

75°40'0"E

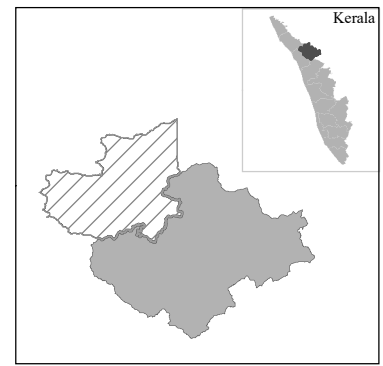
76°0'0"E

12°0'0"N

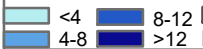
12°0'0"N

MANANTHAVADY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 10 Year Return Probability)

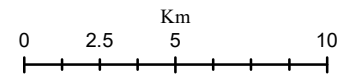


Flood Water Level (m)



Legend

- | | | | |
|------------------|------------------|--------------|-----------------|
| Taluk Boundary | National Highway | Govt Schools | Private Schools |
| 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)

75°40'0"E

76°0'0"E

11°40'0"N

11°40'0"N

75°40'0"E

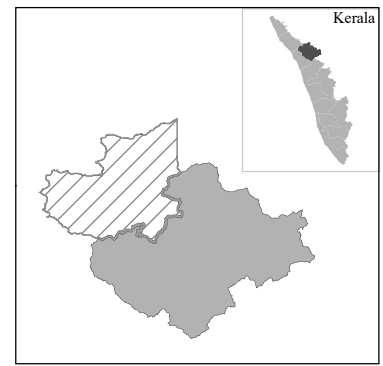
76°0'0"E

12°0'0"N

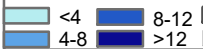
12°0'0"N

MANANTHAVADY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 25 Year Return Probability)

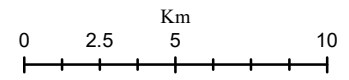


Flood Water Level (m)



Legend

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

75°40'0"E

76°0'0"E

11°40'0"N

11°40'0"N

75°40'0"E

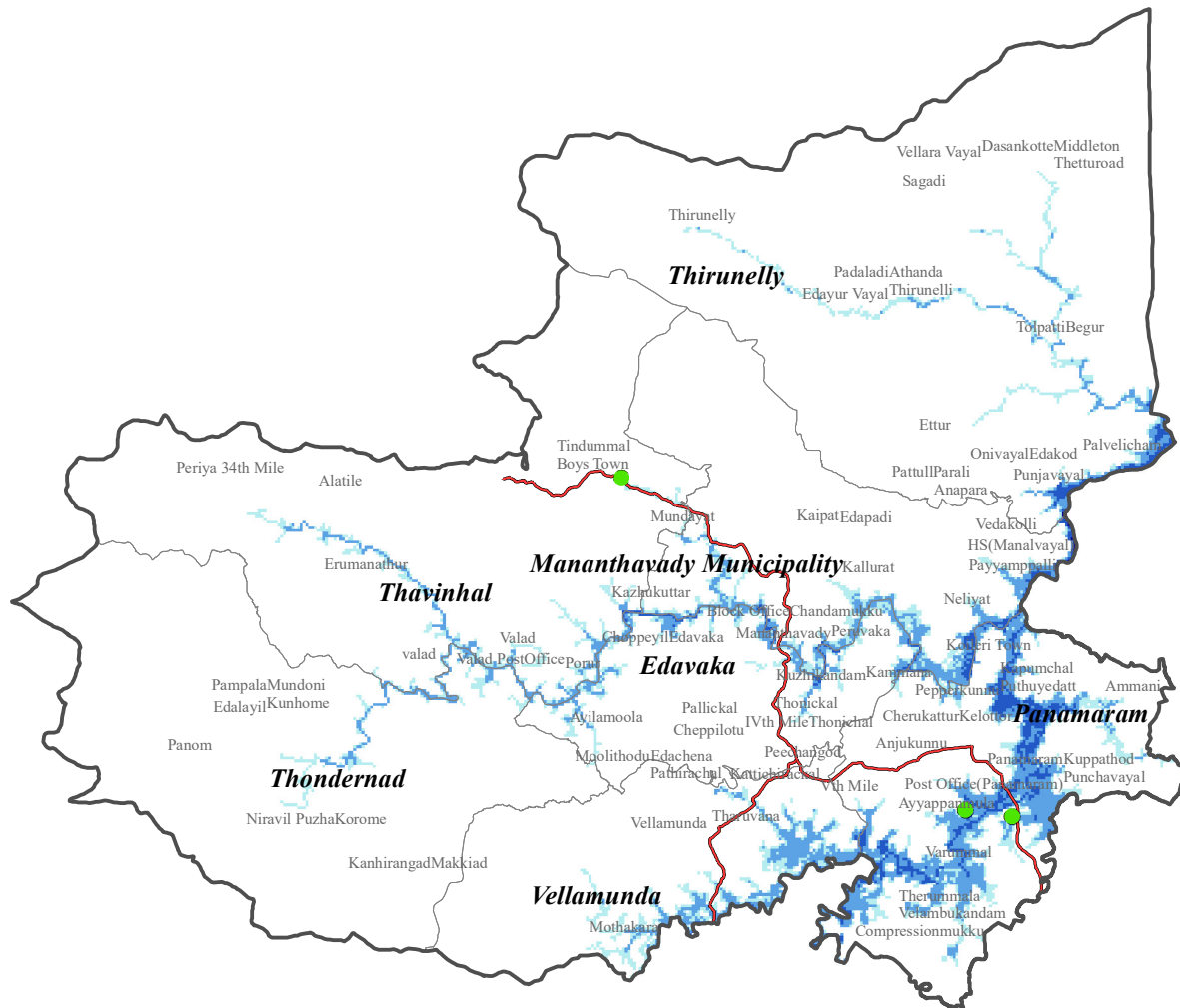
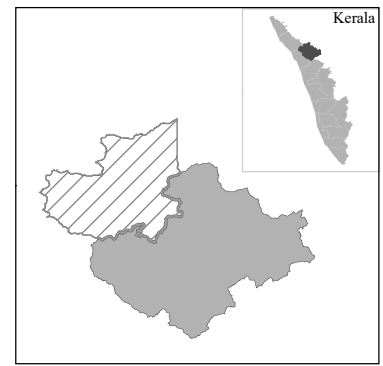
76°0'0"E

12°0'0"N

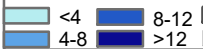
12°0'0"N

MANANTHAVADY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 50 Year Return Probability)

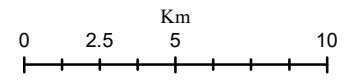


Flood Water Level (m)



Legend

- Taluk Boundary
- National Highway
- Govt Schools
- Private Schools
- 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)

75°40'0"E

76°0'0"E

11°40'0"N

11°40'0"N

75°40'0"E

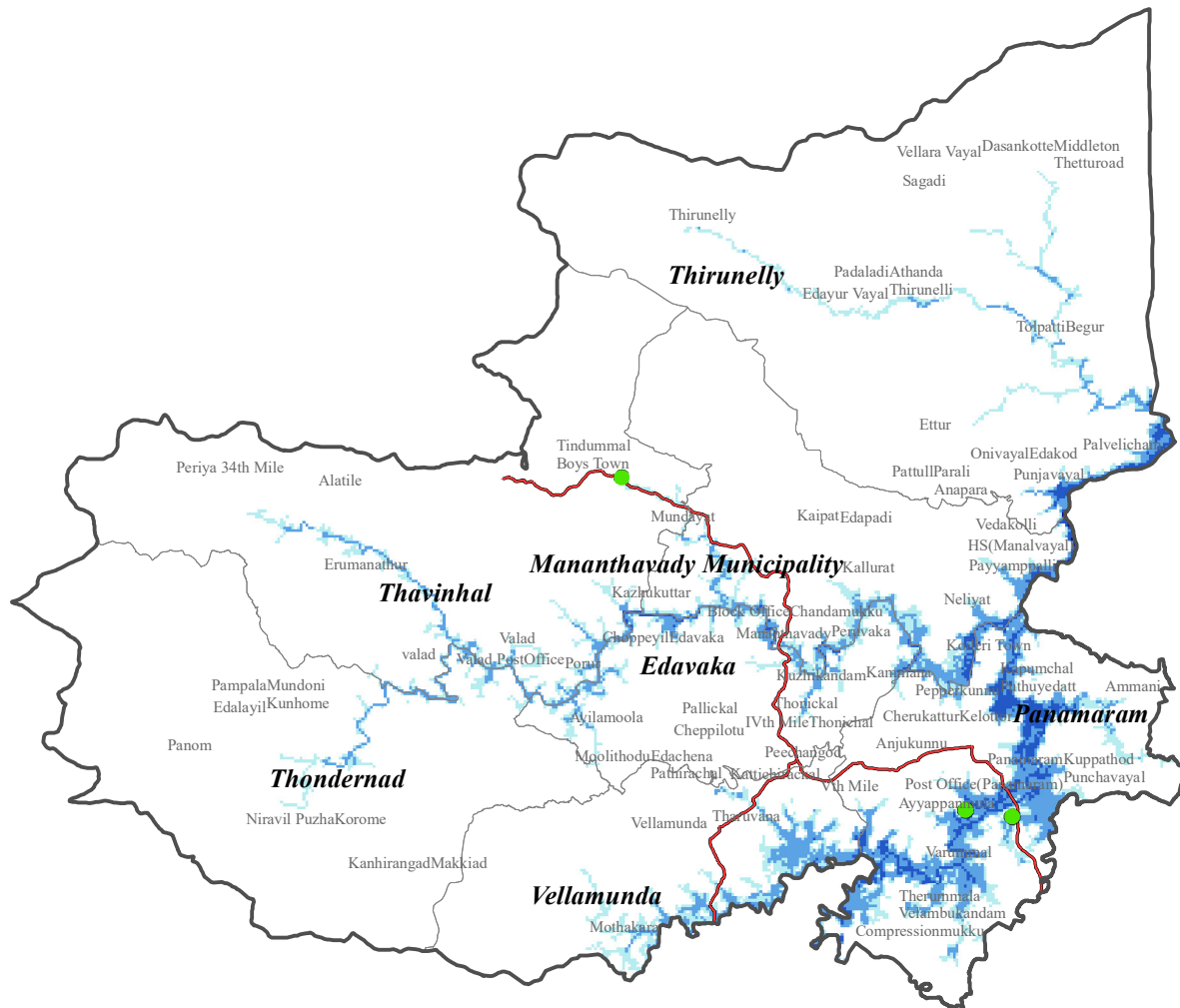
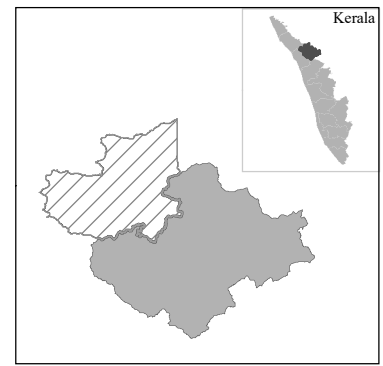
76°0'0"E

12°0'0"N

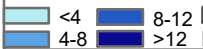
12°0'0"N

MANANTHAVADY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 100 Year Return Probability)

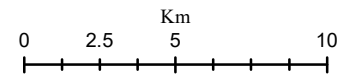


Flood Water Level (m)



Legend

- Taluk Boundary
- National Highway
- Govt Schools
- Private Schools
- 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)

75°40'0"E

76°0'0"E

11°40'0"N

11°40'0"N

75°40'0"E

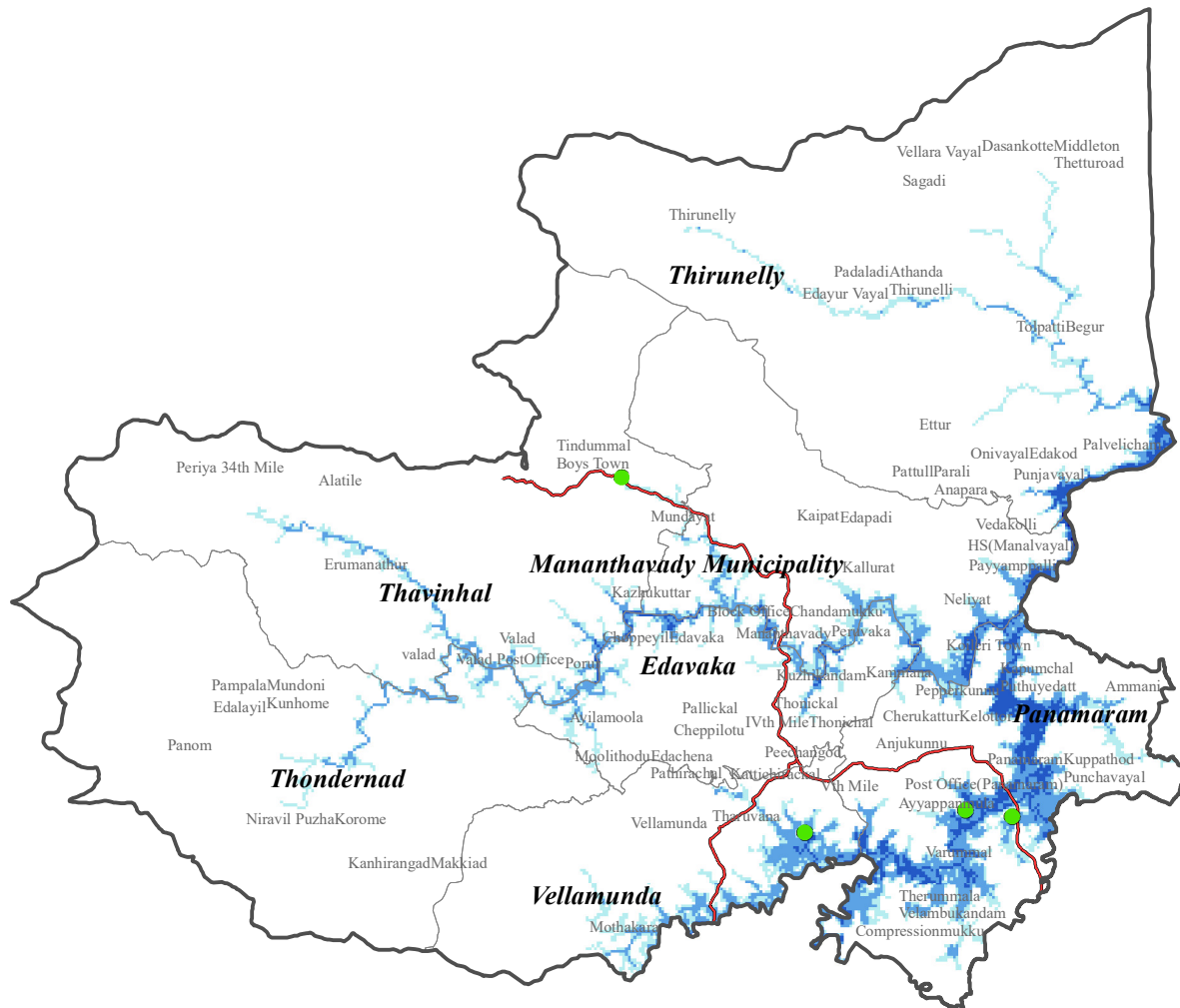
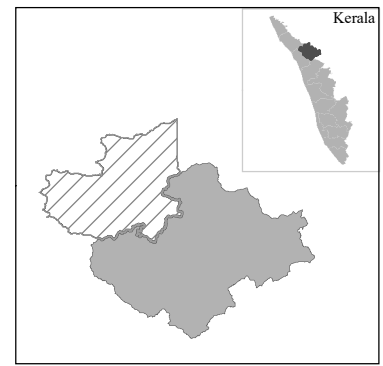
76°0'0"E

12°0'0"N

12°0'0"N

MANANTHAVADY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 200 Year Return Probability)



11°40'0"N

11°40'0"N

75°40'0"E

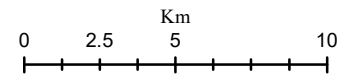
76°0'0"E

Flood Water Level (m)

	<4
	4-8
	8-12
	>12

Legend

	Taluk Boundary
	Local Government
	National Highway
	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)

75°40'0"E

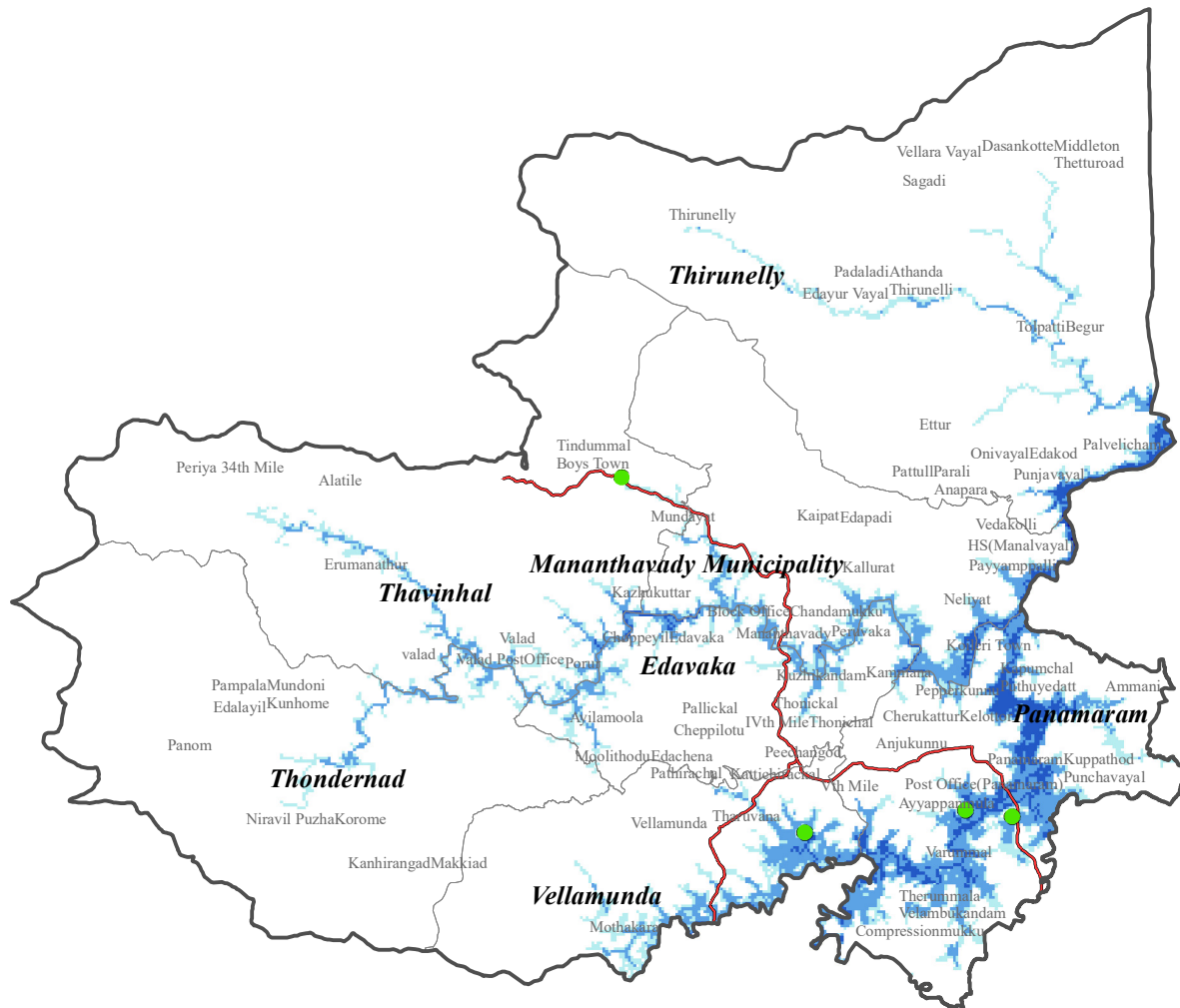
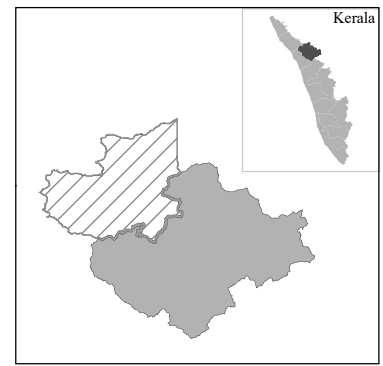
76°0'0"E

12°0'0"N

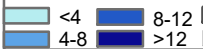
12°0'0"N

MANANTHAVADY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 500 Year Return Probability)

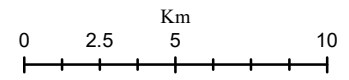


Flood Water Level (m)



Legend

- Taluk Boundary
- National Highway
- Govt Schools
- Private Schools
- 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)

75°40'0"E

76°0'0"E

11°40'0"N

11°40'0"N

MANATHAVADY TALUK

1 in 10 YEAR (CC – RCP 8.5)				1 in 25 YEAR (CC – RCP 8.5)				1 in 50 YEAR (CC – RCP 8.5)			
Sl No	LSG	Flood Inundati on Area (Km2)	Max. Flood Level (m)	Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)	Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Edavaka	4.76	8.49	1	Edavaka	5.47	9.59	1	Edavaka	5.95	10.09
2	Mananthavady Municipality	7.87	17.49	2	Mananthavady Municipality	8.55	18.79	2	Mananthavady Municipality	8.93	19.69
3	Panamaram	19.88	11.71	3	Panamaram	21.66	12.81	3	Panamaram	22.65	13.71
4	Thavinhal	4.27	6.41	4	Thavinhal	5.08	7.4	4	Thavinhal	5.46	8
5	Thirunelly	6.43	16.2	5	Thirunelly	6.84	17.31	5	Thirunelly	7.26	18.17
6	Thondernad	2.20	5.61	6	Thondernad	2.45	6.26	6	Thondernad	2.62	6.76
7	Vellamunda	7.01	8.38	7	Vellamunda	8.11	9.47	7	Vellamunda	8.50	10.11
1 in 100 YEAR (CC – RCP 8.5)				1 in 200 YEAR (CC – RCP 8.5)				1 in 500 YEAR (CC – RCP 8.5)			
Sl No	LSG	Flood Inundati on Area (Km2)	Max. Flood Level (m)	Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)	Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Edavaka	6.41	10.49	1	Edavaka	6.79	10.89	1	Edavaka	7.35	11.39
2	Mananthavady Municipality	9.27	20.39	2	Mananthavady Municipality	9.71	21.29	2	Mananthavady Municipality	10.09	22.09
3	Panamaram	23.84	14.6	3	Panamaram	24.92	15.4	3	Panamaram	26.29	16.49
4	Thavinhal	6.01	8.6	4	Thavinhal	6.34	9.1	4	Thavinhal	7.01	10.1
5	Thirunelly	7.54	18.84	5	Thirunelly	7.78	19.59	5	Thirunelly	8.14	20.36
6	Thondernad	2.70	7.26	6	Thondernad	2.95	7.46	6	Thondernad	3.28	7.91
7	Vellamunda	9.03	10.72	7	Vellamunda	9.54	11.35	7	Vellamunda	10.40	12.17

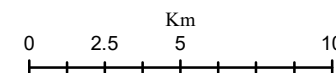
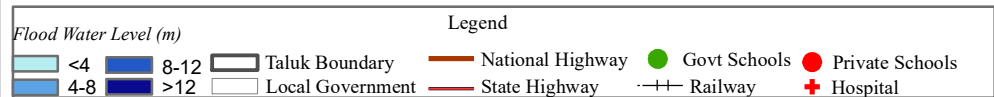
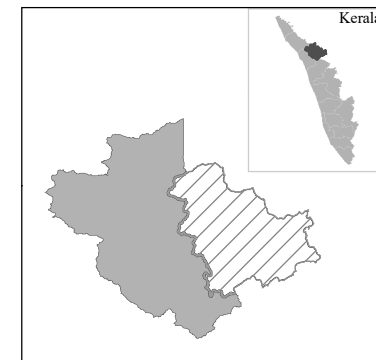
WAYANAD DISTRICT						
MANANTHAVADY TALUK						
Name of exposed Hospital/School (LSG)	Return Probability (Climate Change Scenario - RCP 8.5)					
	1 in 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Panamaram						
School						
G L P S Palukunnu		✓	✓	✓	✓	✓
G L P S Panamaram			✓	✓	✓	✓
Thavinhal						
School						
G U P S Thalappuzha	✓	✓	✓	✓	✓	✓
Vellamunda						
School						
St.Sebastian'S U P S Kommayad					✓	✓

76°0'0"E

76°20'0"E

SULTHAN BATHERY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 10 Year Return Probability)



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

11°40'0"N

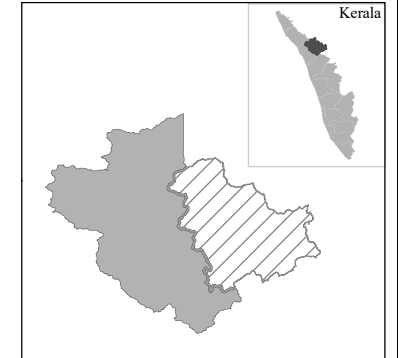
11°40'0"N

76°0'0"E

76°20'0"E

SULTHAN BATHERY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 25 Year Return Probability)



Flood Water Level (m)

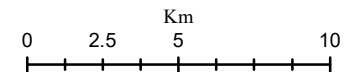


76°0'0"E

76°20'0"E

11°40'0"N

11°40'0"N



RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram

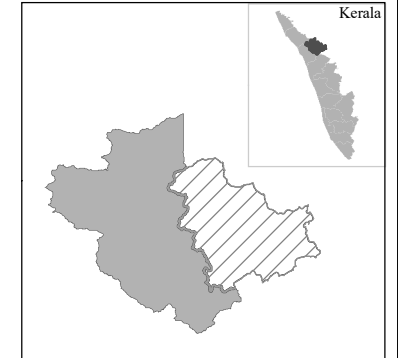
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

76°20'0"E

SULTHAN BATHERY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 50 Year Return Probability)



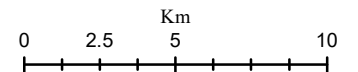
Flood Water Level (m)



76°0'0"E

76°20'0"E

11°40'0"N



RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram

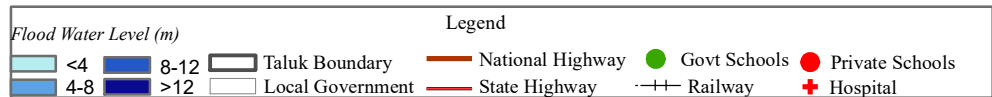
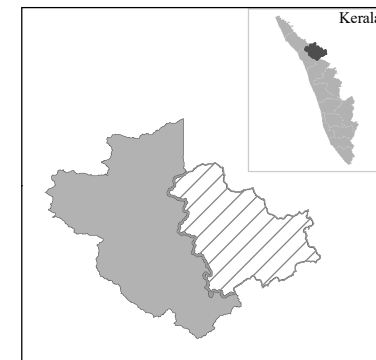
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

76°20'0"E

SULTHAN BATHERY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 100 Year Return Probability)

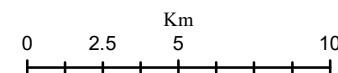


76°0'0"E

76°20'0"E

11°40'0"N

11°40'0"N



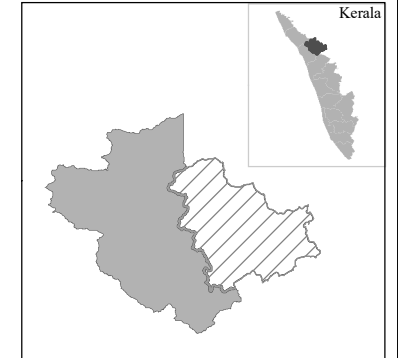
RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

76°20'0"E

SULTHAN BATHERY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 200 Year Return Probability)



Flood Water Level (m)

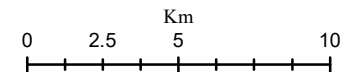


76°0'0"E

76°20'0"E

11°40'0"N

11°40'0"N



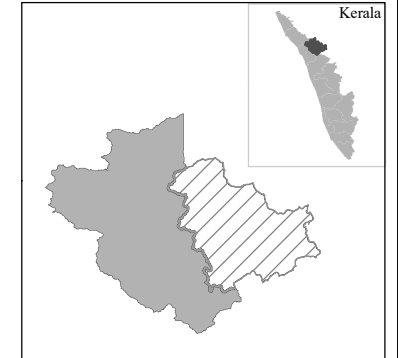
RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

76°20'0"E

SULTHAN BATHERY TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 500 Year Return Probability)



Flood Water Level (m)

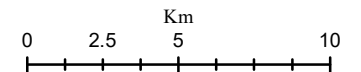


76°0'0"E

76°20'0"E

11°40'0"N

11°40'0"N



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)

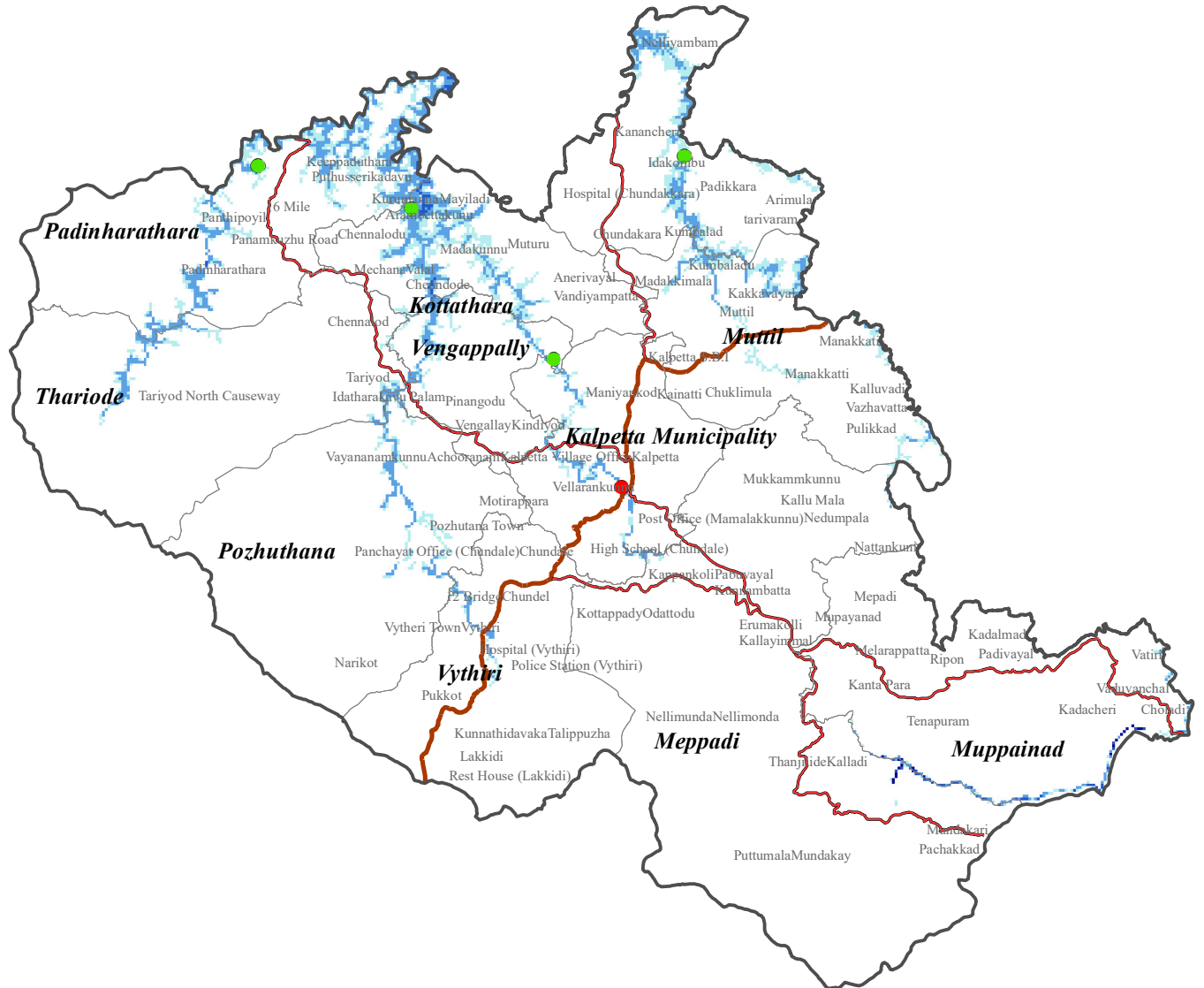
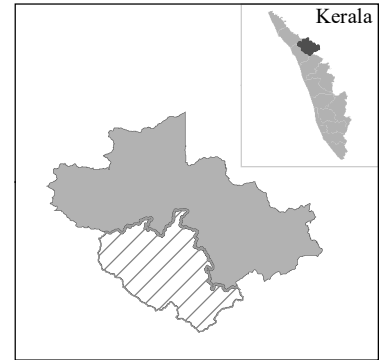
[illegible]

WAYANAD DISTRICT						
SULTHAN BATHERY TALUK						
Name of exposed Hospital/School (LSG)	Return Probability (Climate Change Scenario - RCP 8.5)					
	1 in 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Noolpuzha						
School						
G L P S Chettiyalathoor	✓	✓	✓	✓	✓	✓
G L P S Kallumukku	✓	✓	✓	✓	✓	✓
G L P S Muthanga						✓

76°0'0"E

VYTHIRI TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 10 Year Return Probability)



Flood Water Level (m)



Legend

Taluk Boundary
Local Government

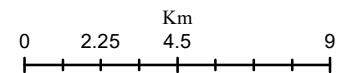
National Highway
State Highway

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)

76°0'0"E

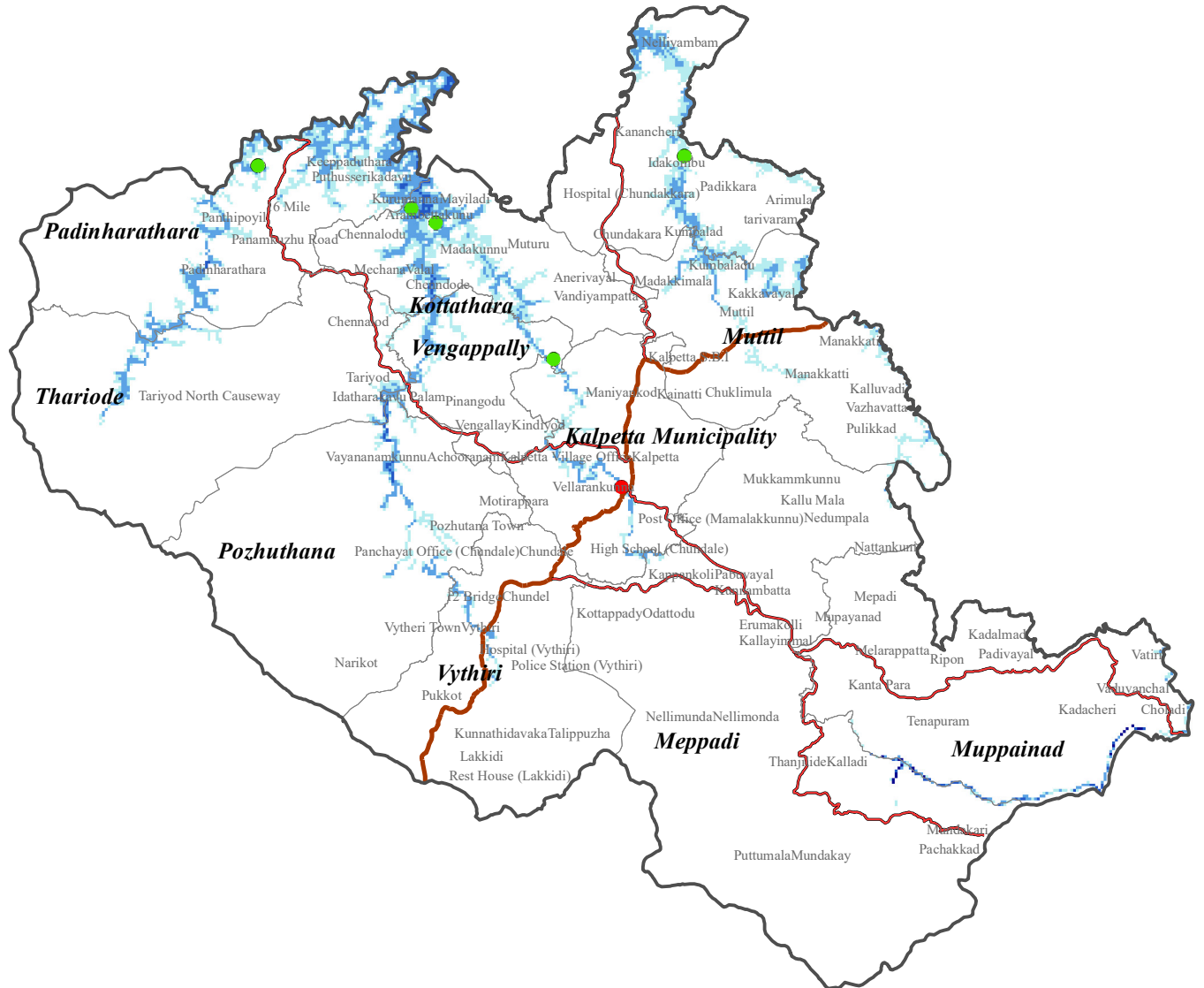
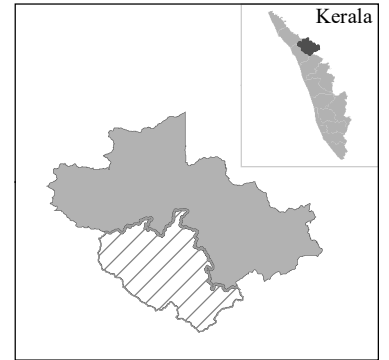
11°40'0"N

11°20'0"N

76°0'0"E

VYTHIRI TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 25 Year Return Probability)



Flood Water Level (m)



Legend

Taluk Boundary
Local Government

National Highway

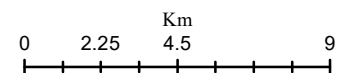
State Highway

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)

76°0'0"E

11°40'0"N

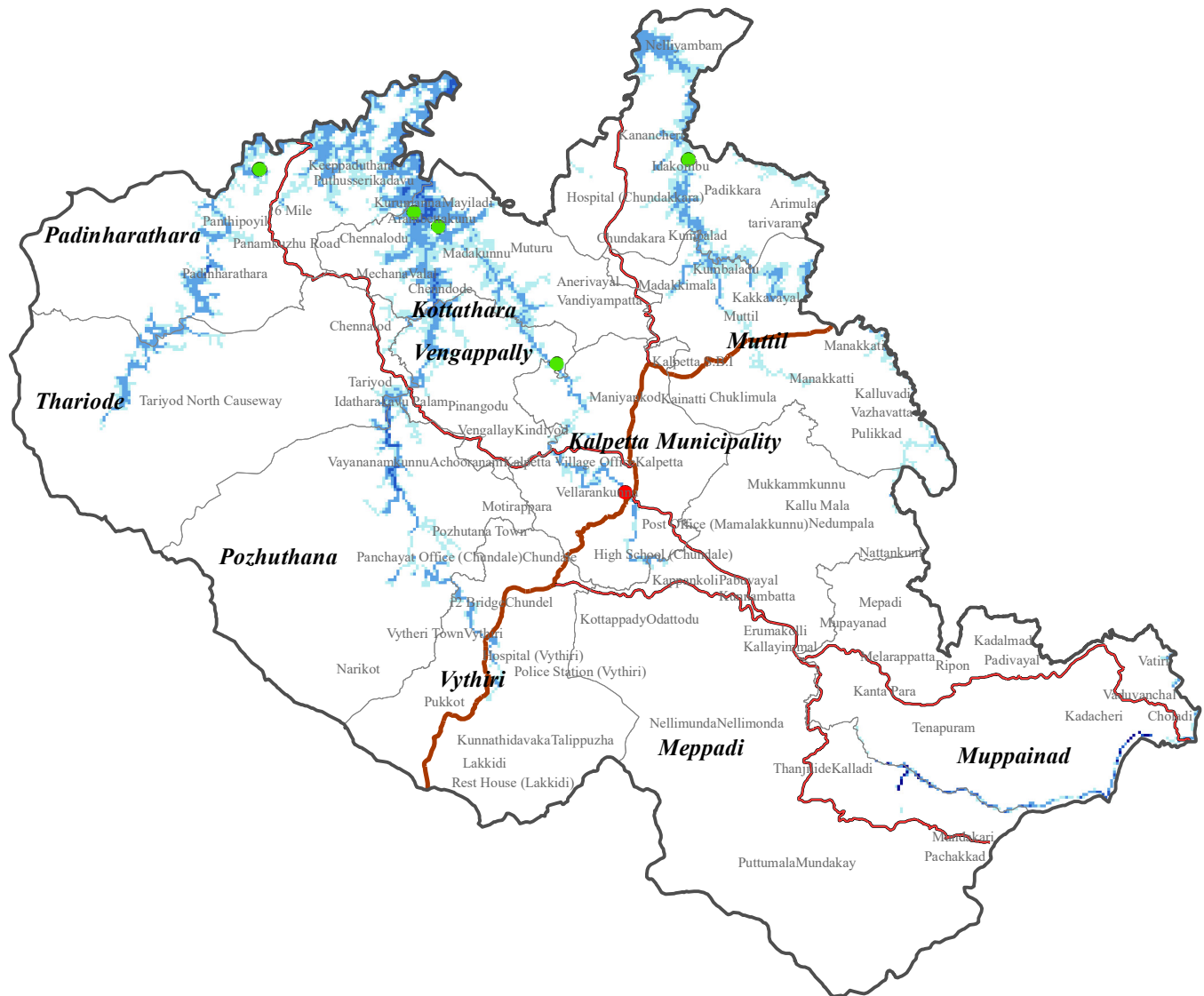
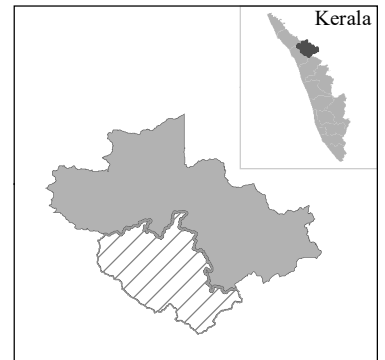
11°20'0"N

76°0'0"E

VYTHIRI TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 50 Year Return Probability)

N



Flood Water Level (m)



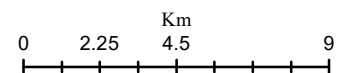
Legend

Taluk Boundary
Local Government

National Highway
State Highway

Govt Schools
Railway

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)

76°0'0"E

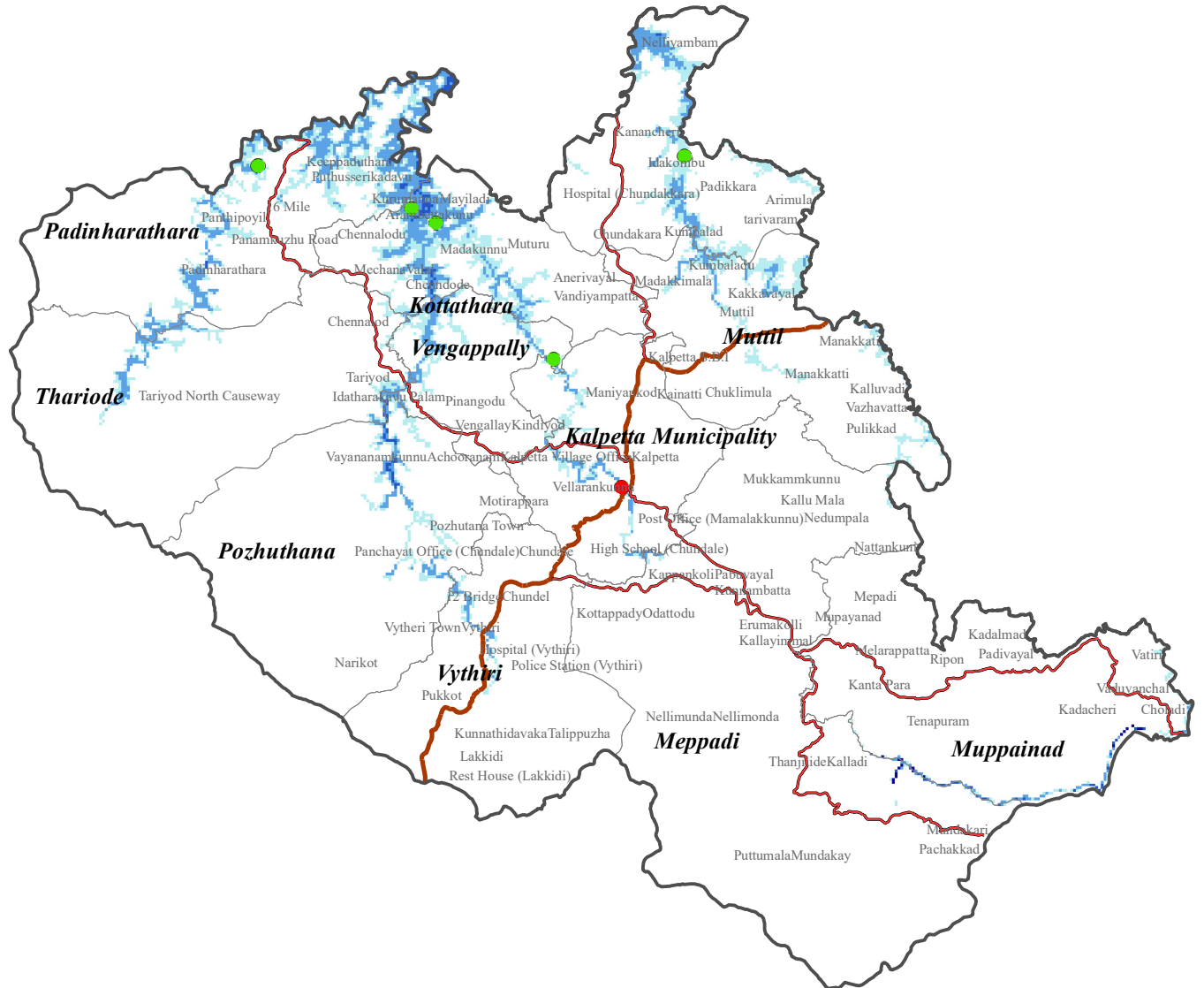
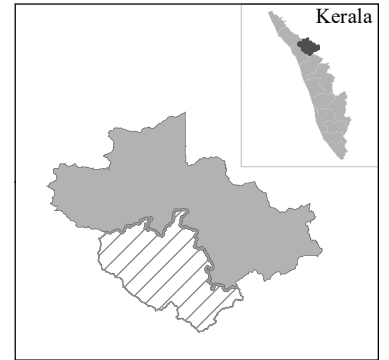
11°40'0"N

11°20'0"N

76°0'0"E

VYTHIRI TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 100 Year Return Probability)



Flood Water Level (m)



Legend

Taluk Boundary
Local Government

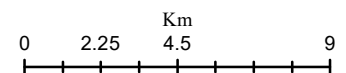
National Highway
State Highway

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)

76°0'0"E

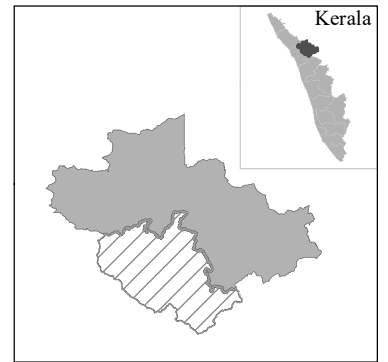
11°40'0"N

11°20'0"N

76°0'0"E

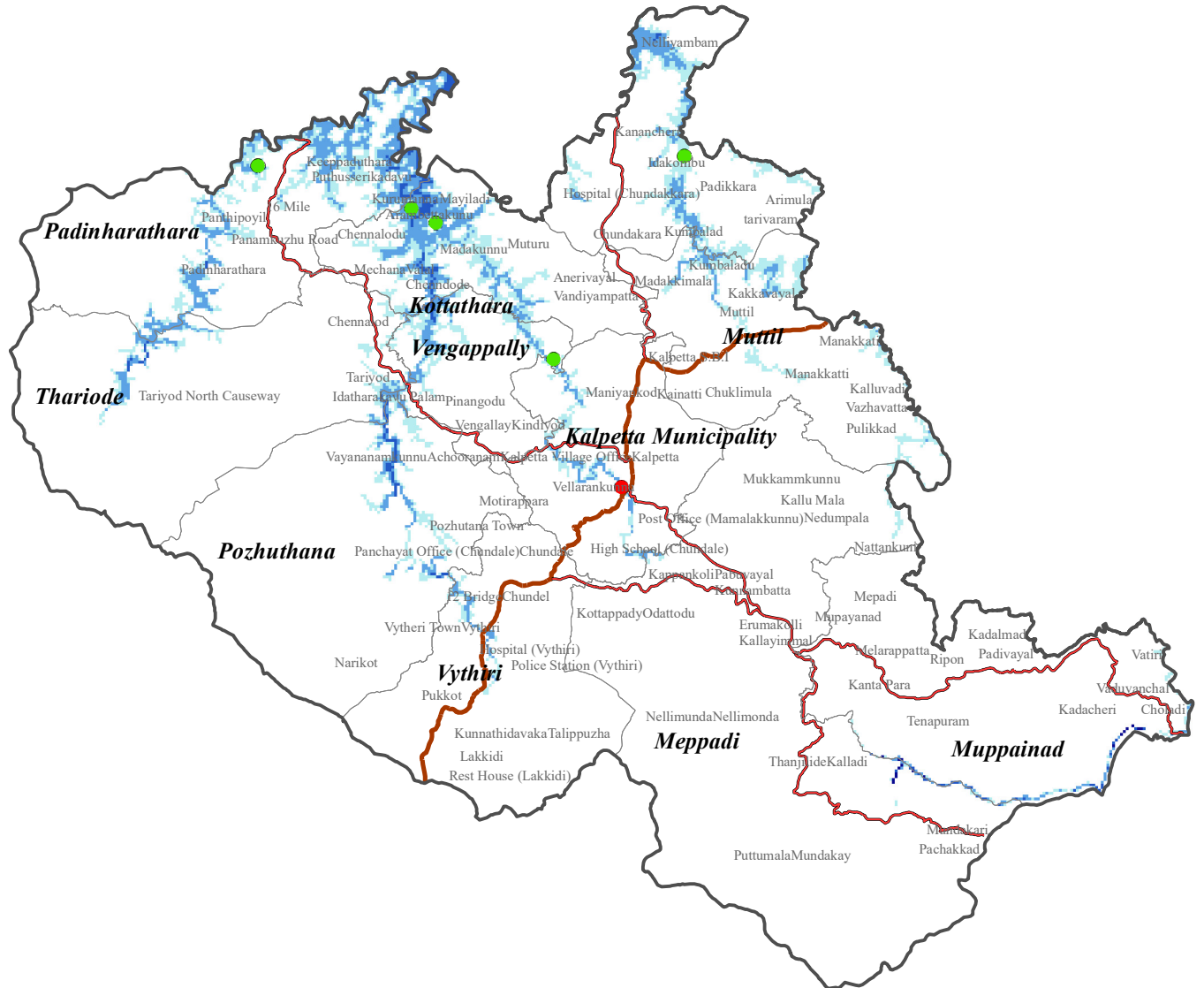
VYTHIRI TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 200 Year Return Probability)



11°40'0"N

11°40'0"N



11°20'0"N

Flood Water Level (m)



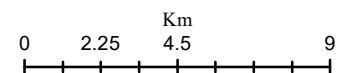
Legend

Taluk Boundary
Local Government

National Highway
State Highway

Govt Schools
Railway

Private Schools
Hospital



RISK LAB, KSEOC

Kerala State Disaster Management Authority
Thiruvananthapuram

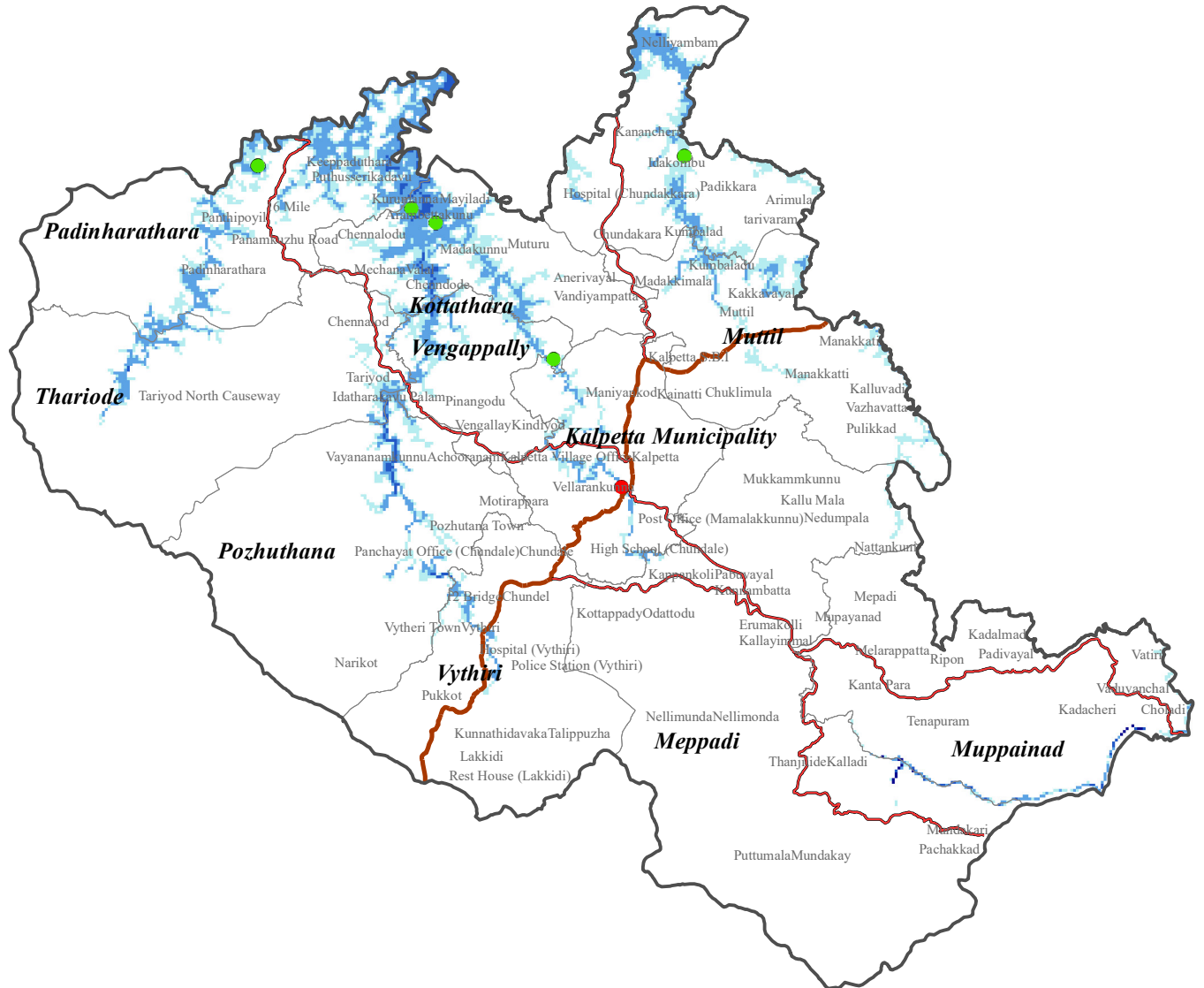
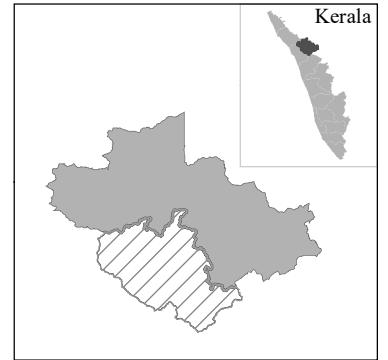
External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

76°0'0"E

VYTHIRI TALUK (WAYANAD DISTRICT)

Flood Inundation - RCP 8.5 Scenario (1 in 500 Year Return Probability)



Flood Water Level (m)



Legend

Taluk Boundary
Local Government

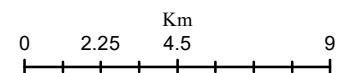
National Highway
State Highway

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)

76°0'0"E

11°40'0"N

11°20'0"N

[illegible]

WAYANAD DISTRICT						
VYTHIRI TALUK						
Name of exposed Hospital/School (LSG)	Return Probability (Climate Change Scenario - RCP 8.5)					
	1 in 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Kalpetta Municipality						
School						
G.L.P.S Kalpetta	✓	✓	✓	✓	✓	✓
Kaniyambetta						
School						
G M R S Kalpetta	✓	✓	✓	✓	✓	✓
Kottathara						
School						
G L P S Mechana	✓	✓	✓	✓	✓	✓
S A L P S Venniyode		✓	✓	✓	✓	✓
Padinharathara						
School						
Moonlight L P S Mundakutty	✓	✓	✓	✓	✓	✓
Vengappally						
School						
G W L P S Vengappally	✓	✓	✓	✓	✓	✓