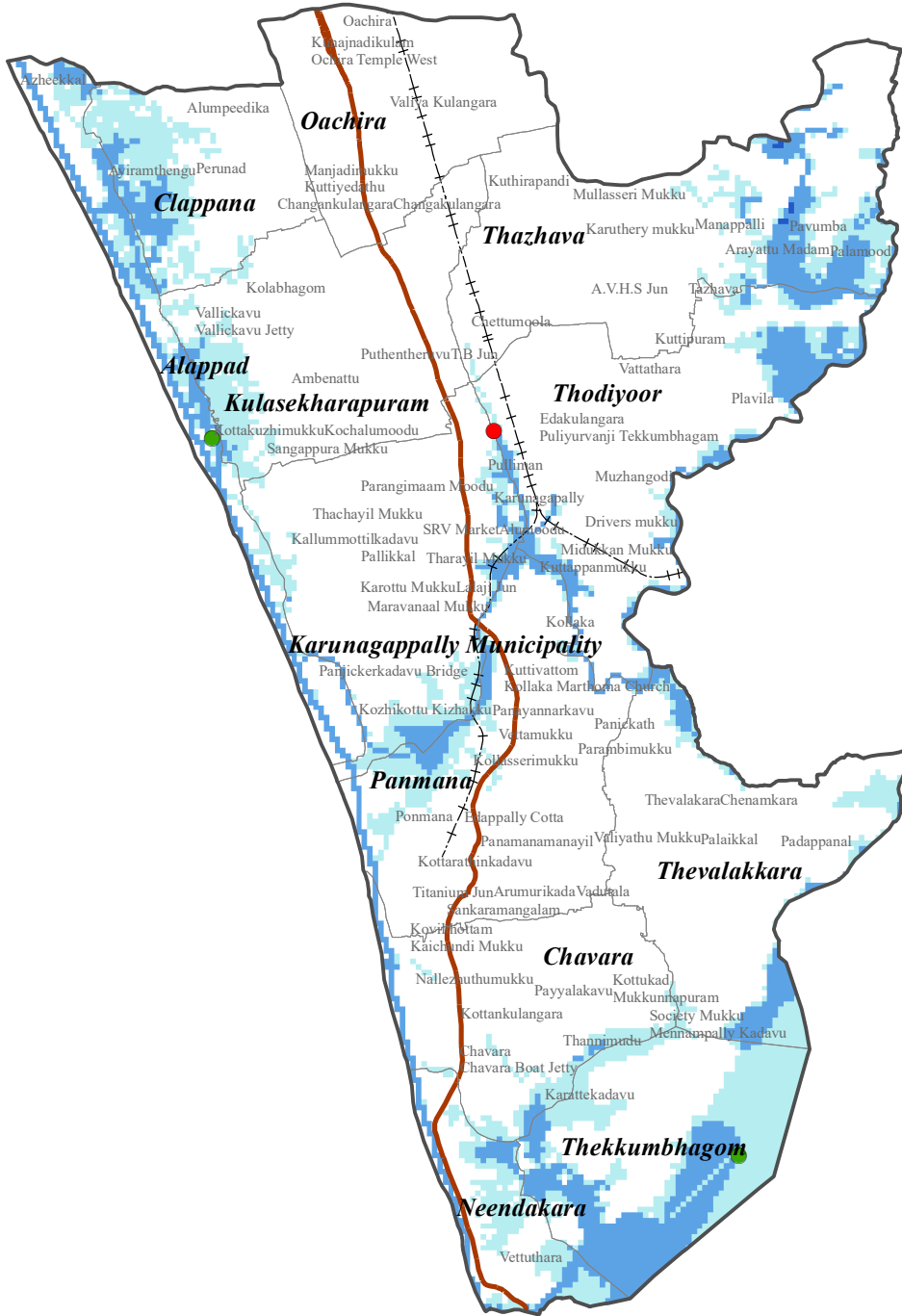
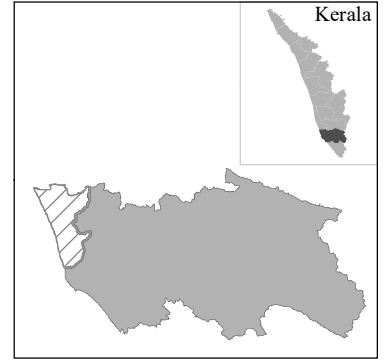
Legend



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

KARUNAGAPALLY TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 100 Year Return Probability)



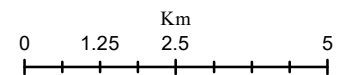
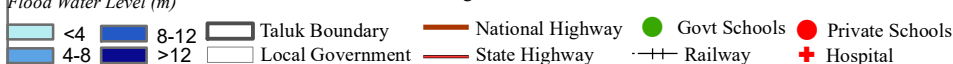
N.00'6"

N.00'6"

Flood Water Level (m)



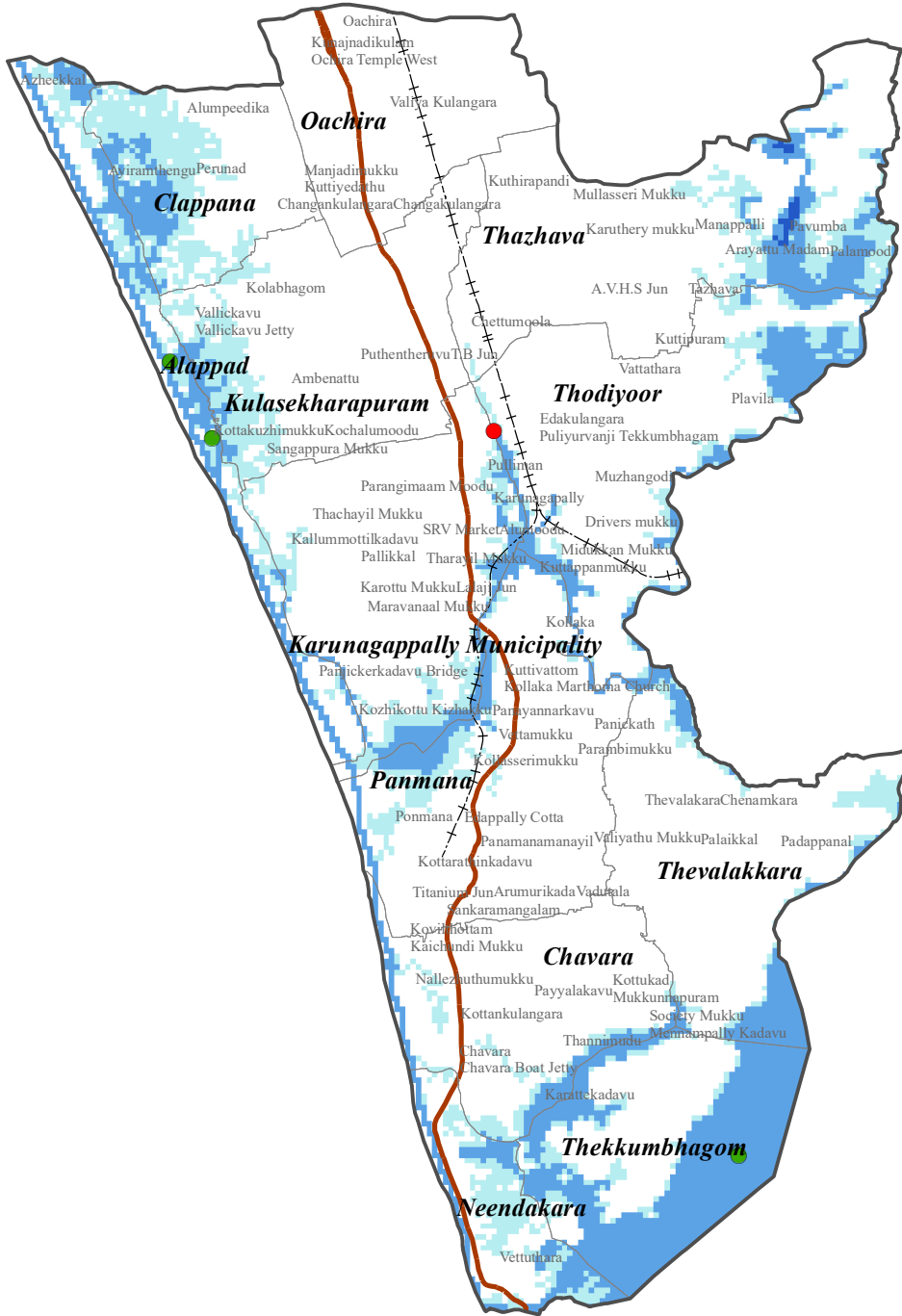
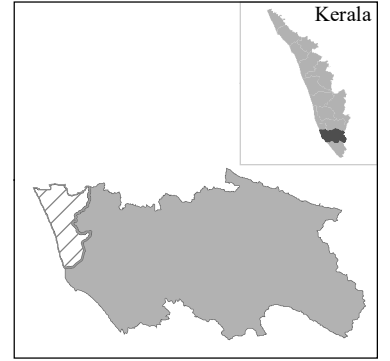
Legend



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Thiruvananthapuram

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

KARUNAGAPALLY TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 200 Year Return Probability)



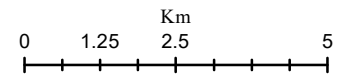
N.00'6

N.00'6

Flood Water Level (m)



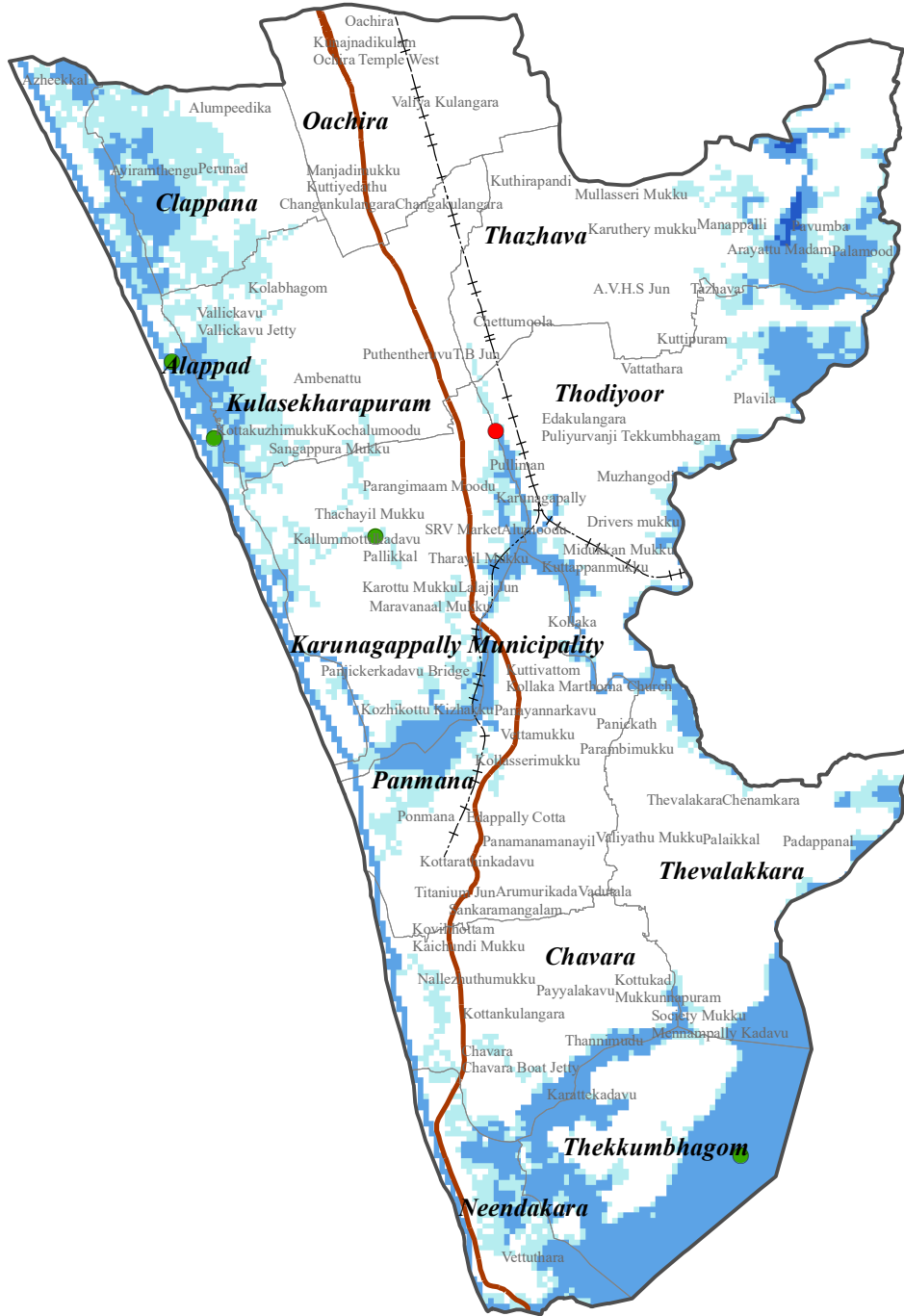
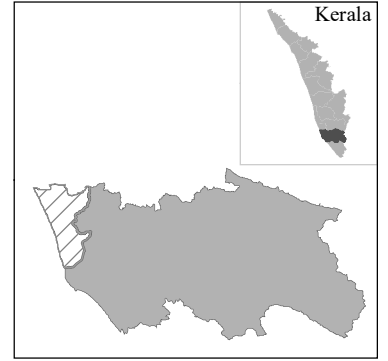
Legend



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Thiruvananthapuram

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

KARUNAGAPALLY TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 500 Year Return Probability)



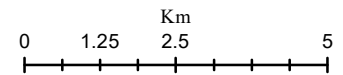
N.00'6"

N.00'6"

Flood Water Level (m)



Legend



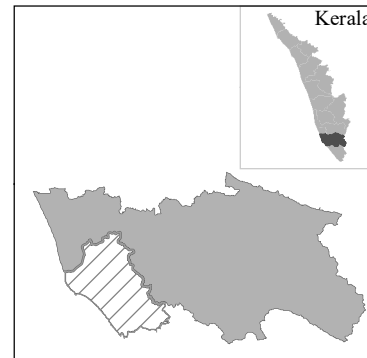
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Thiruvananthapuram

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

List of affected Schools/ Hospitals (LSG Wise)

KOLLAM DISTRICT						
KARUNAGAPALLY 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
Alappad						
School						
Alappadu G L P S	✓	✓	✓	✓	✓	✓
Kuzhithura Govt: F H S S					✓	✓
Karunagappally Municipality						
School						
Maruthoorkulangara G L P S						✓
Thekkumbhagom						
School						
Govt: H.S.S. ASHtamudy	✓	✓	✓	✓	✓	✓
Thodiyoor						
School						
G.L.P.S Thodiyoor	✓	✓	✓	✓	✓	✓

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

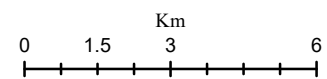


N.00'6"

N.00'6"

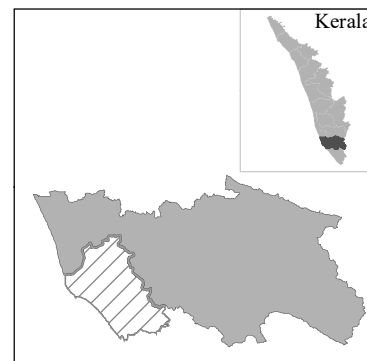


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
	Local Government		Private Schools
	Railway		Hospital



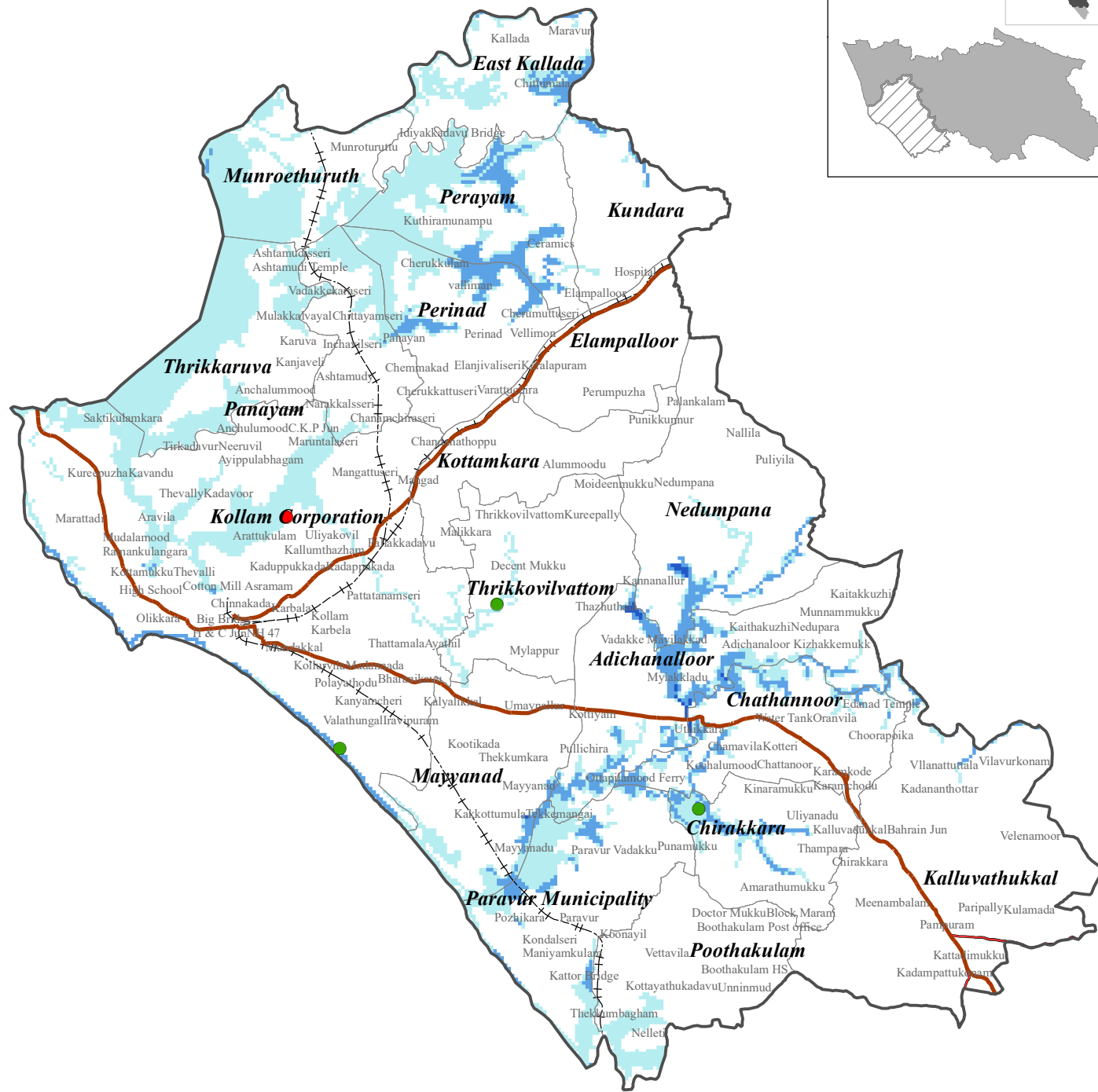
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

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

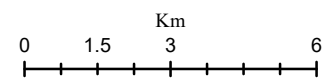


N.00'6"

N.00'6"

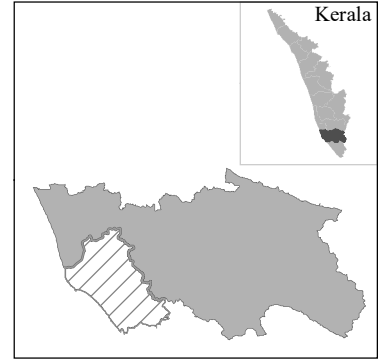


Flood Water Level (m)		Legend			
	<4		Taluk Boundary		Govt Schools
	4-8		Local Government		Private Schools
	8-12		National Highway		Hospital
	>12		State Highway		Railway



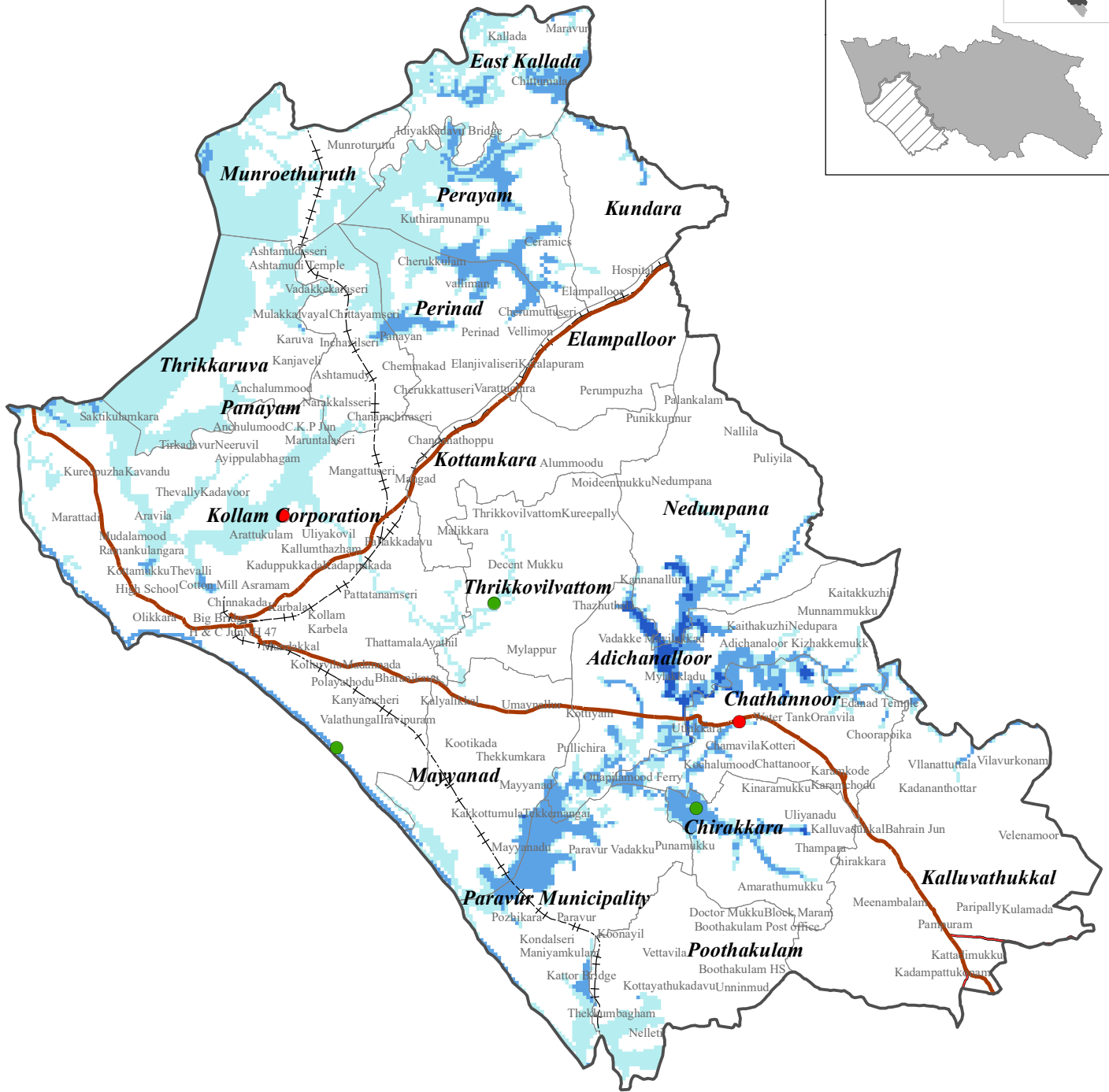
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 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

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

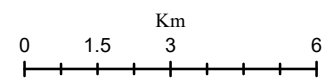


N.00'6"

N.00'6"

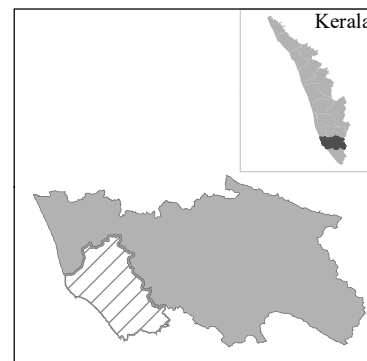


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
	Local Government		Private Schools
	Railway		Hospital



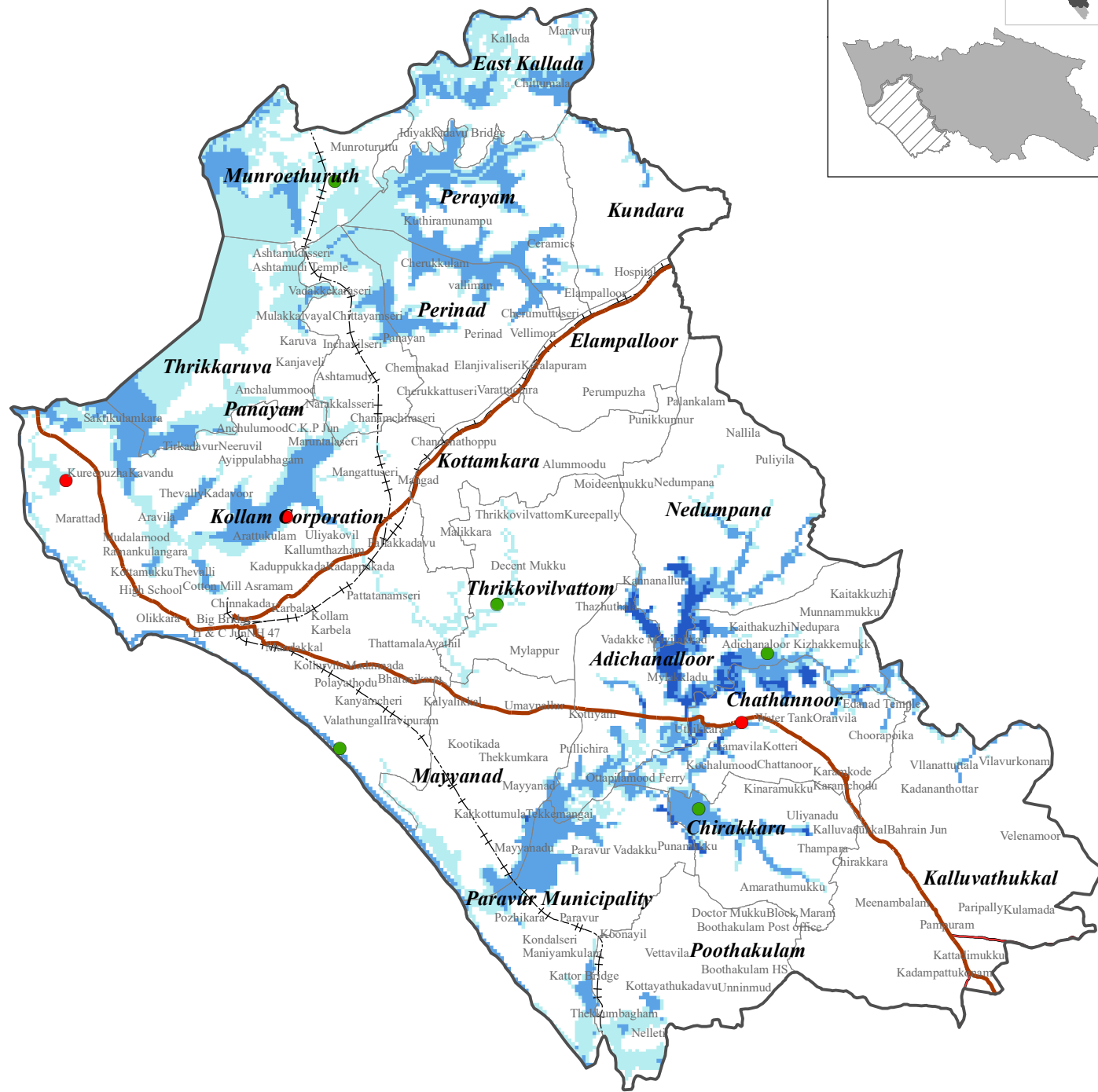
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 Kerala State Disaster Management Authority
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 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

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

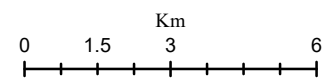


N.00'6"

N.00'6"

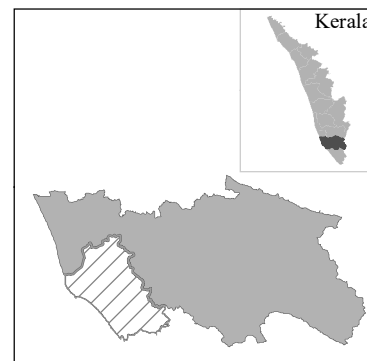


Flood Water Level (m)		Legend	
	<4		Railway
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
	Taluk Boundary		Private Schools
	Local Government		Hospital



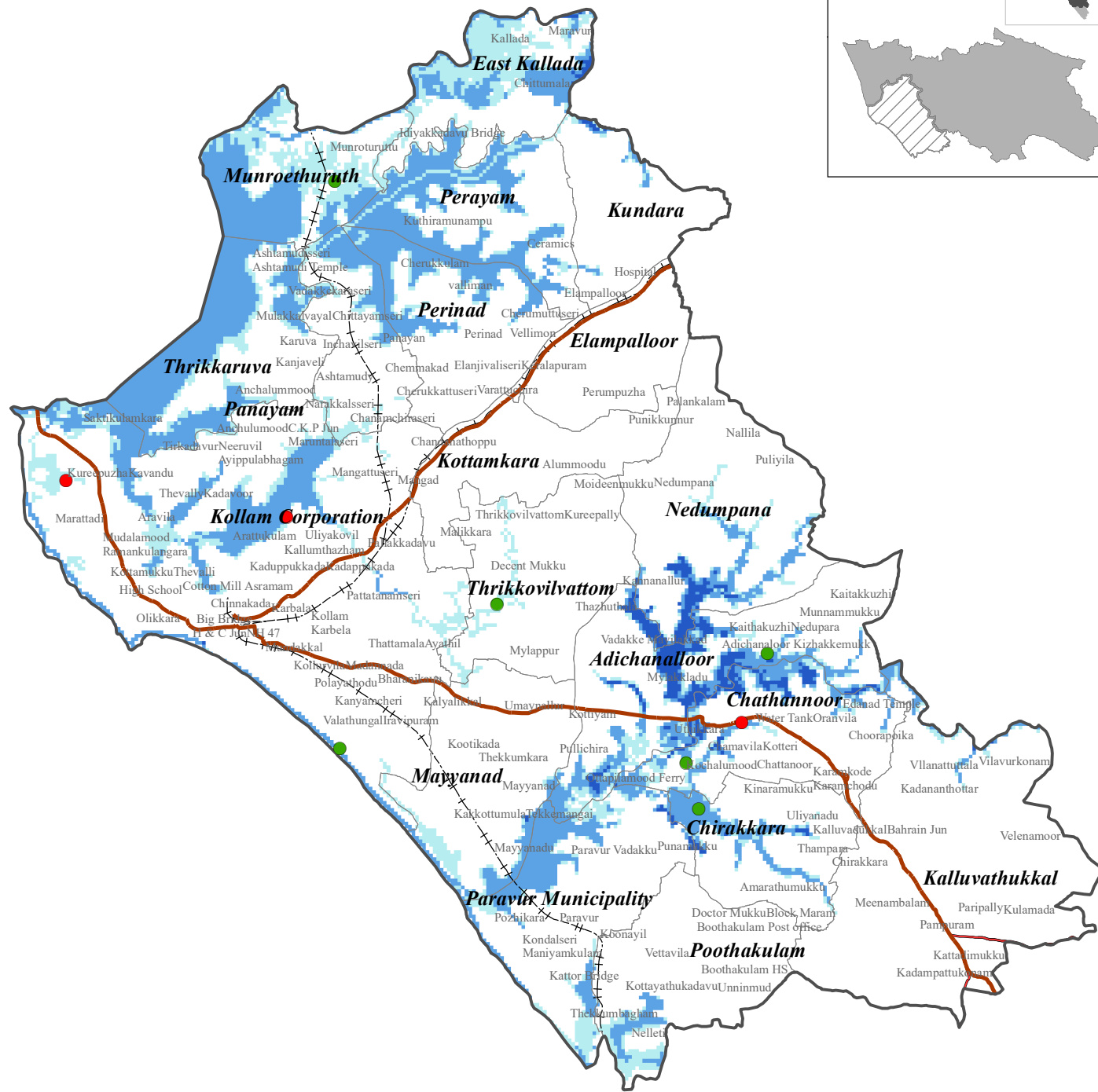
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

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

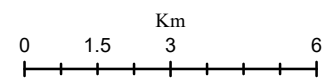


N.00'6"

N.00'6"

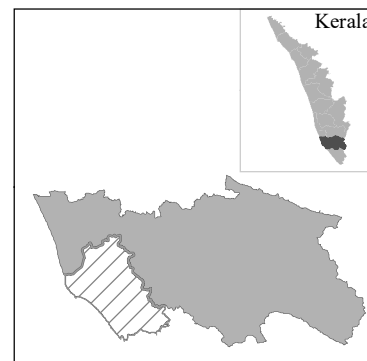


Flood Water Level (m)		Legend	
	<4		Railway
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
	Taluk Boundary		Private Schools
	Local Government		Hospital



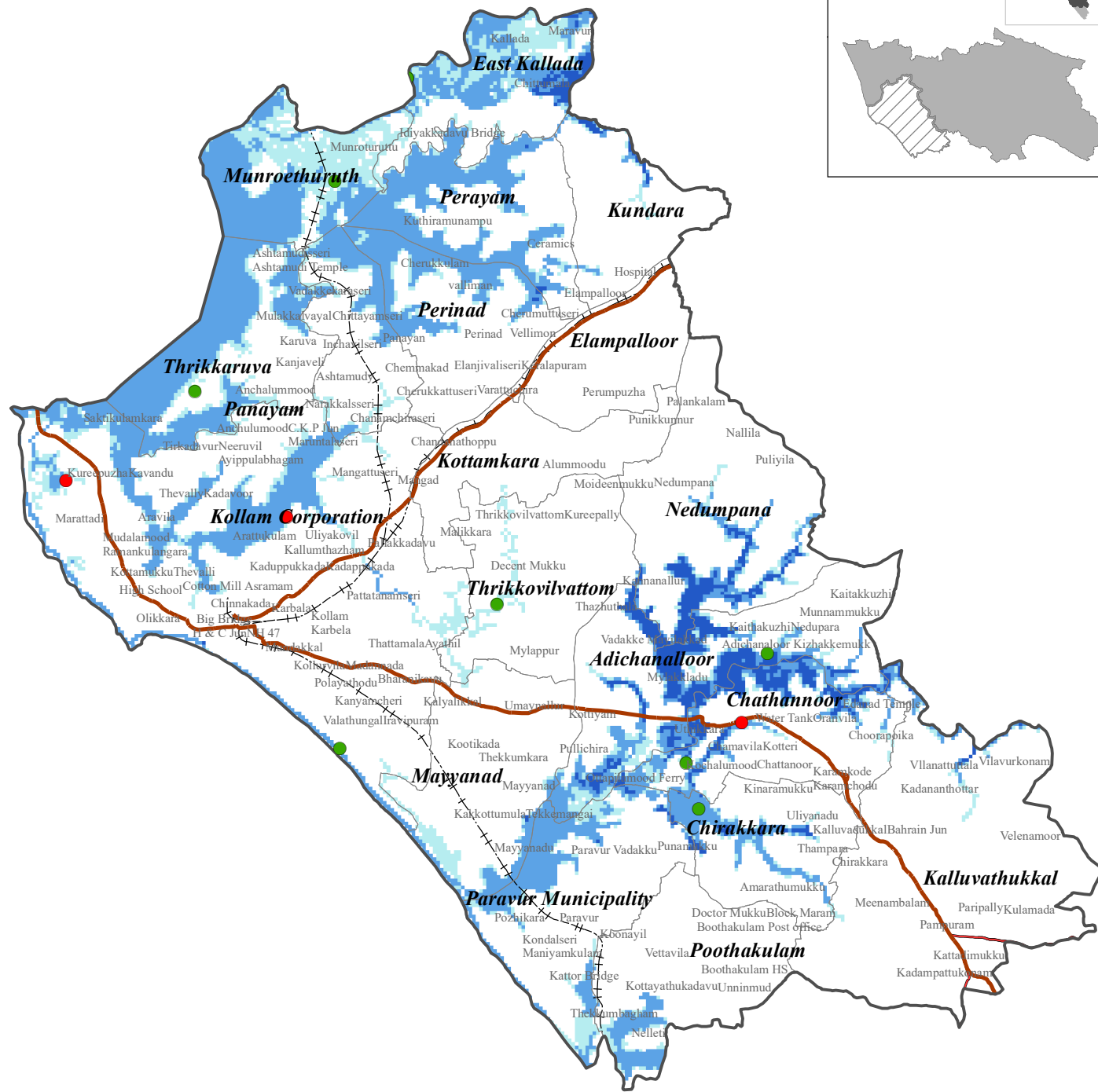
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

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

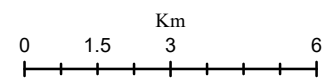


N.00'6"

N.00'6"



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



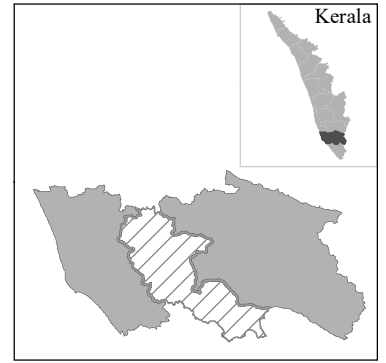
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

List of affected Schools/ Hospitals (LSG Wise)

KOLLAM DISTRICT						
KOLLAM 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
Adichanalloor						
School						
G.L.P.S Kaithakkuzhy				✓	✓	✓
Chathannoor						
School						
G.L.P.S Chathannoor			✓	✓	✓	✓
Meenadu L.P.S					✓	✓
Chirakkara						
School						
S.Y.Skt U.P.S.Polachira	✓	✓	✓	✓	✓	✓
Kollam Corporation						
School						
G.H.S S Koickal	✓	✓	✓	✓	✓	✓
G.H.S West Kollam				✓	✓	✓
G.L.P.S Eravipuram	✓	✓	✓	✓	✓	✓
Munroethuruth						
School						
G L P S Mundroe Island				✓	✓	✓
Thrikkaruva						
School						
Govt . L P S Prakkulam						✓
Thrikkovilvattom						
School						
G.V. P. L.P.S.Vettilathazham	✓	✓	✓	✓	✓	✓

KOTTARAKARA TALUK (KOLLAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



9°0'0"N

9°0'0"N

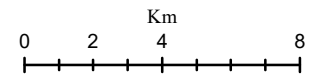
8°40'0"N

8°40'0"N

Flood Water Level (m)



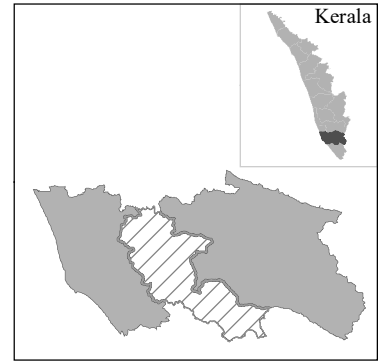
Legend



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Thiruvananthapuram

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

KOTTARAKARA TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 25 Year Return Probability)



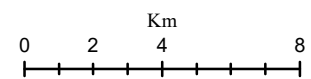
9°0'0"N

9°0'0"N

8°40'0"N

8°40'0"N

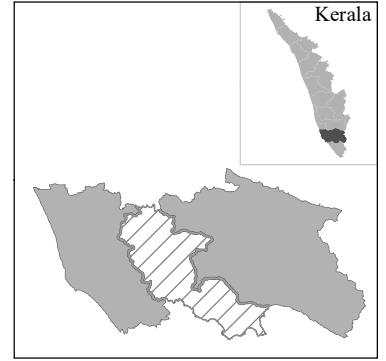
Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
	Local Government		Private Schools
	Railway		Hospital



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

KOTTARAKARA TALUK (KOLLAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



9°0'0"N

9°0'0"N

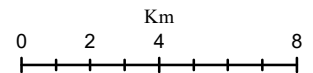
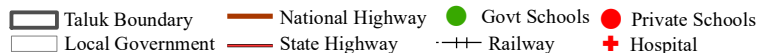
8°40'0"N

8°40'0"N

Flood Water Level (m)



Legend

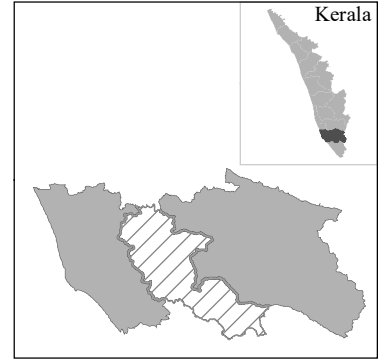


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Thiruvananthapuram

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

KOTTARAKARA TALUK (KOLLAM DISTRICT)

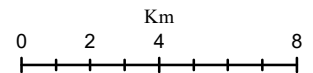
Flood Inundation (1 in 100 Year Return Probability)



Flood Water Level (m)



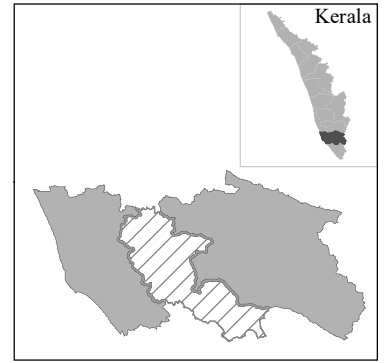
Legend



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Thiruvananthapuram

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

KOTTARAKARA TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 200 Year Return Probability)



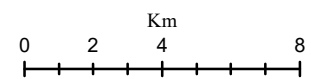
9°0'0"N

9°0'0"N

8°40'0"N

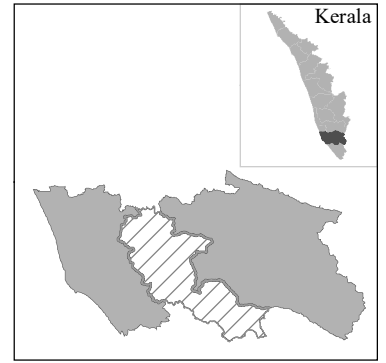
8°40'0"N

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

KOTTARAKARA TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 500 Year Return Probability)



9°0'0"N

9°0'0"N

8°40'0"N

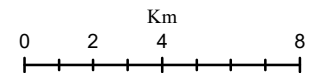
8°40'0"N

Flood Water Level (m)



Legend

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



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

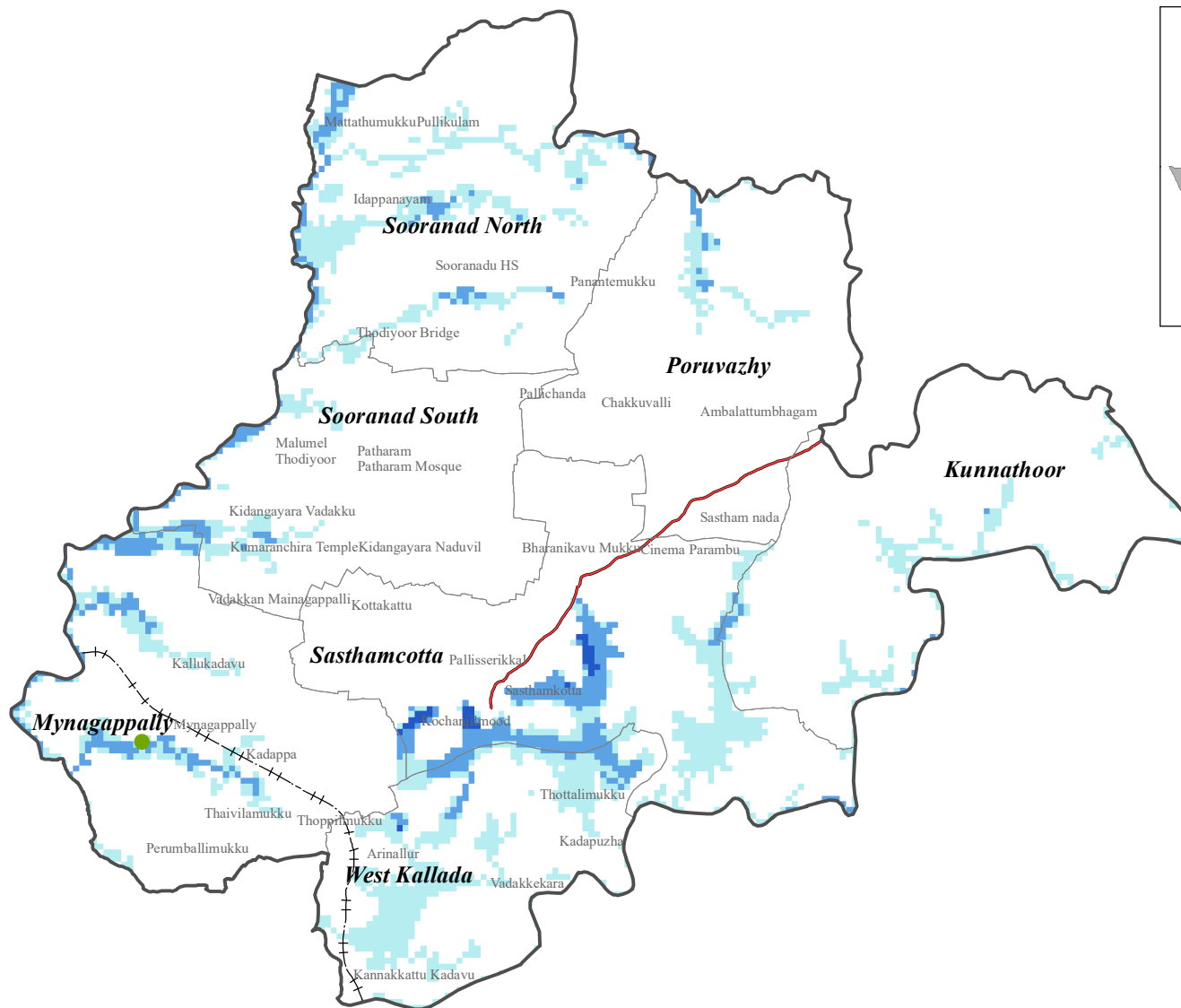
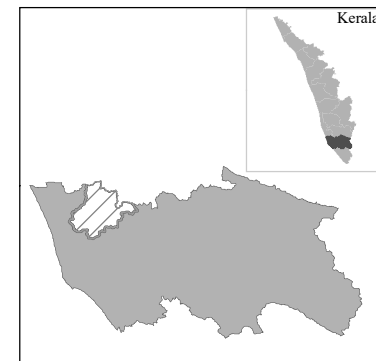
List of affected Schools/ Hospitals (LSG Wise)

KOLLAM DISTRICT						
KOTTARAKKARA 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
Pavithreswaram						
School						
Govt.L.P.S Karimpinpuzha						✓
Veliyam						
School						
L.M.S.L.P.S Odanavattoom	✓	✓	✓	✓	✓	✓

KOLLAM DISTRICT											
KOTTARAKARA 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	Chadayamangalam	1.51	5.33	1	Chadayamangalam	1.60	5.83	1	Chadayamangalam	1.73	6
2	Chithara	0.09	0.98	2	Chithara	0.09	1.08	2	Chithara	0.11	1.23
3	Elamadu	0.44	4.52	3	Elamadu	0.48	5.4	3	Elamadu	0.52	6
4	Ezhukone	0.06	3.47	4	Ezhukone	0.09	4.96	4	Ezhukone	0.14	5.98
5	Ittiva	2.24	4.21	5	Ittiva	2.31	5.1	5	Ittiva	2.40	5.5
6	Kareepra	0.60	4.88	6	Kareepra	0.63	5.64	6	Kareepra	0.68	6.02
7	Kottarakara Municipality	0.10	0.92	7	Kottarakara Municipality	0.10	1.01	7	Kottarakara Municipality	0.12	1.11
8	Kulakkada	2.49	10.6	8	Kulakkada	3.04	11.3	8	Kulakkada	3.95	12.76
9	Kummil	0.01	1.79	9	Kummil	0.01	1.97	9	Kummil	0.01	2.07
10	Melila	0.11	1.2	10	Melila	0.12	1.3	10	Melila	0.12	1.41
11	Mylom	0.97	5.37	11	Mylom	1.16	6.57	11	Mylom	1.37	7.97
12	Neduvathoor	0.00	0.1	12	Neduvathoor	0.00	0.14	12	Neduvathoor	0.00	0.18
13	Pavithreswaram	3.90	7.88	13	Pavithreswaram	4.60	9.4	13	Pavithreswaram	5.18	10.46
14	Pooyappally	0.97	11.53	14	Pooyappally	1.06	11.97	14	Pooyappally	1.18	12.17
15	Ummannoor	0.42	1.78	15	Ummannoor	0.45	2.17	15	Ummannoor	0.46	2.37
16	Velinalloor	0.84	8.13	16	Velinalloor	0.96	9.81	16	Velinalloor	1.02	10.99
17	Veliyam	0.93	3.29	17	Veliyam	1.00	3.5	17	Veliyam	1.04	3.9
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	Chadayamangalam	1.79	6.03	1	Chadayamangalam	1.87	6.43	1	Chadayamangalam	2.05	7.1
2	Chithara	0.11	1.23	2	Chithara	0.11	1.33	2	Chithara	0.11	1.43
3	Elamadu	0.52	6	3	Elamadu	0.54	6	3	Elamadu	0.58	6.6
4	Ezhukone	0.17	6.85	4	Ezhukone	0.17	7.41	4	Ezhukone	0.19	8.22
5	Ittiva	2.43	5.5	5	Ittiva	2.45	5.7	5	Ittiva	2.52	6.3
6	Kareepra	0.69	6.63	6	Kareepra	0.69	7	6	Kareepra	0.71	7.76
7	Kottarakara Municipality	0.12	1.2	7	Kottarakara Municipality	0.13	1.39	7	Kottarakara Municipality	0.13	1.49
8	Kulakkada	5.22	13.75	8	Kulakkada	6.26	14.13	8	Kulakkada	7.71	15.69
9	Kummil	0.01	2.16	9	Kummil	0.01	2.26	9	Kummil	0.01	2.35
10	Melila	0.12	1.51	10	Melila	0.12	1.52	10	Melila	0.12	1.71
11	Mylom	1.69	9.65	11	Mylom	1.96	11.15	11	Mylom	2.24	12.9
12	Neduvathoor	0.00	0.18	12	Neduvathoor	0.00	0.22	12	Neduvathoor	0.56	6.64
13	Pavithreswaram	5.89	11.8	13	Pavithreswaram	6.51	11.99	13	Pavithreswaram	7.60	13.62
14	Pooyappally	1.33	12.6	14	Pooyappally	1.44	14	14	Pooyappally	1.65	15.8
15	Ummannoor	0.47	2.57	15	Ummannoor	0.49	2.67	15	Ummannoor	0.52	2.87
16	Velinalloor	1.11	12.46	16	Velinalloor	1.29	13.85	16	Velinalloor	1.44	15.63
17	Veliyam	1.12	4.3	17	Veliyam	1.15	4.6	17	Veliyam	1.18	5

76°40'0"E

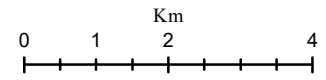
KUNNATHUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 10 Year Return Probability)



9°0'0"N

9°0'0"N

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

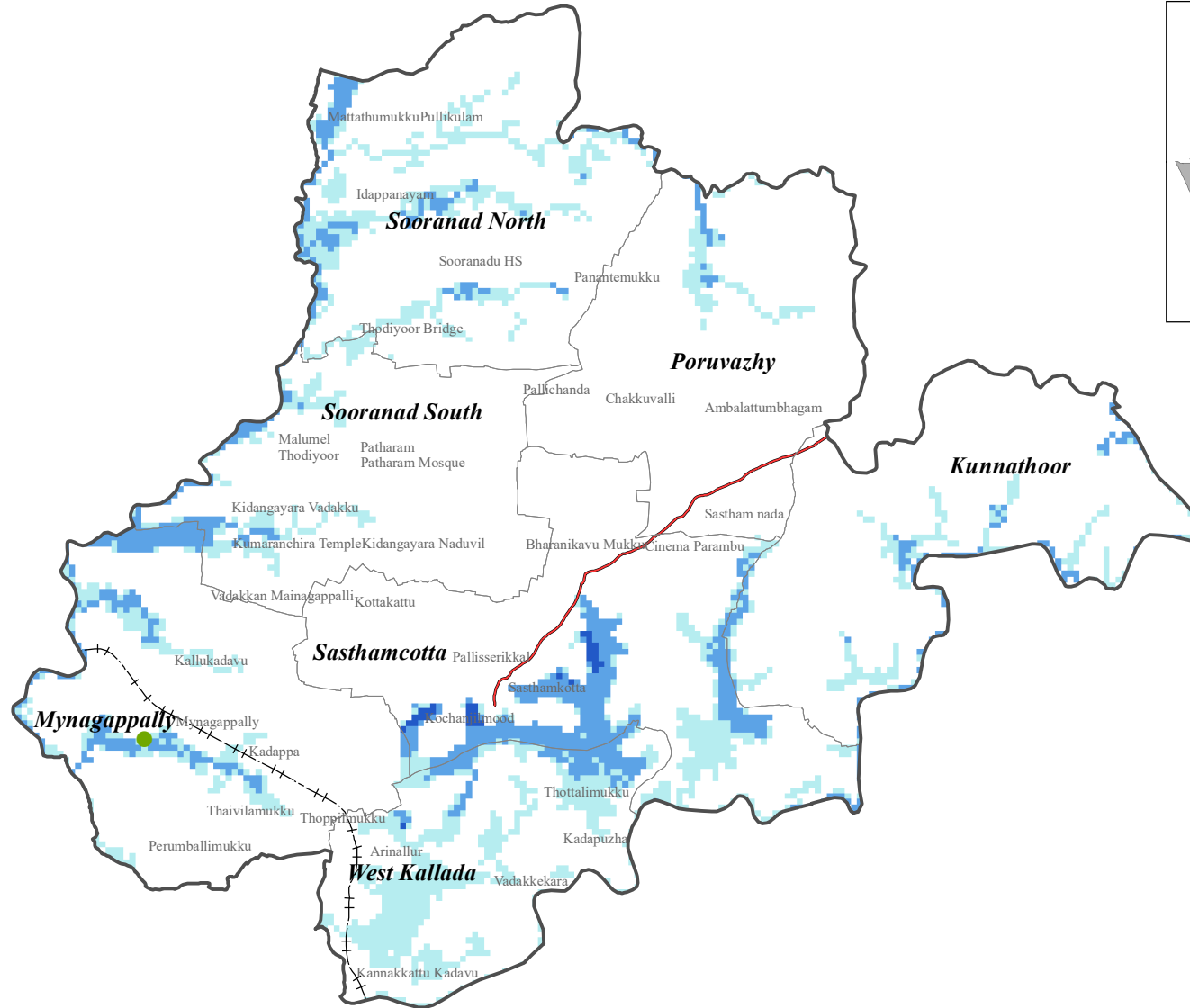
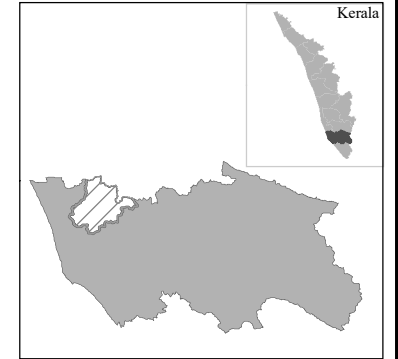


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 Kerala State Disaster Management Authority
 Thiruvananthapuram
External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°40'0"E

76°40'0"E

KUNNATHUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 25 Year Return Probability)



9°0'0"N

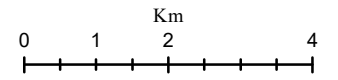
9°0'0"N

Flood Water Level (m)

	<4		4-8		8-12		>12
--	----	--	-----	--	------	--	-----

Legend

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

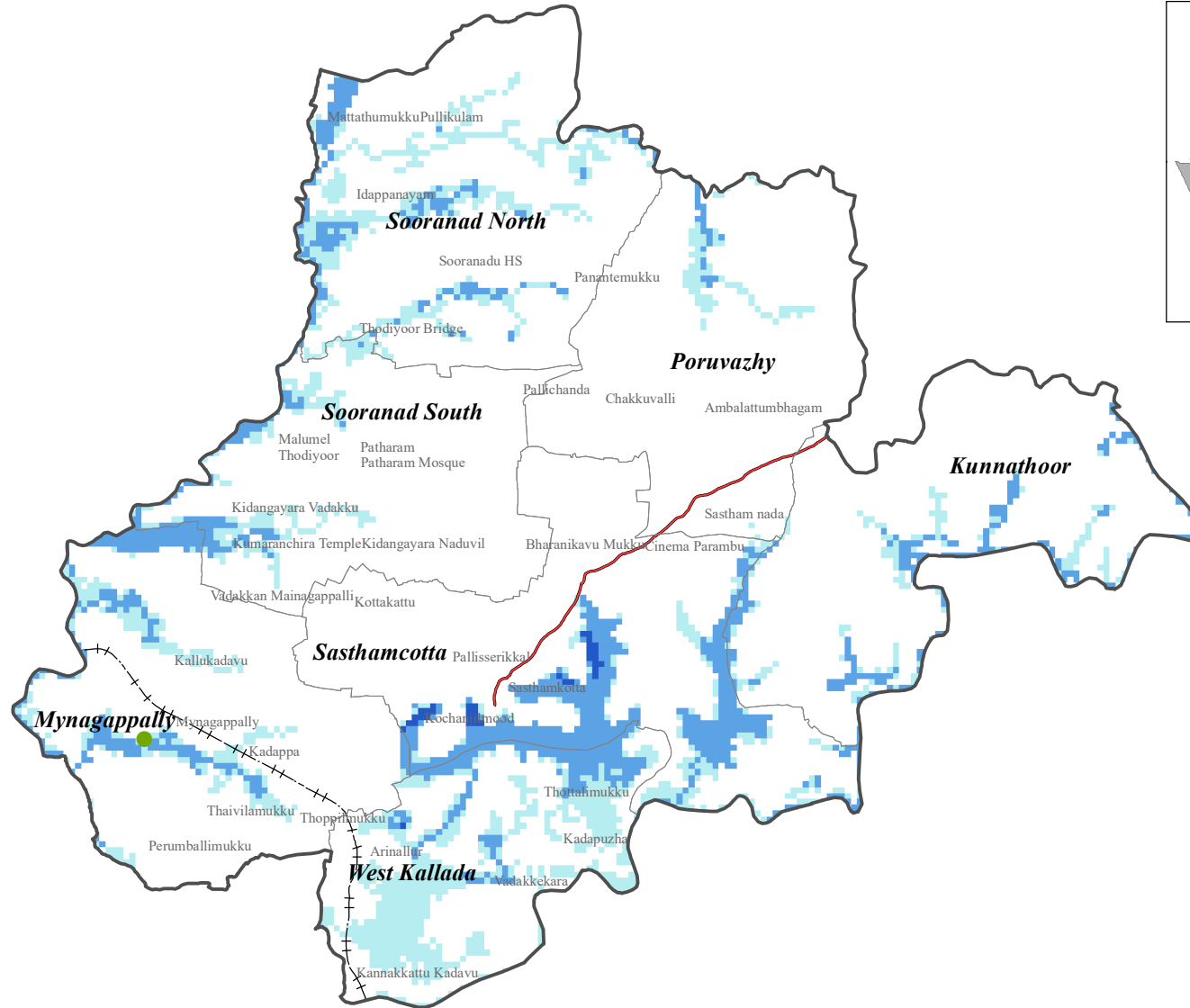
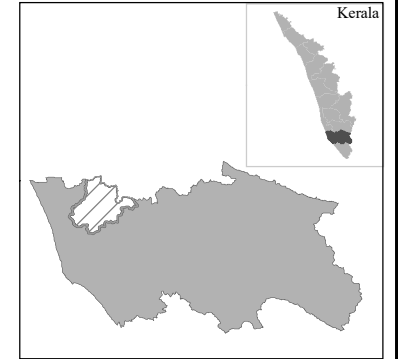


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Kerala State Disaster Management Authority
Thiruvananthapuram
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°40'0"E

76°40'0"E

KUNNATHUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 50 Year Return Probability)



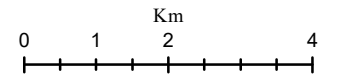
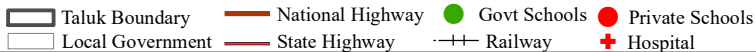
9°0'0"N

9°0'0"N

Flood Water Level (m)



Legend



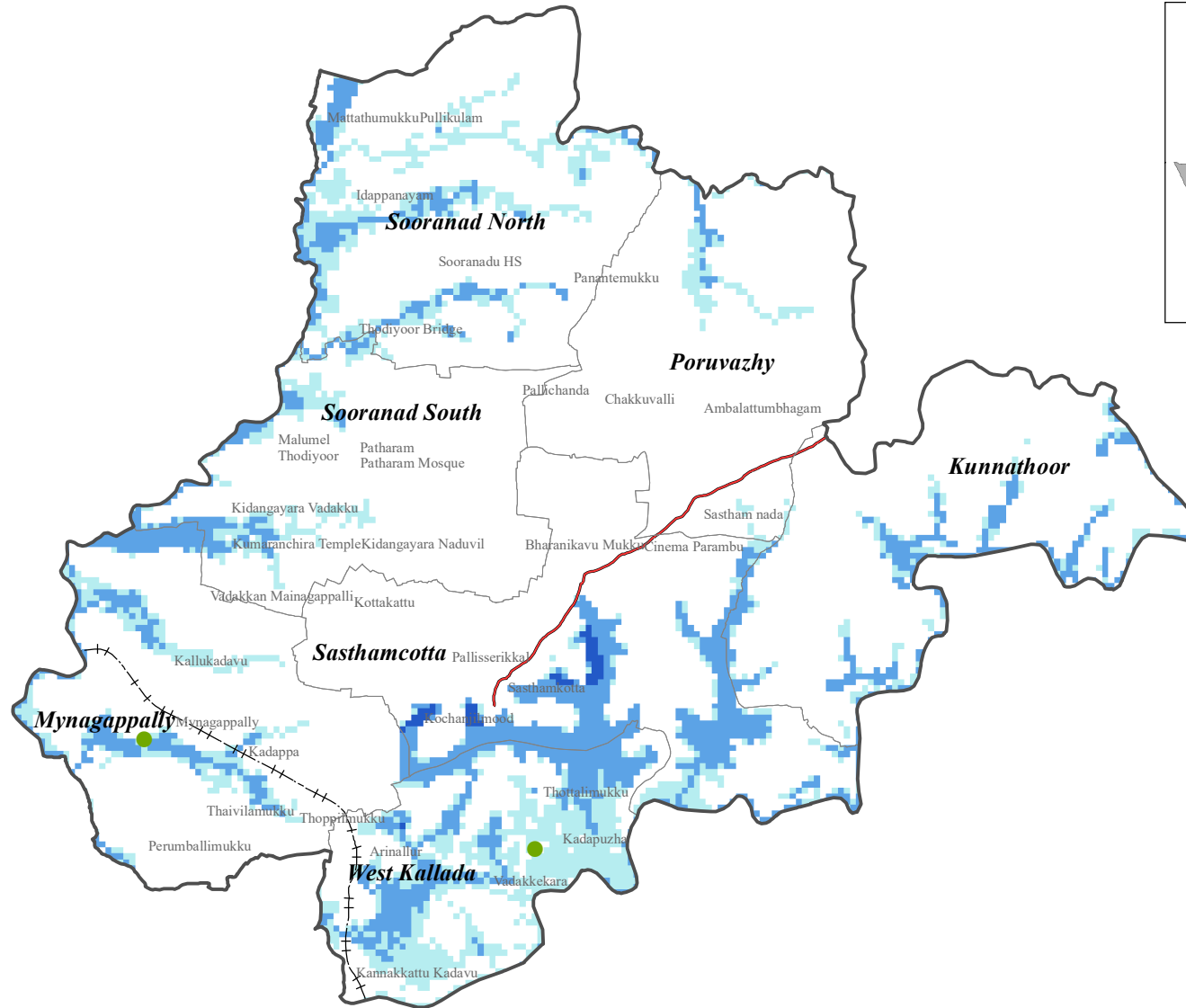
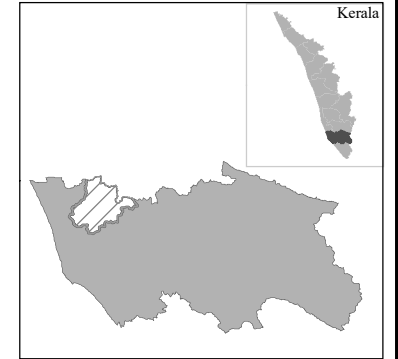
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Thiruvananthapuram

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

76°40'0"E

76°40'0"E

KUNNATHUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 100 Year Return Probability)



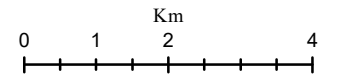
9°0'0"N

9°0'0"N

Flood Water Level (m)

Legend

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

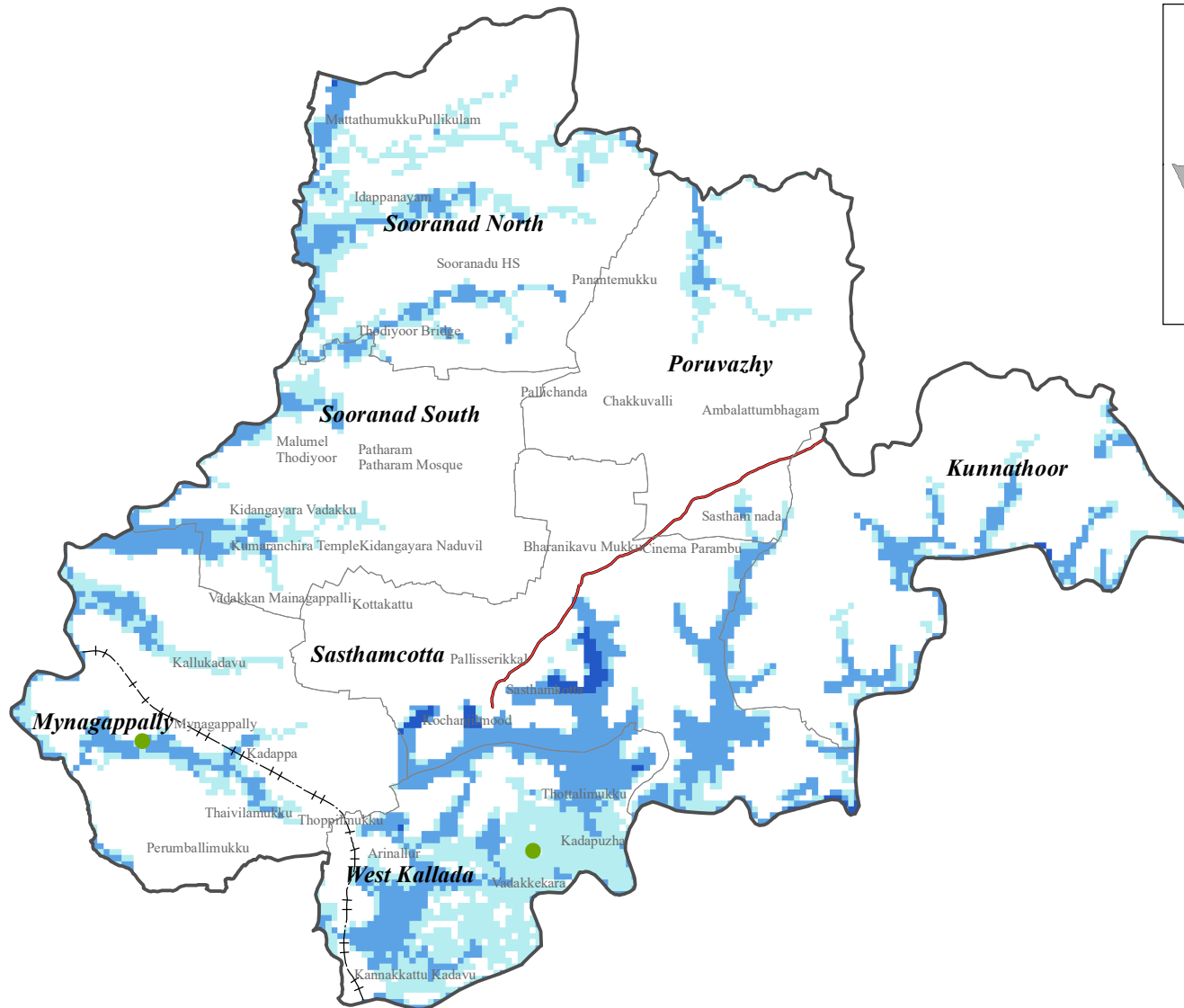
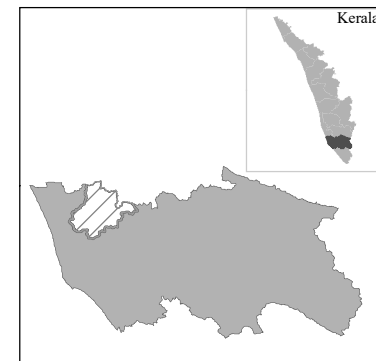


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 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°40'0"E

76°40'0"E

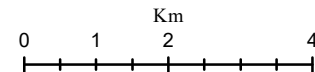
KUNNATHUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 200 Year Return Probability)



9°0'0"N

9°0'0"N

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

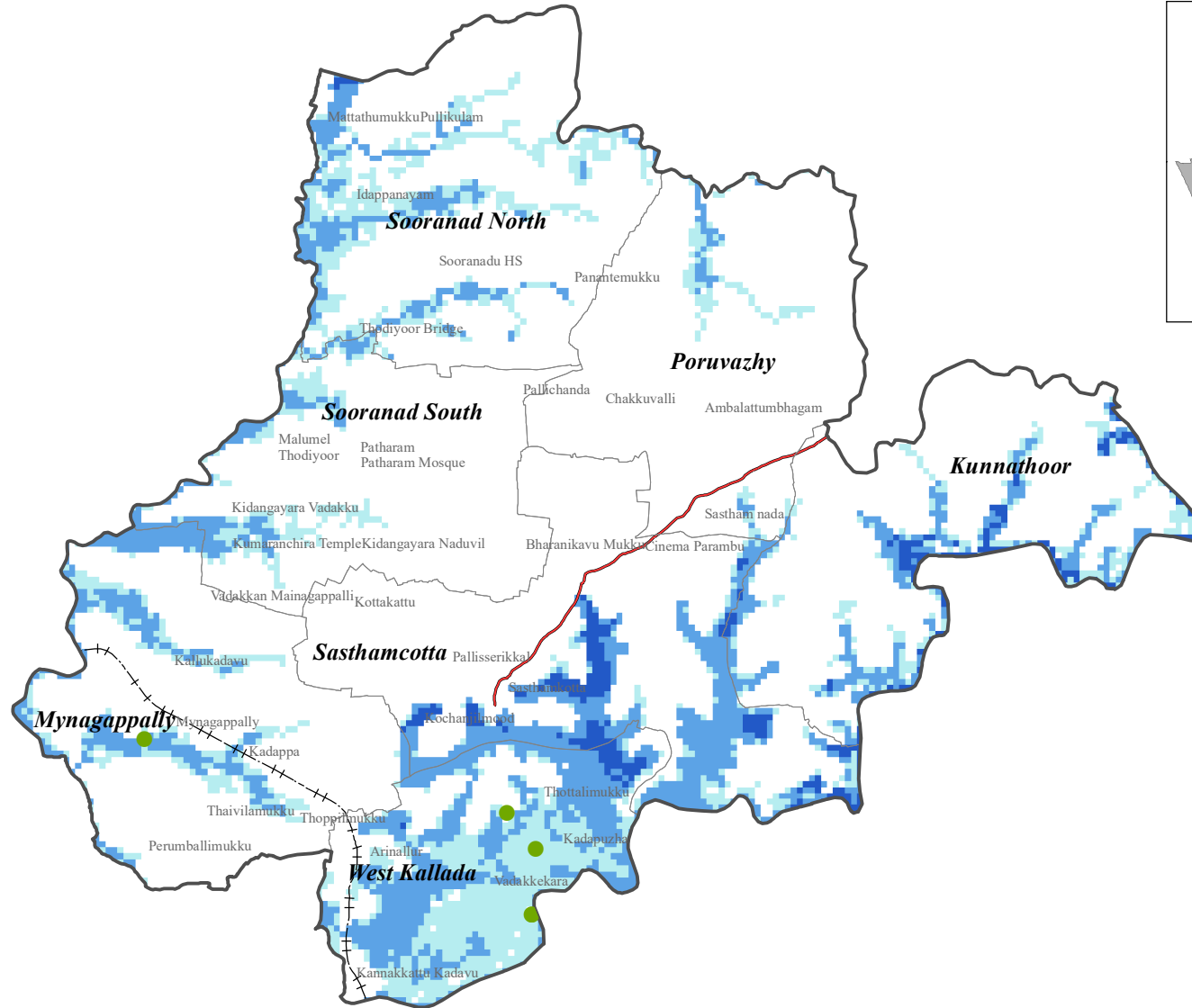
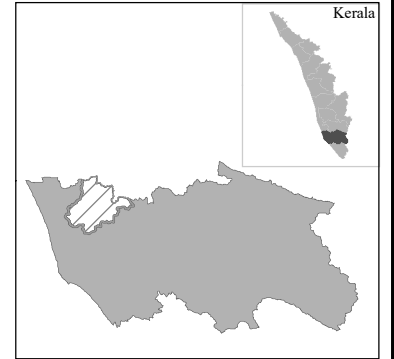


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 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°40'0"E

76°40'0"E

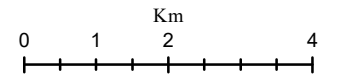
KUNNATHUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 500 Year Return Probability)



9°0'0"N

9°0'0"N

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



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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°40'0"E

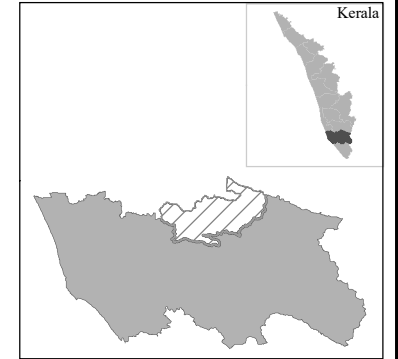
List of affected Schools/ Hospitals (LSG Wise)

KOLLAM DISTRICT						
KUNNATHUR 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
Mynagappally						
School						
S.K.V.U.P.S. Mynagappally	✓	✓	✓	✓	✓	✓
West Kallada						
School						
Govt.H.S.S West Kallada						✓
Govt.L.P.S Koickalbhagom				✓	✓	✓
Govt.L.P.S West Kallada						✓
Govt.U. P. S Valiyapadam						✓

77°0'0"E

PATHANAPURAM TALUK (KOLLAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)

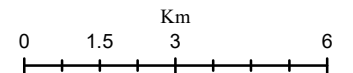


9°0'0.6"N

9°0'0.6"N

Flood Water Level (m)

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



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Kerala State Disaster Management Authority
Thiruvananthapuram

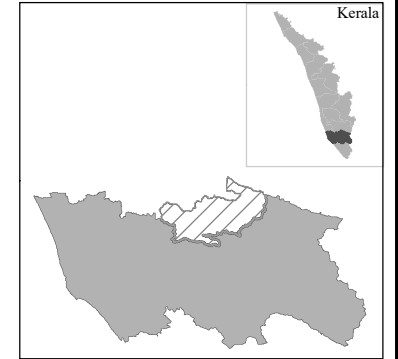
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

77°0'0"E

77°0'0"E

PATHANAPURAM TALUK (KOLLAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)

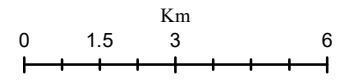


9°0'0.6"N

9°0'0.6"N

Flood Water Level (m)

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

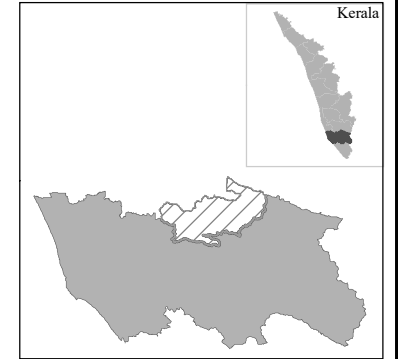


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Kerala State Disaster Management Authority
Thiruvananthapuram
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

77°0'0"E

77°0'0"E

PATHANAPURAM TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 50 Year Return Probability)



9°0'0.6"N

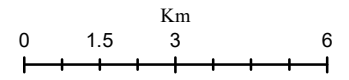
9°0'0.6"N

Flood Water Level (m)

	<4		4-8		8-12		>12
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Legend

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

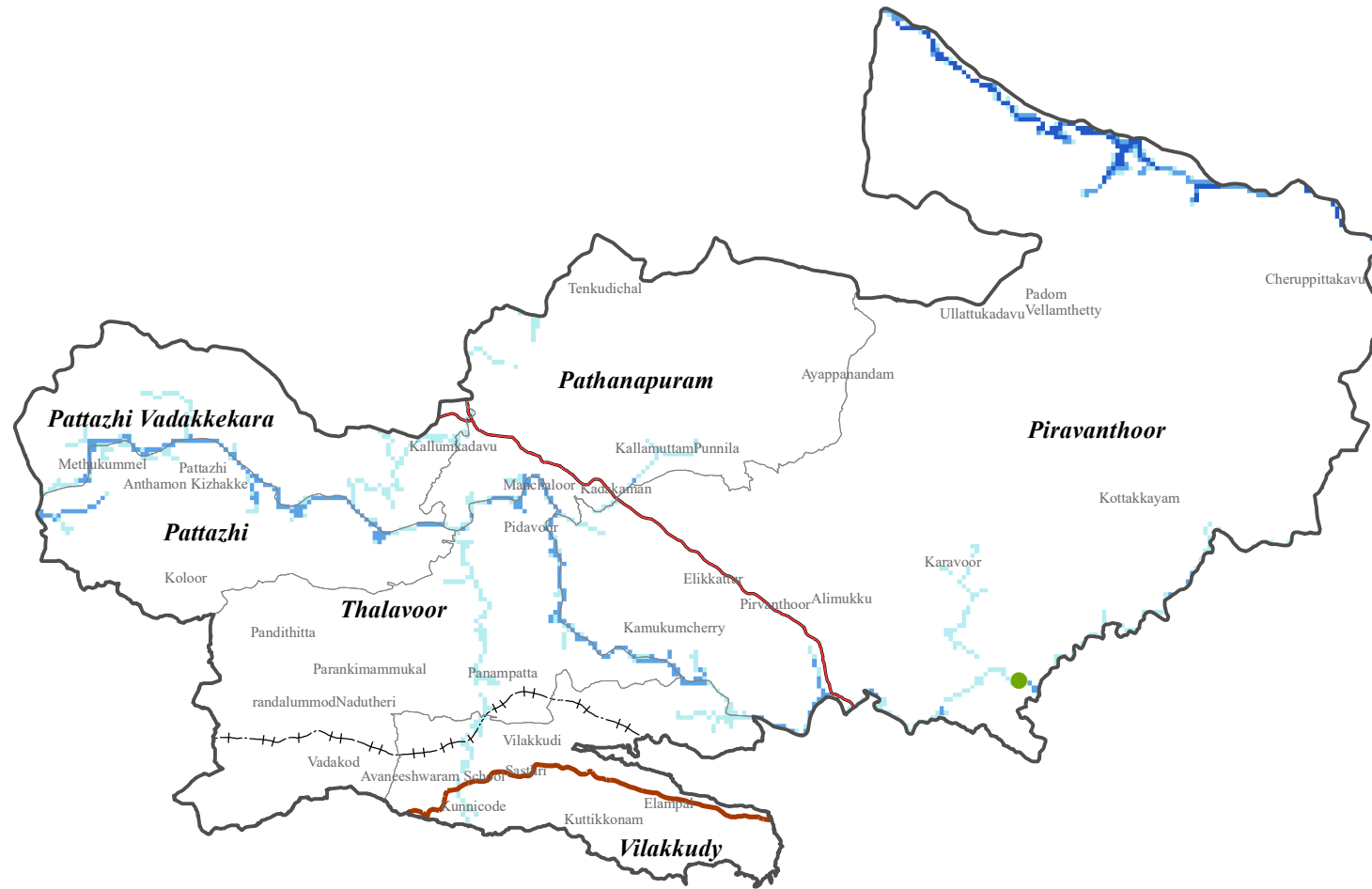
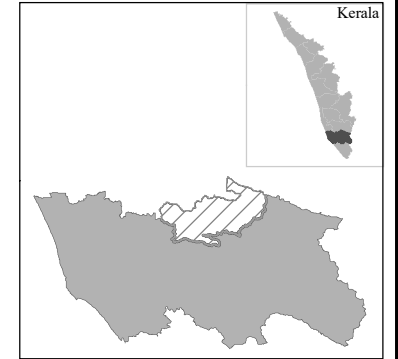


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External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

77°0'0"E

77°0'0"E

PATHANAPURAM TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 100 Year Return Probability)

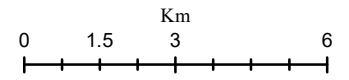


9°0'0.6"N

9°0'0.6"N

Flood Water Level (m)

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

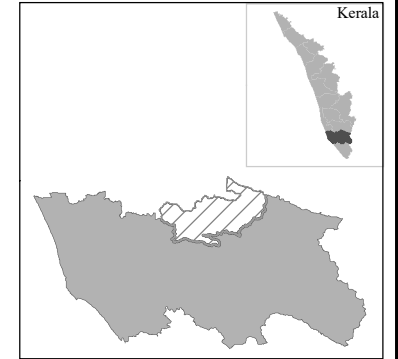


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 Kerala State Disaster Management Authority
 Thiruvananthapuram
External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

77°0'0"E

PATHANAPURAM TALUK (KOLLAM DISTRICT)

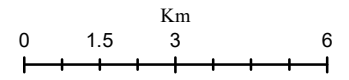
Flood Inundation (1 in 200 Year Return Probability)



Flood Water Level (m)

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

Legend



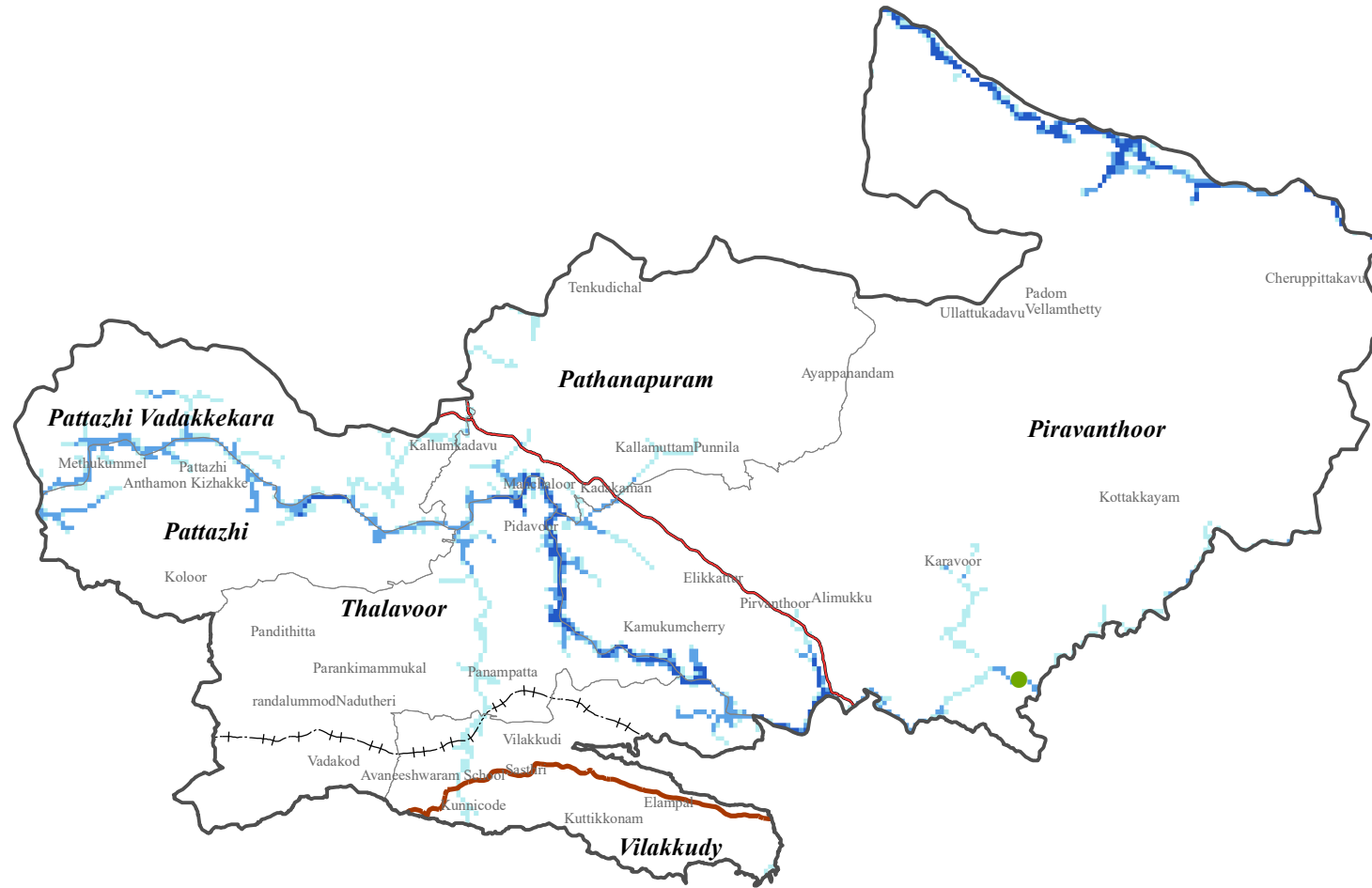
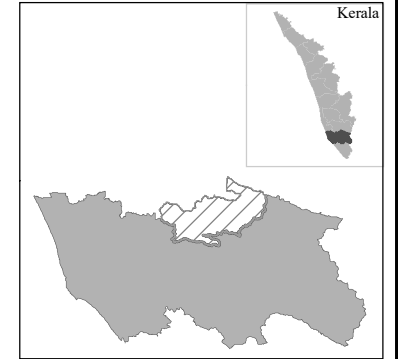
RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram

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

77°0'0"E

PATHANAPURAM TALUK (KOLLAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)

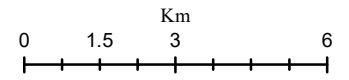


9°0'0.6"N

9°0'0.6"N

Flood Water Level (m)

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



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)

77°0'0"E

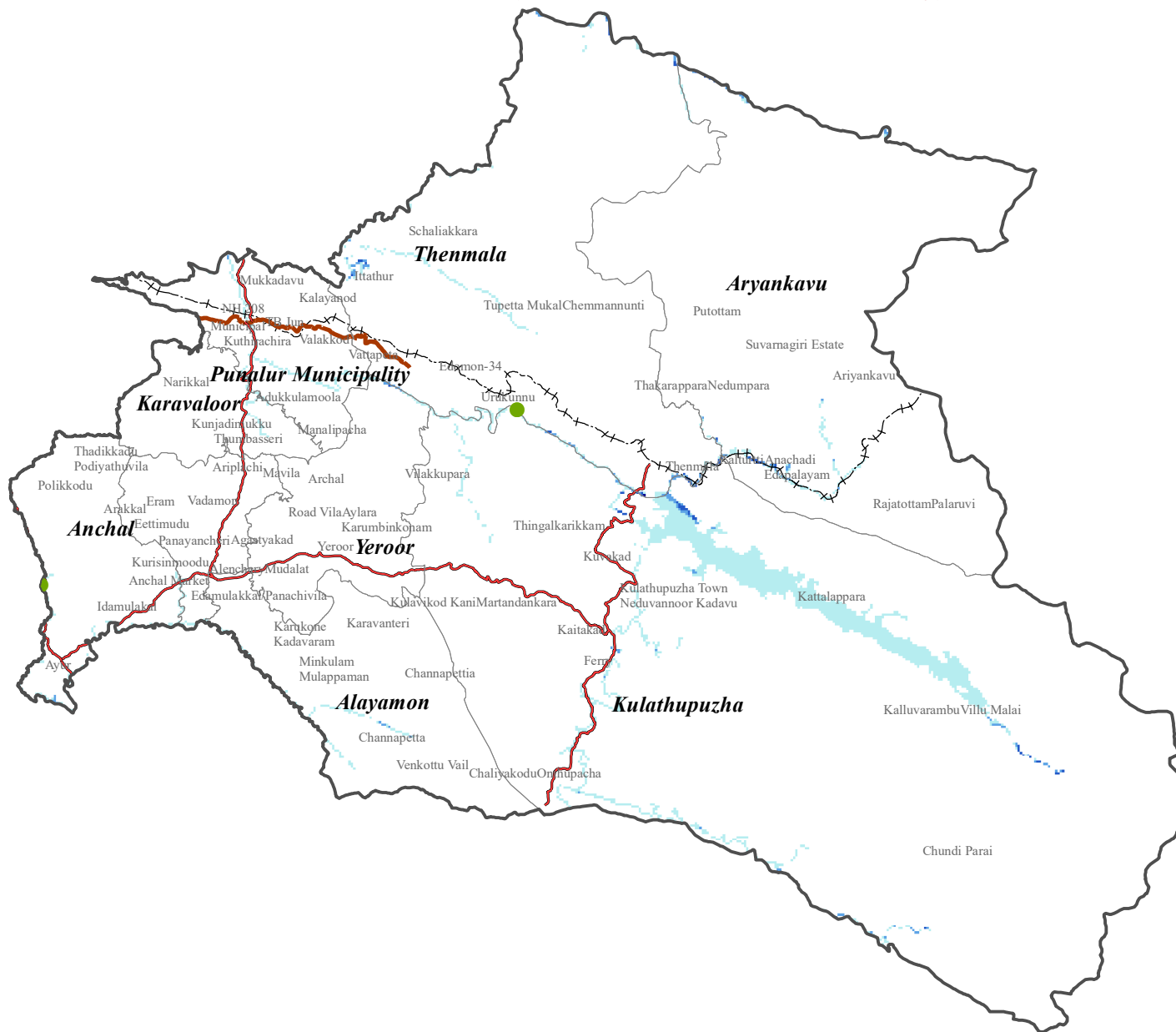
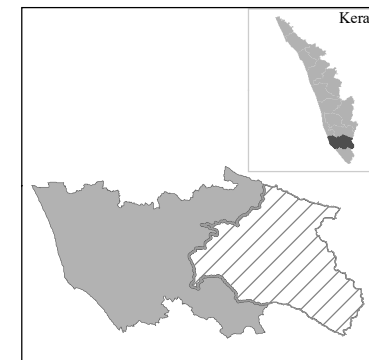
List of affected Schools/ Hospitals (LSG Wise)

KOLLAM DISTRICT						
PATHANAPURAM 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
Piravanthoor						
School						
SHaliacaraestate LPS	✓	✓	✓	✓	✓	✓

77°0'0"E

77°20'0"E

PUNALUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 10 Year Return Probability)



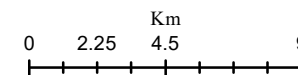
N.0°0'6"

N.0°0'6"

77°0'0"E

77°20'0"E

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

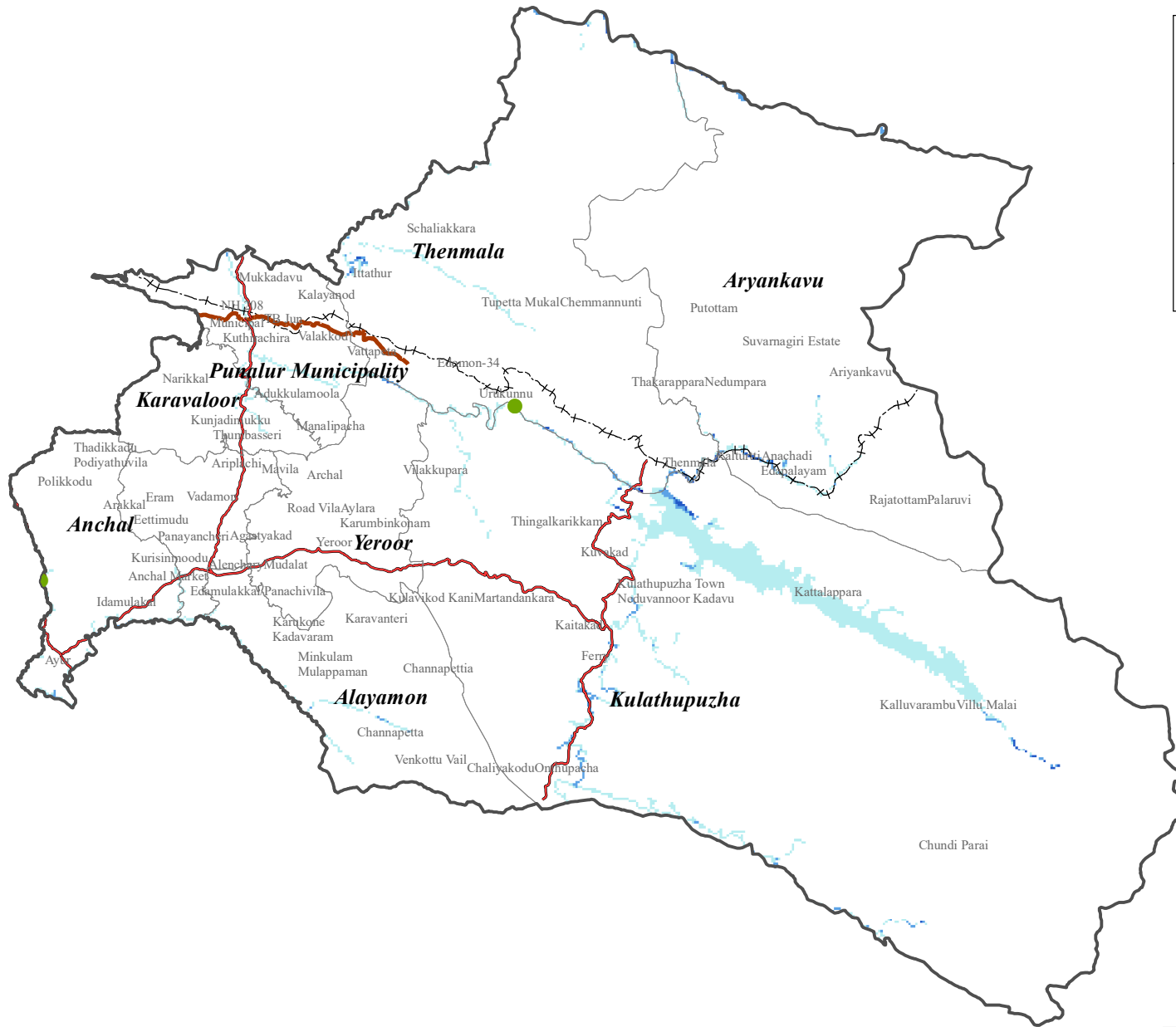
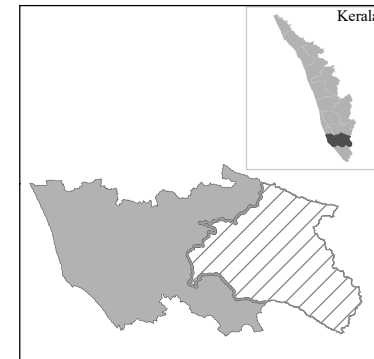


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 Thiruvananthapuram
External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEF, UN GRID, CIMA (Italy)

77°0'0"E

77°20'0"E

PUNALUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 25 Year Return Probability)



8°0'0"N

8°0'0"N

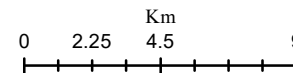
77°0'0"E

77°20'0"E

Flood Water Level (m)

Legend

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



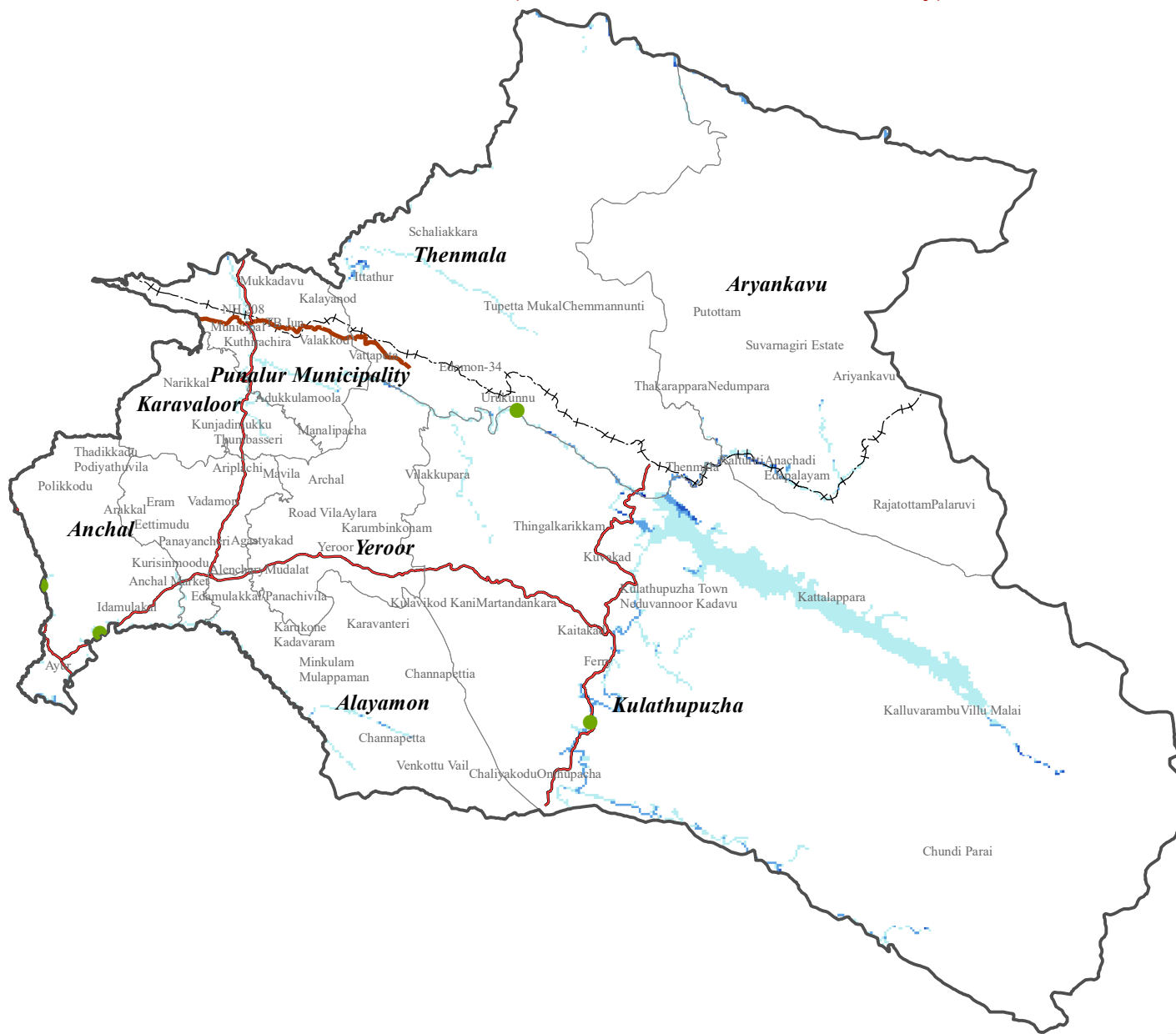
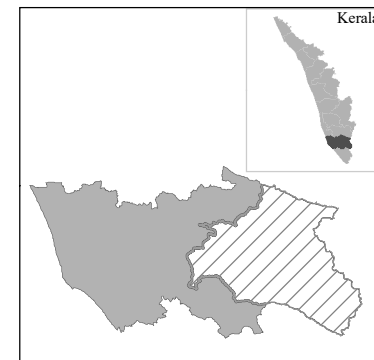
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEF, UN GRID, CIMA (Italy)

77°0'0"E

77°20'0"E

PUNALUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 50 Year Return Probability)

N



8°0'0"N

8°0'0"N

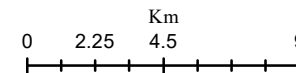
77°0'0"E

77°20'0"E

Flood Water Level (m)

Legend

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

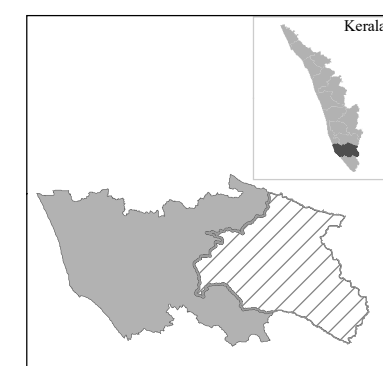


RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

77°0'0"E

77°20'0"E

PUNALUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 100 Year Return Probability)

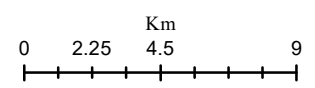


N.0°0'6"

N.0°0'6"



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

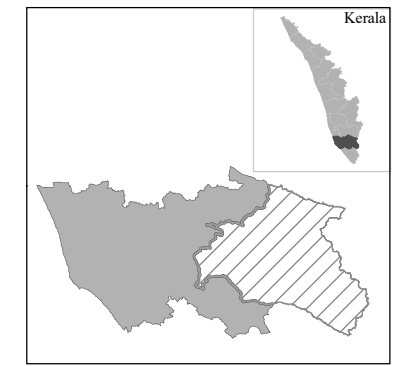
77°0'0"E

77°20'0"E

77°0'0"E

77°20'0"E

PUNALUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 200 Year Return Probability)



N.0°0.6'

N.0°0.6'

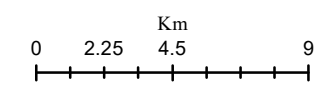
77°0'0"E

77°20'0"E

Flood Water Level (m)

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

Legend

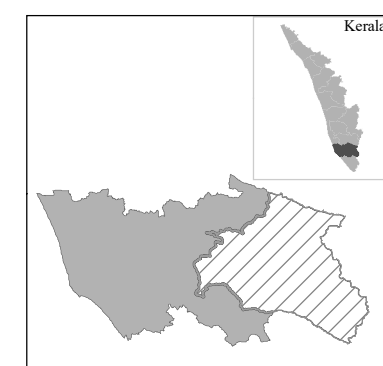


RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
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77°0'0"E

77°20'0"E

PUNALUR TALUK (KOLLAM DISTRICT) Flood Inundation (1 in 500 Year Return Probability)

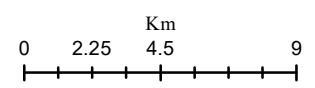


N.0°0'6"

N.0°0'6"



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

77°0'0"E

77°20'0"E

List of affected Schools/ Hospitals (LSG Wise)

KOLLAM DISTRICT						
PUNALUR 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
Edamulackal						
School						
L.M.S.L.P.S Vayakkal	✓	✓	✓	✓	✓	✓
Peringaloor G. L. P. S			✓	✓	✓	✓
Kulathupuzha						
School						
G.U.P.S Kulathupuzha						✓
Kantanchira W. L. P. S			✓	✓	✓	✓
Punalur Municipality						
School						
M.T.S.S U.P.S Punalur Bathel Narikkal						✓
Thenmala						
School						
G.L.P.S Ugrankunnu	✓	✓	✓	✓	✓	✓
LPS Urukunnu	✓	✓	✓	✓	✓	✓

