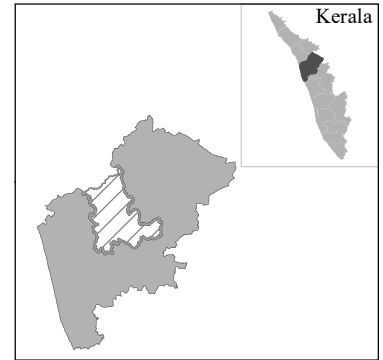


76°0'0"E

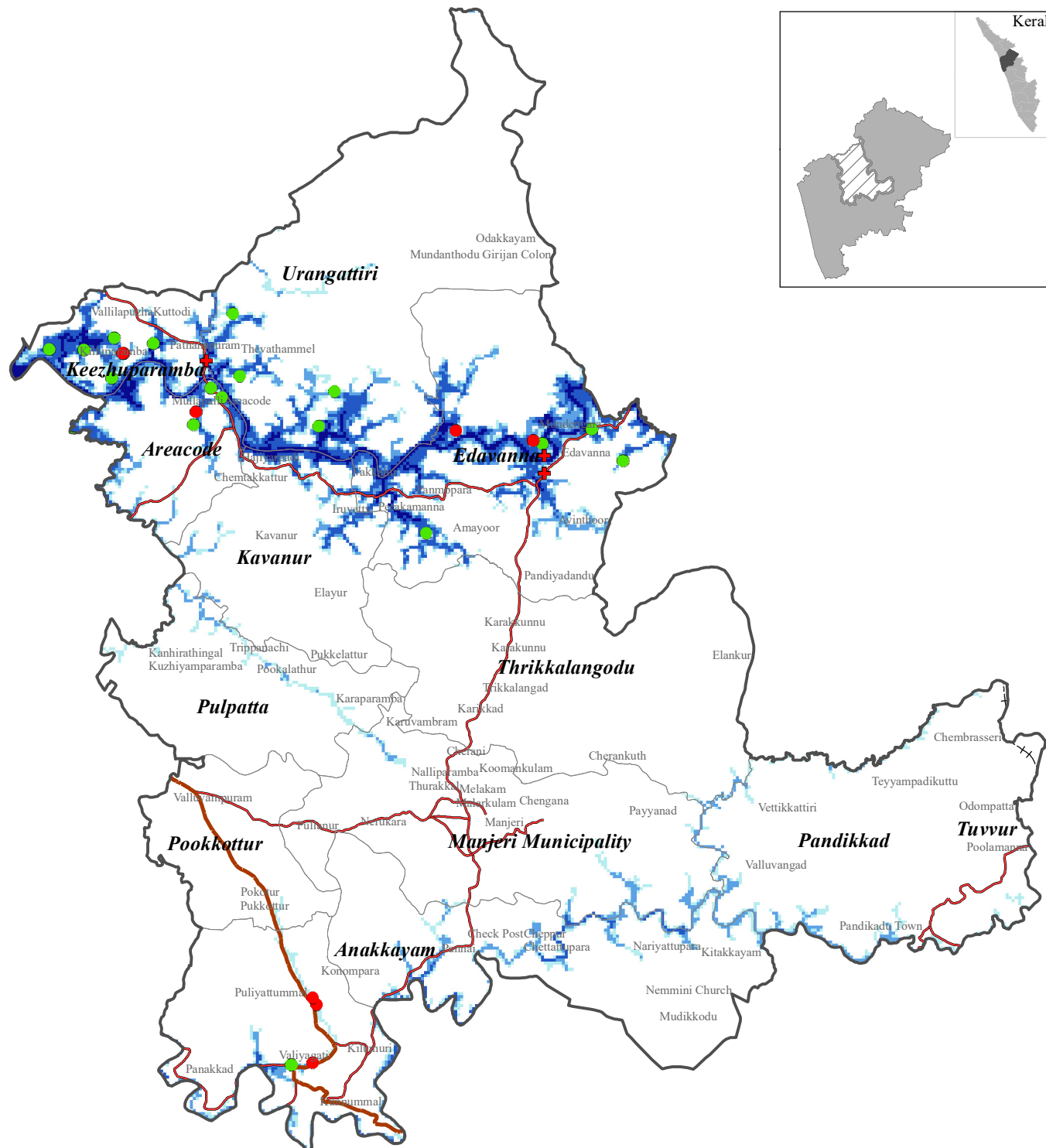
ERNAD TALUK (MALAPPURAM DISTRICT)

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



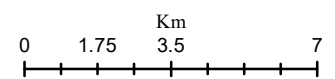
11°2'0"N

11°2'0"N



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
			Private Schools
			Hospital
			Railway
			Local Government

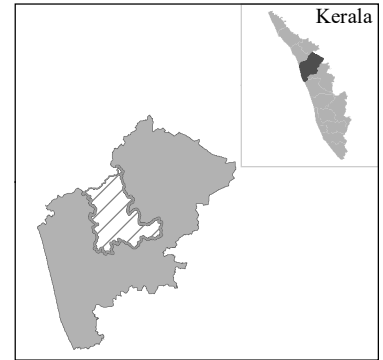
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

76°0'0"E

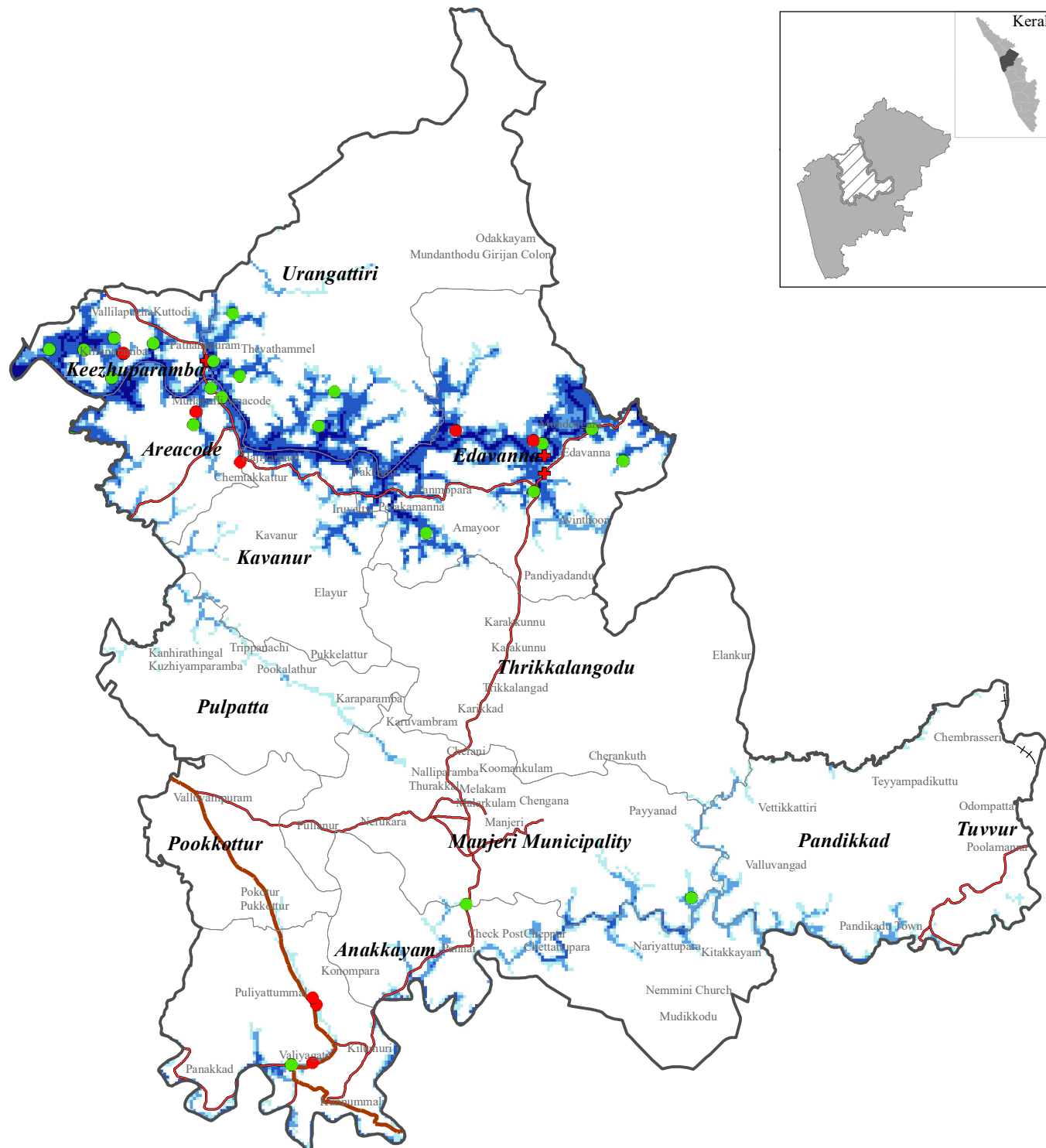
ERNAD TALUK (MALAPPURAM DISTRICT)

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



11°2'0"N

11°2'0"N

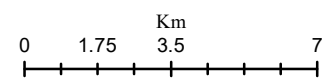


11°0'0"N

11°0'0"N

76°0'0"E

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

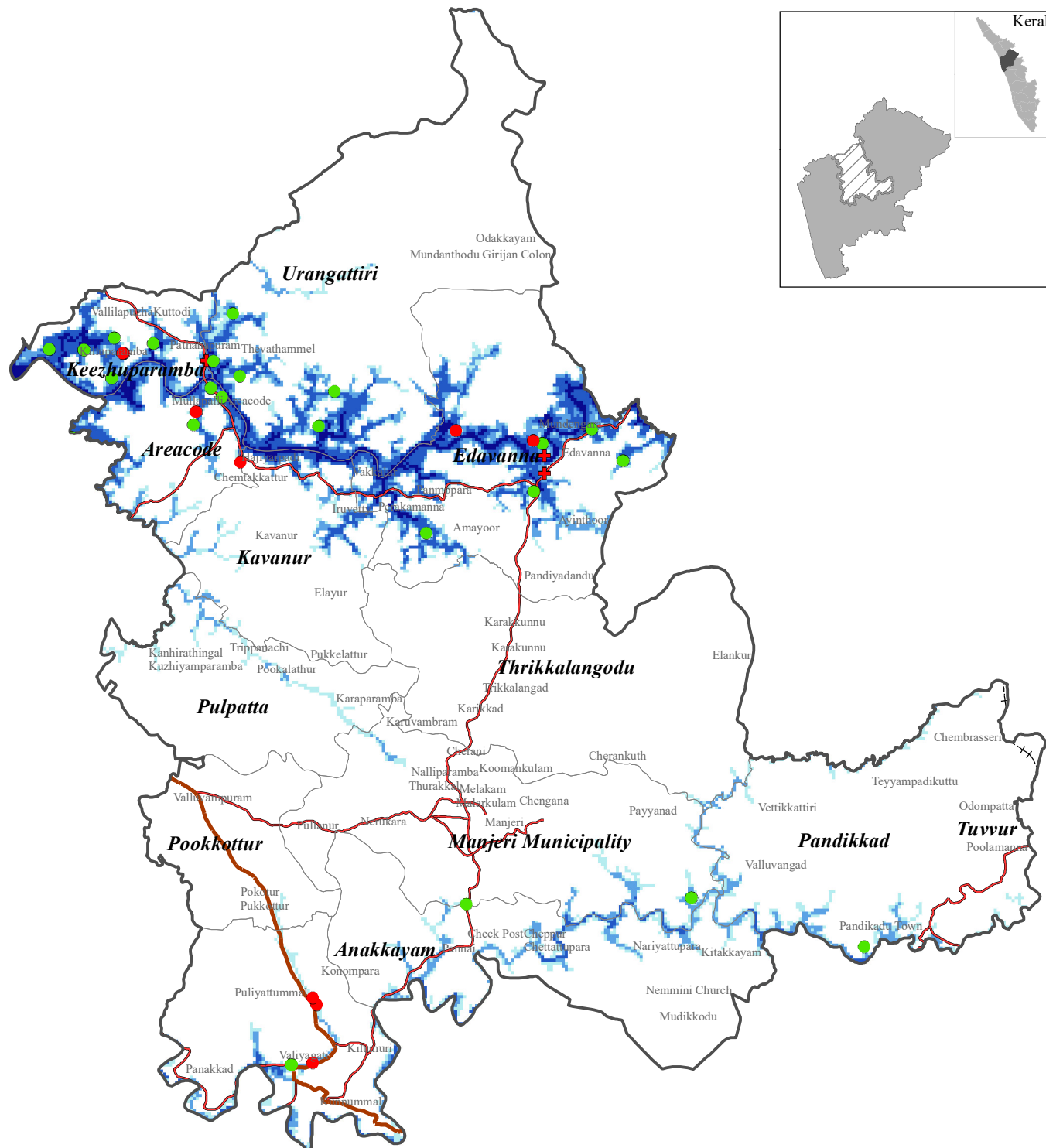
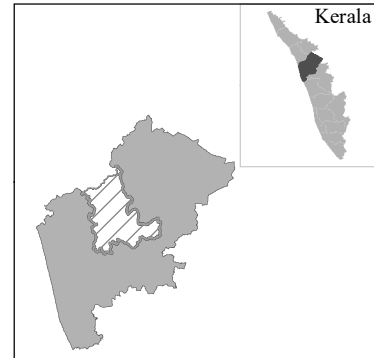


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76°0'0"E

ERNAD TALUK (MALAPPURAM DISTRICT)

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



11°0'0"N

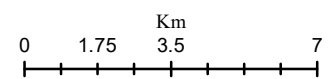
11°0'0"N

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



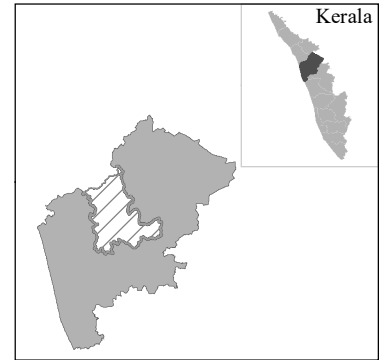
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 Thiruvananthapuram

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

76°0'0"E

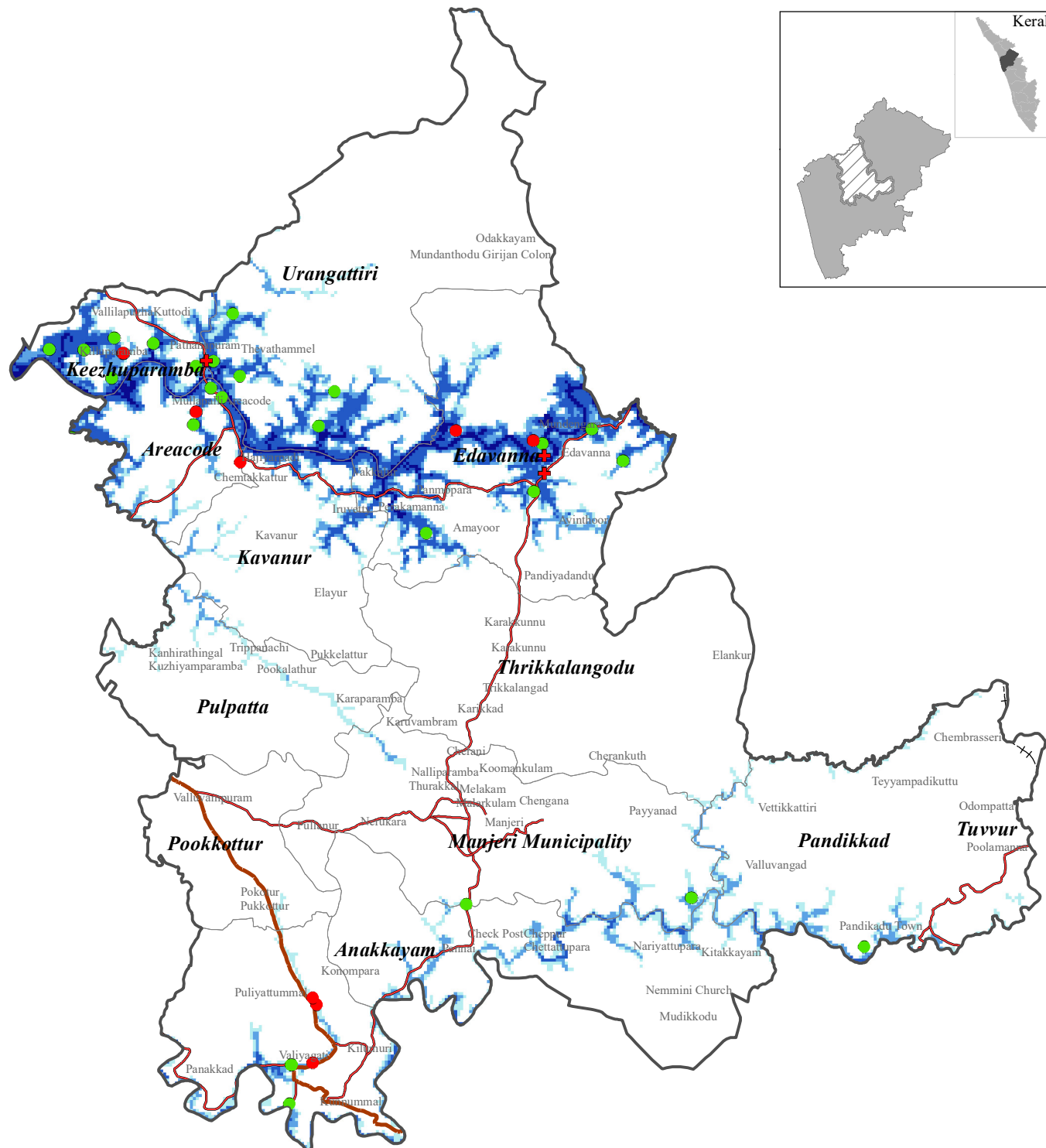
ERNAD TALUK (MALAPPURAM DISTRICT)

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



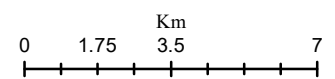
11°2'0"N

11°2'0"N



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
			Private Schools
			Hospital
			Railway
			Local Government

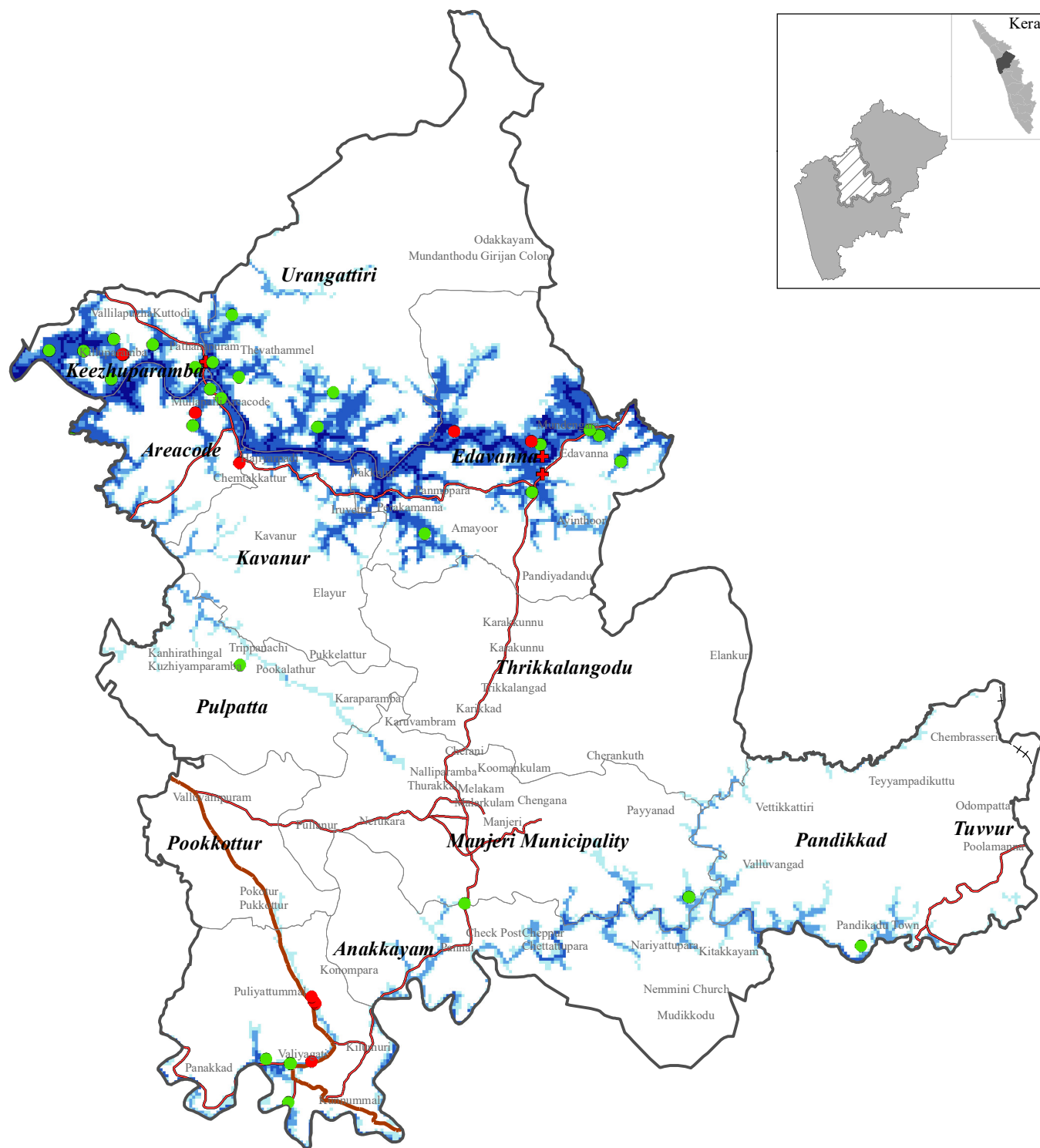
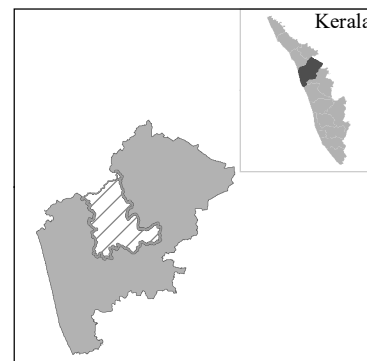
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 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

76°0'0"E

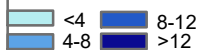
ERNAD TALUK (MALAPPURAM DISTRICT)

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



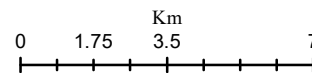
76°0'0"E

Flood Water Level (m)



Legend

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



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Kerala State Disaster Management Authority
Thiruvananthapuram

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

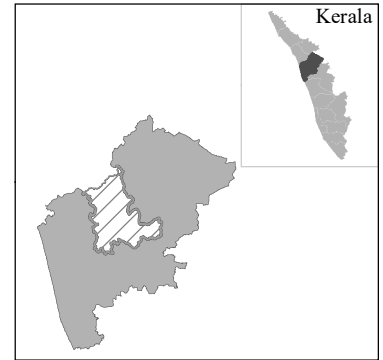
11°20'0"N

11°0'0"N

76°0'0"E

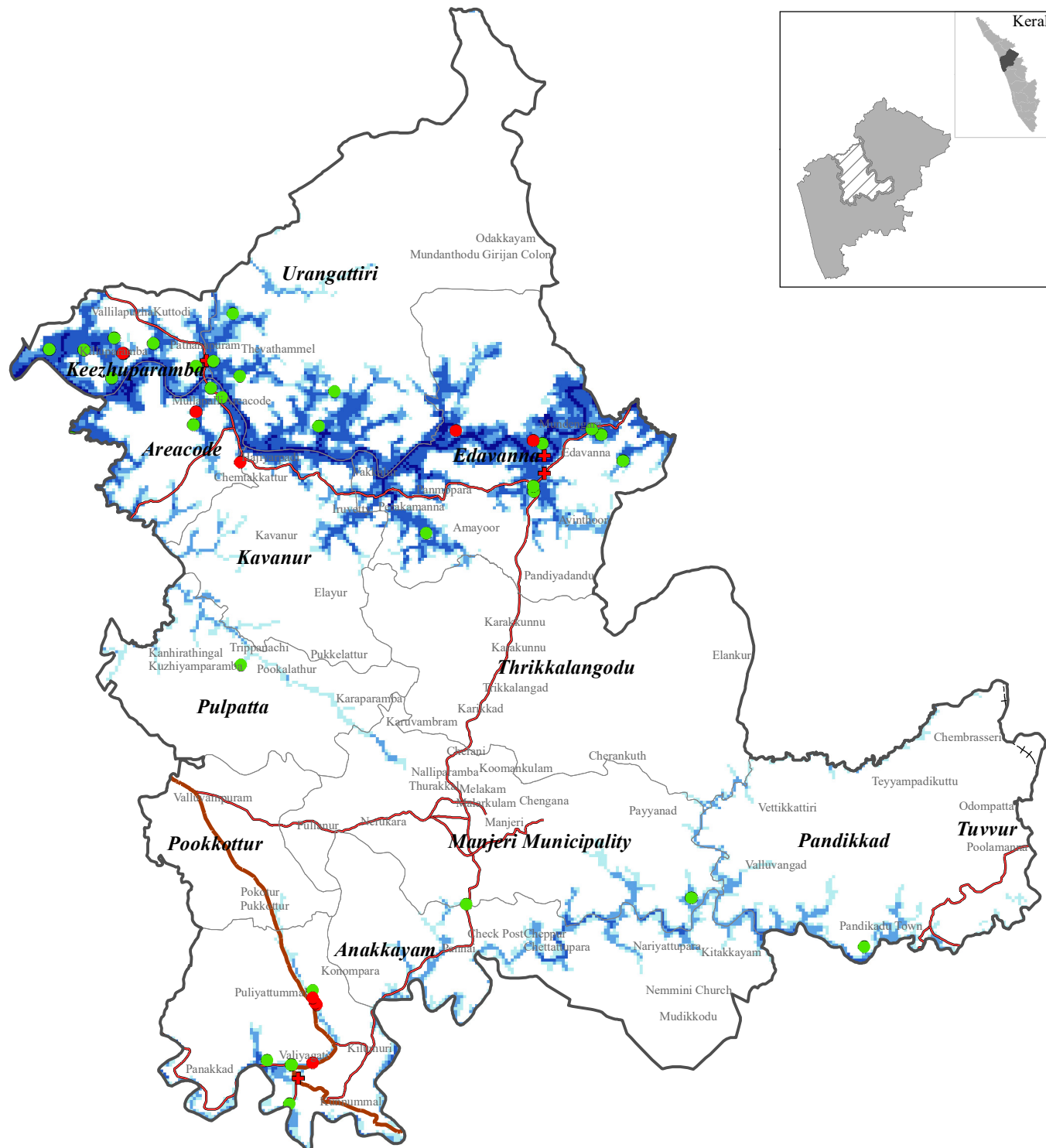
ERNAD TALUK (MALAPPURAM DISTRICT)

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



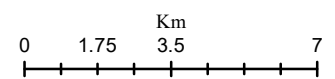
11°2'0"N

11°2'0"N



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
			Hospital
			Railway

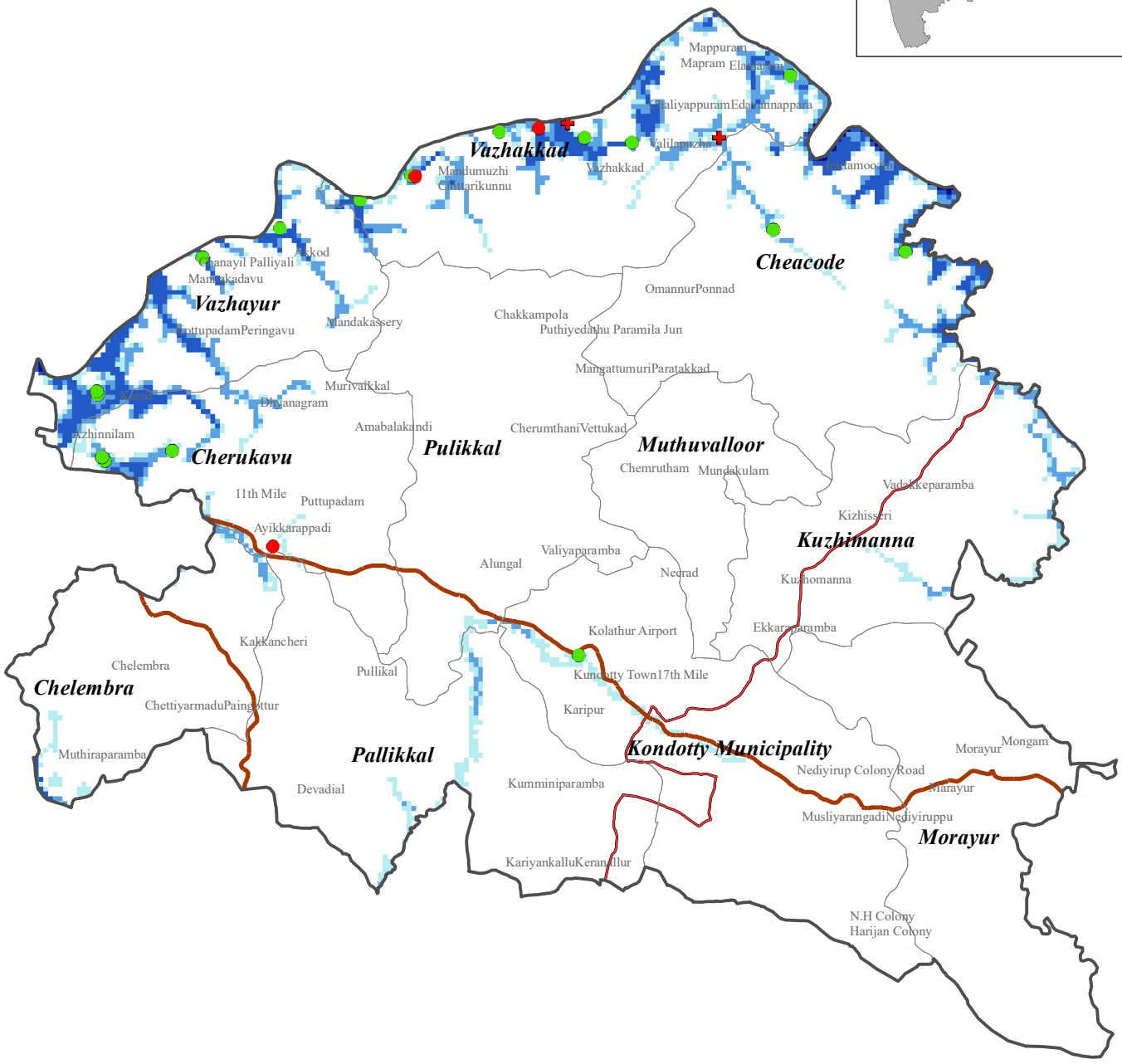
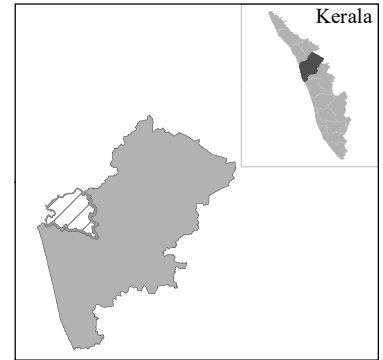
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 Thiruvananthapuram
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 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°0'0"E

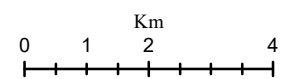
MALAPPURAM DISTRICT						
ERNAD TALUK						
Name of exposed Hospital/School (LSG)	Return Probability (Climate Change Scenario - RCP 8.5)					
	1 in 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Anakkayam						
School						
A.M.L.P.S. Muttipalam		✓	✓	✓	✓	✓
Areacode						
School						
ALPS North Kozhakottur	✓	✓	✓	✓	✓	✓
G.M.U.P.S Areacode	✓	✓	✓	✓	✓	✓
GmLPS Areacode West	✓	✓	✓	✓	✓	✓
GmUPS Areacode	✓	✓	✓	✓	✓	✓
Edavanna						
Hospital						
EMC Hospital Edavanna	✓	✓	✓	✓	✓	✓
Rajagiri Hospitaleedavanna	✓	✓	✓	✓	✓	✓
School						
A.L.P.S. Kandalapetta	✓	✓	✓	✓	✓	✓
A.M.U.P.S. Kunduthode	✓	✓	✓	✓	✓	✓
G.L.P.S. Chalippadam	✓	✓	✓	✓	✓	✓
G.M.L.P.S Edavanna	✓	✓	✓	✓	✓	✓
G.M.L.P.S. Eranhikode					✓	✓
G.M.L.P.S. Mundengara	✓	✓	✓	✓	✓	✓
G.M.U.P.S Perkamanna	✓	✓	✓	✓	✓	✓
I O L P S Edavanna		✓	✓	✓	✓	✓
I.O.H.S. Edavanna						✓
Keezhuparamba						
School						
AmLPS Kallingal	✓	✓	✓	✓	✓	✓
G L P S Pathanapuram				✓	✓	✓
G L P S West Pathanapuram	✓	✓	✓	✓	✓	✓
G.L.P.S Kuniyil South	✓	✓	✓	✓	✓	✓
GLPS Kuniyil South	✓	✓	✓	✓	✓	✓
GmLPS Kizhuparamba	✓	✓	✓	✓	✓	✓
MkkhmaUPS Pathanapuram	✓	✓	✓	✓	✓	✓
Malappuram Municipality						
Hospital						
THQH Malappuram						✓
School						
A.L.P.S. NoorangaLMukku	✓	✓	✓	✓	✓	✓

A.M.L.P.S. Mailappuram				✓	✓	✓
A.M.L.P.S. Puthiyamaliyekkal					✓	✓
G.L.P.S Malappuram	✓	✓	✓	✓	✓	✓
G.L.P.S Melmuri North	✓	✓	✓	✓	✓	✓
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.M.E.T.H.S MeLMuri						✓
M.U.A.U.P.S. Panakkad	✓	✓	✓	✓	✓	✓
Manjeri Municipality						
School						
G V H S S Nellikuth		✓	✓	✓	✓	✓
Pandikkad						
School						
G.L.P.S. Valarad			✓	✓	✓	✓
Pulpatta						
School						
AmLPS Muthanoor					✓	✓
Urangattiri						
Hospital						
Alnas Hospital Pathanapuram Areacod	✓	✓	✓	✓	✓	✓
School						
ALPS Urangattiri	✓	✓	✓	✓	✓	✓
ALPS Vadakkumuri	✓	✓	✓	✓	✓	✓
AmUPS Therattammal		✓	✓	✓	✓	✓
GLPS Kuthuparamba	✓	✓	✓	✓	✓	✓
S S H S S Moorkanad	✓	✓	✓	✓	✓	✓

KONDOTTY TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 10 Year Return Probability)



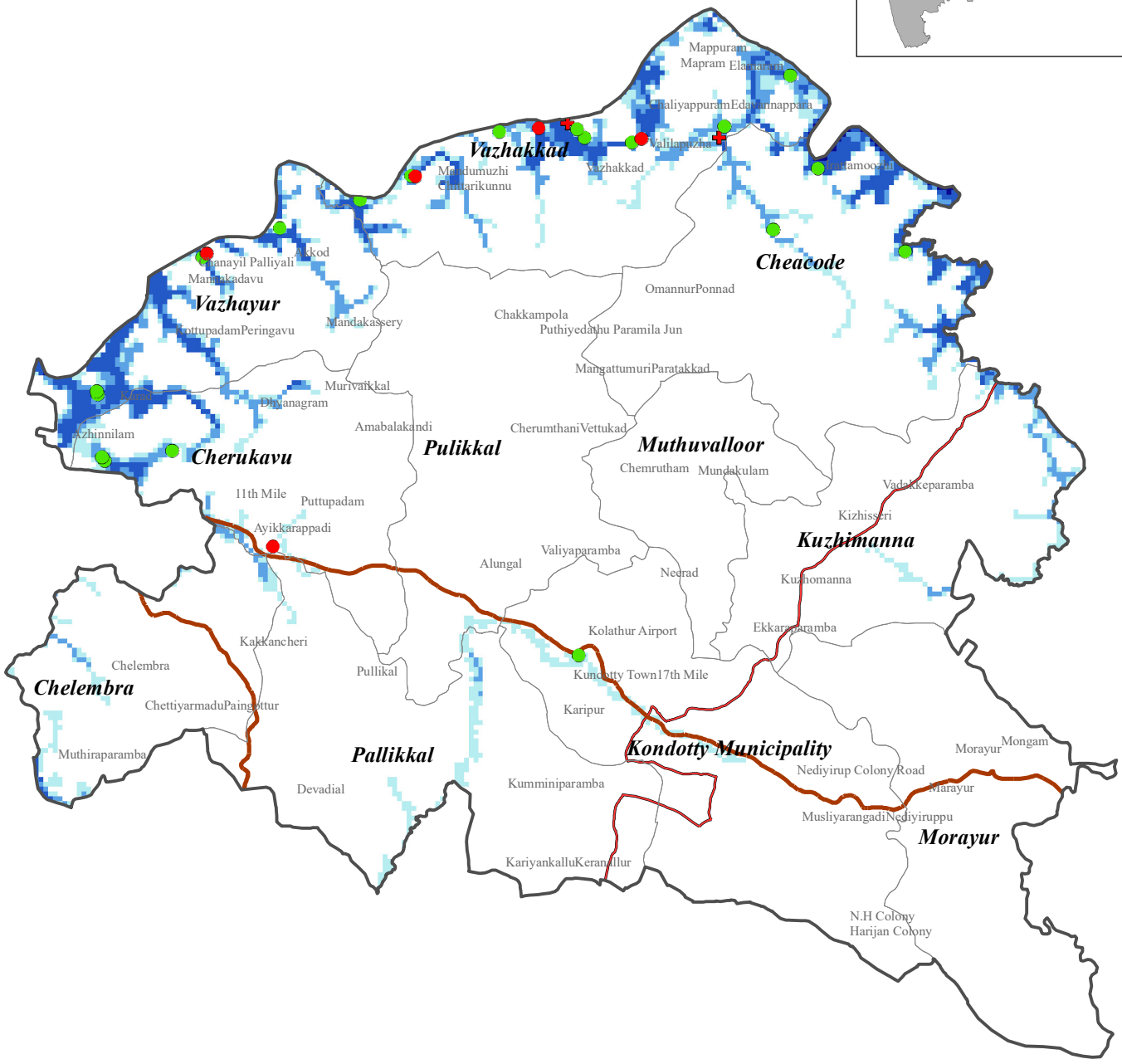
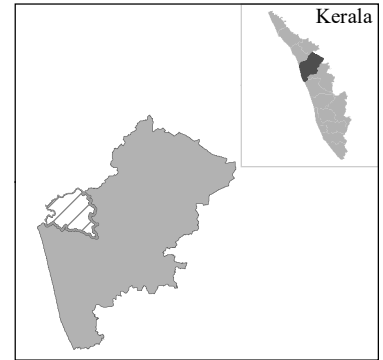
Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
			Private Schools
			Railway
			Hospital



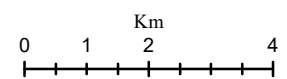
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 Kerala State Disaster Management Authority
 Thiruvananthapuram

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

KONDOTTY TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 25 Year Return Probability)

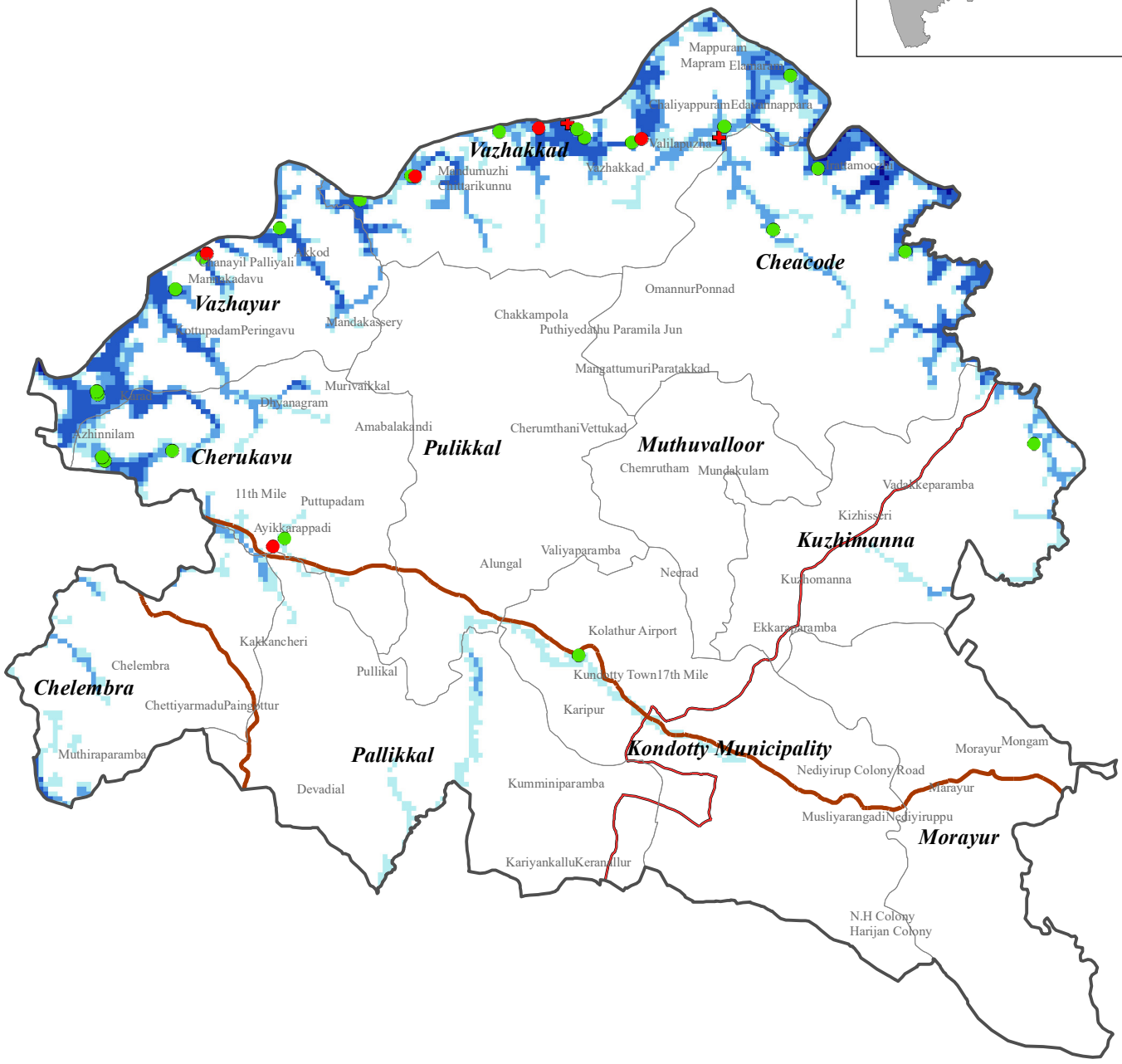
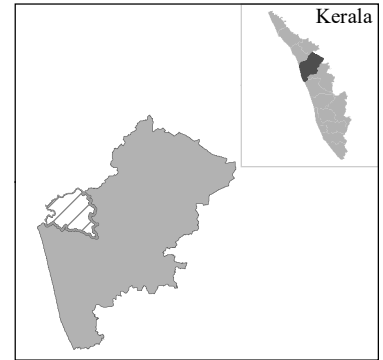


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Local Government
			Govt Schools
			Private Schools
			Railway
			Hospital

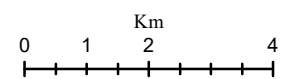


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KONDOTTY TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 50 Year Return Probability)

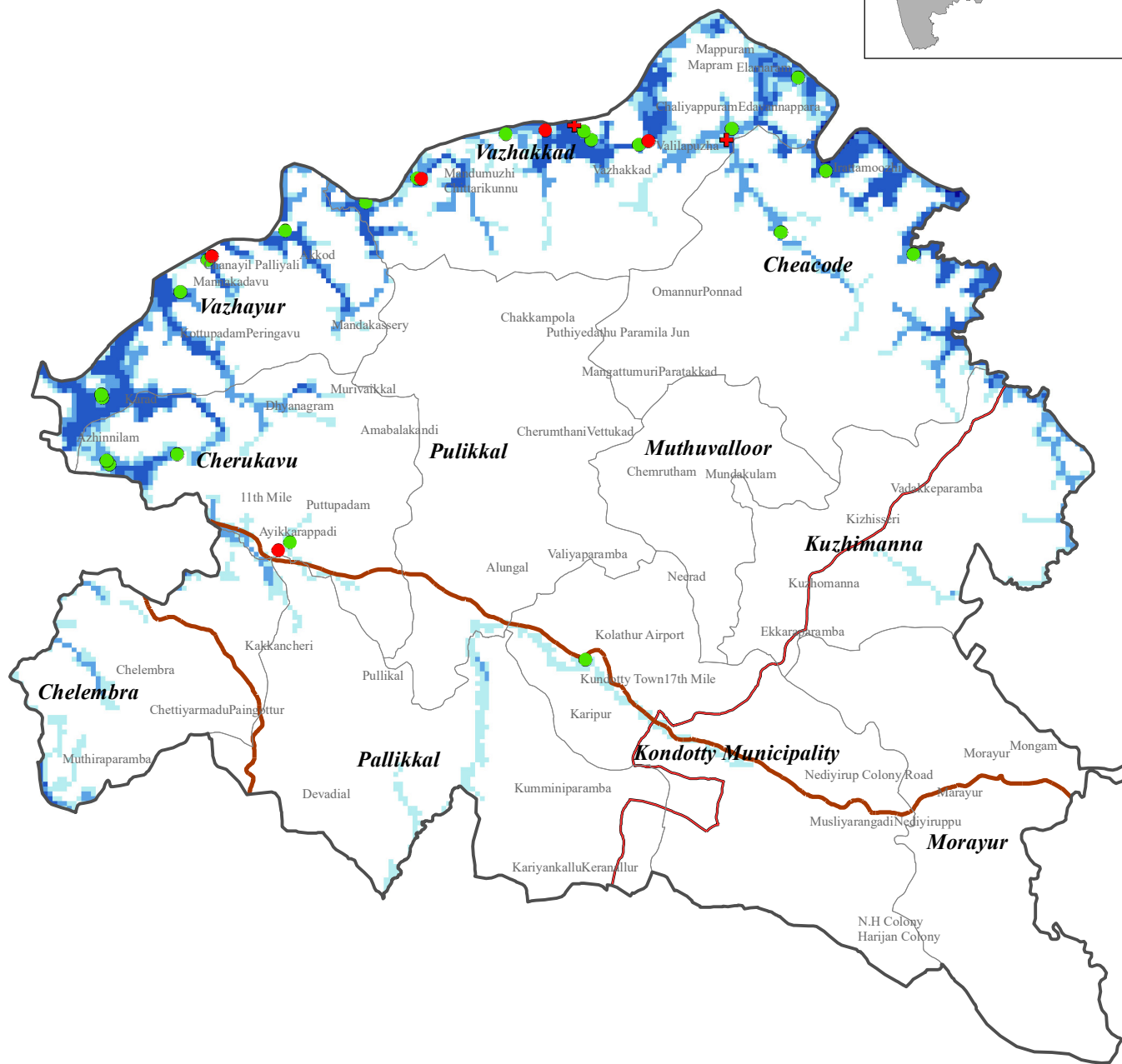
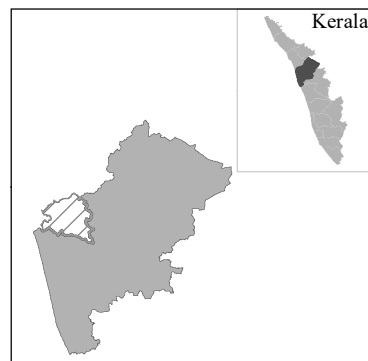


Flood Water Level (m)		Legend			
	<4		Taluk Boundary		Govt Schools
	4-8		National Highway		Private Schools
	8-12		State Highway		Railway
	>12		Local Government		Hospital



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KONDOTTY TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 100 Year Return Probability)

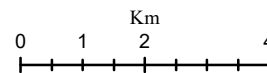


Flood Water Level (m)



Legend

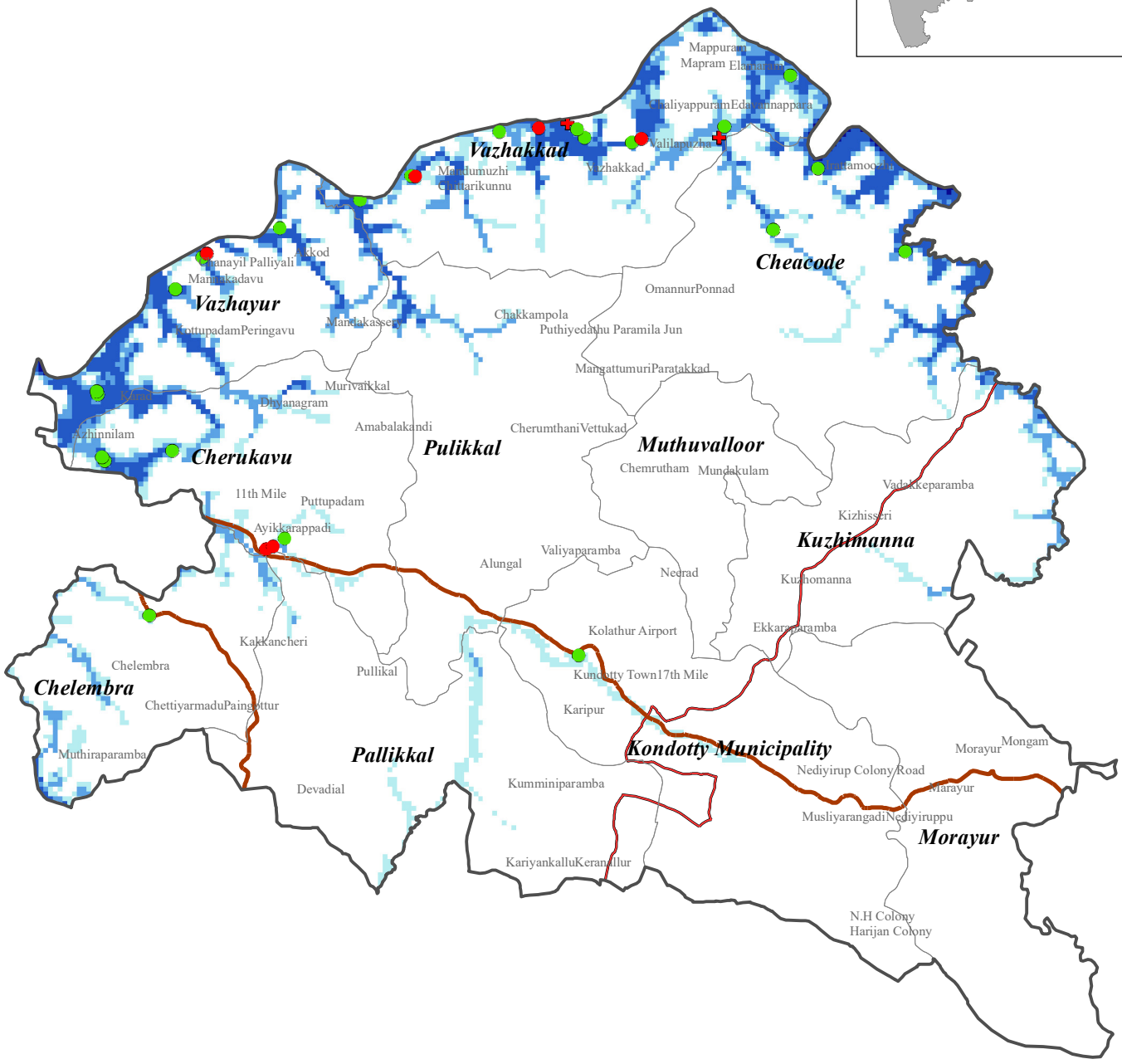
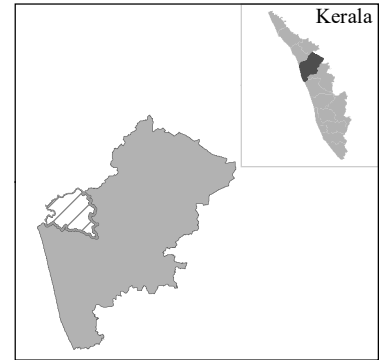
- Taluk Boundary
- National Highway
- Govt Schools
- Private Schools
- State Highway
- Railway
- Hospital
- Local Government



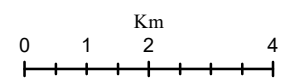
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Thiruvananthapuram

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

KONDOTTY TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 200 Year Return Probability)

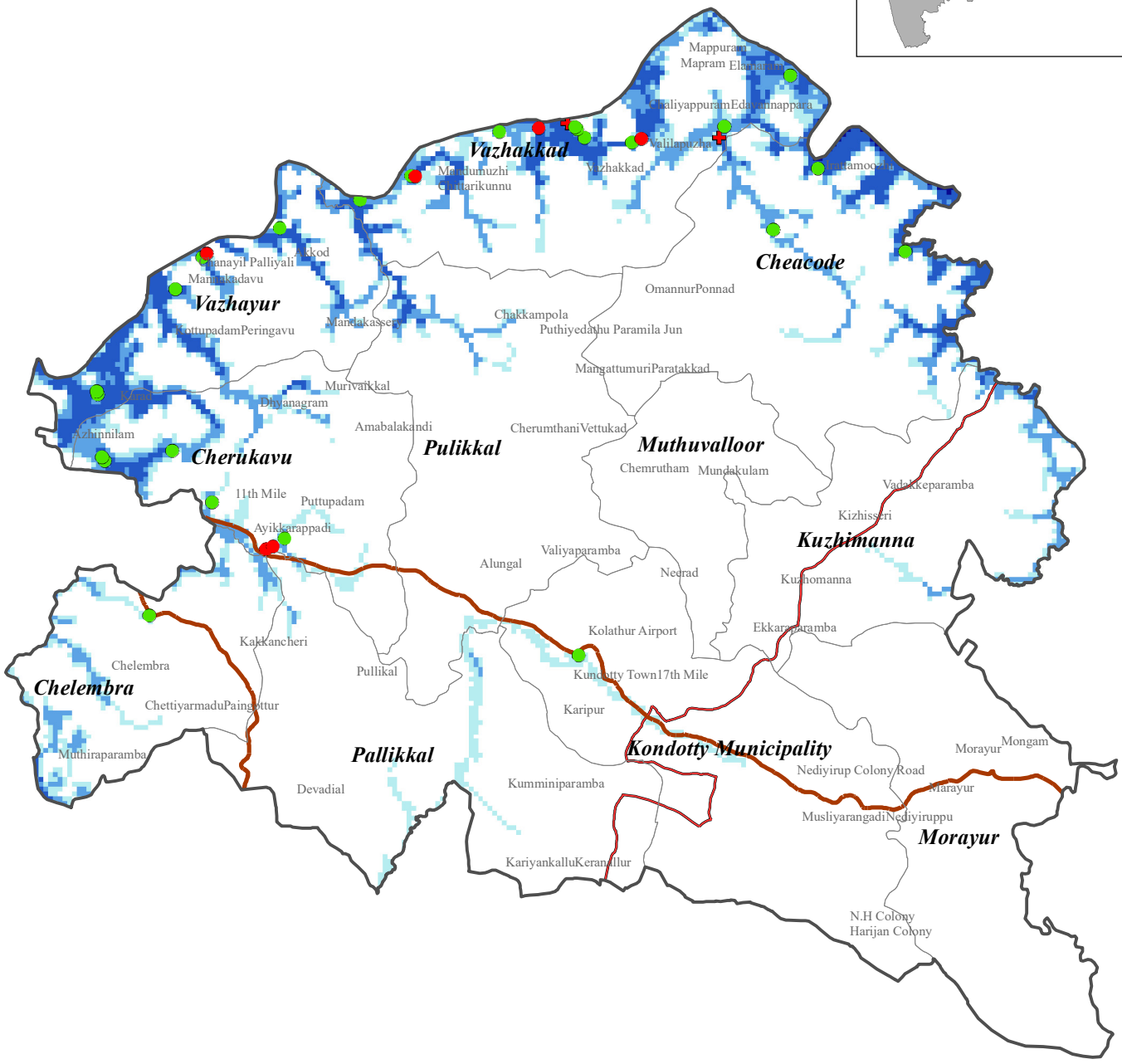
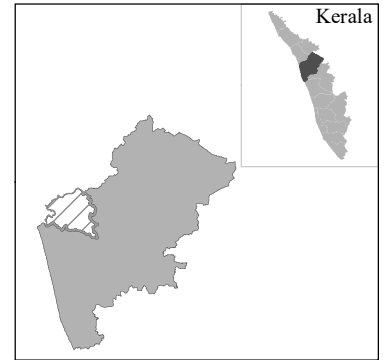


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Local Government
			Govt Schools
			Private Schools
			Railway
			Hospital

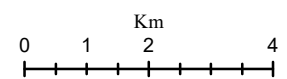


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KONDOTTY TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 500 Year Return Probability)



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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 Thiruvananthapuram

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

MALAPPURAM DISTRICT						
KONDOTTY 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
Cheacode						
School						
AmLPS Vavoor		✓	✓	✓	✓	✓
GLPS Vilayil	✓	✓	✓	✓	✓	✓
GUPS Cheacode	✓	✓	✓	✓	✓	✓
Chelembra						
School						
A. M. M. A. M. U. P. S. Chelupadam					✓	✓
Cherukavu						
School						
A.L.P.B.S Parammal Azhinhilam	✓	✓	✓	✓	✓	✓
A.M.L.P.S. Puthupadam			✓	✓	✓	✓
B.T.M. A.M.U.P.S. Pengad						✓
G.L.P.S. Puthucode	✓	✓	✓	✓	✓	✓
I. E. M. L. P. S. Thumbapadam	✓	✓	✓	✓	✓	✓
Kondotty Municipality						
School						
G.L.P.S. Thurakkal	✓	✓	✓	✓	✓	✓
Kuzhimanna						
School						
PmsaptmaLPS Chirappalam			✓	✓	✓	✓
Vazhakkad						
Hospital						
Ashi Hospital Edavanappara	✓	✓	✓	✓	✓	✓
Iqra Hospital Vazhakkad	✓	✓	✓	✓	✓	✓
School						
A.M.U.P.S. Akkode Virippadam	✓	✓	✓	✓	✓	✓
G.H.S Chaliyapuram		✓	✓	✓	✓	✓
G.H.S. Chaliyappuram		✓	✓	✓	✓	✓
G.H.S.S Vazhakkad		✓	✓	✓	✓	✓
G.L.P.S. Mundumuzhi	✓	✓	✓	✓	✓	✓
G.L.P.S. Vettathur	✓	✓	✓	✓	✓	✓
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. Iyyathingal	✓	✓	✓	✓	✓	✓
A.U.P.S. Azhinhilam	✓	✓	✓	✓	✓	✓
G.L.P.S Karad		✓	✓	✓	✓	✓
G.M.L.P.S. Vazhayur	✓	✓	✓	✓	✓	✓
Padma A.L.P.S. Ponnempadam			✓	✓	✓	✓

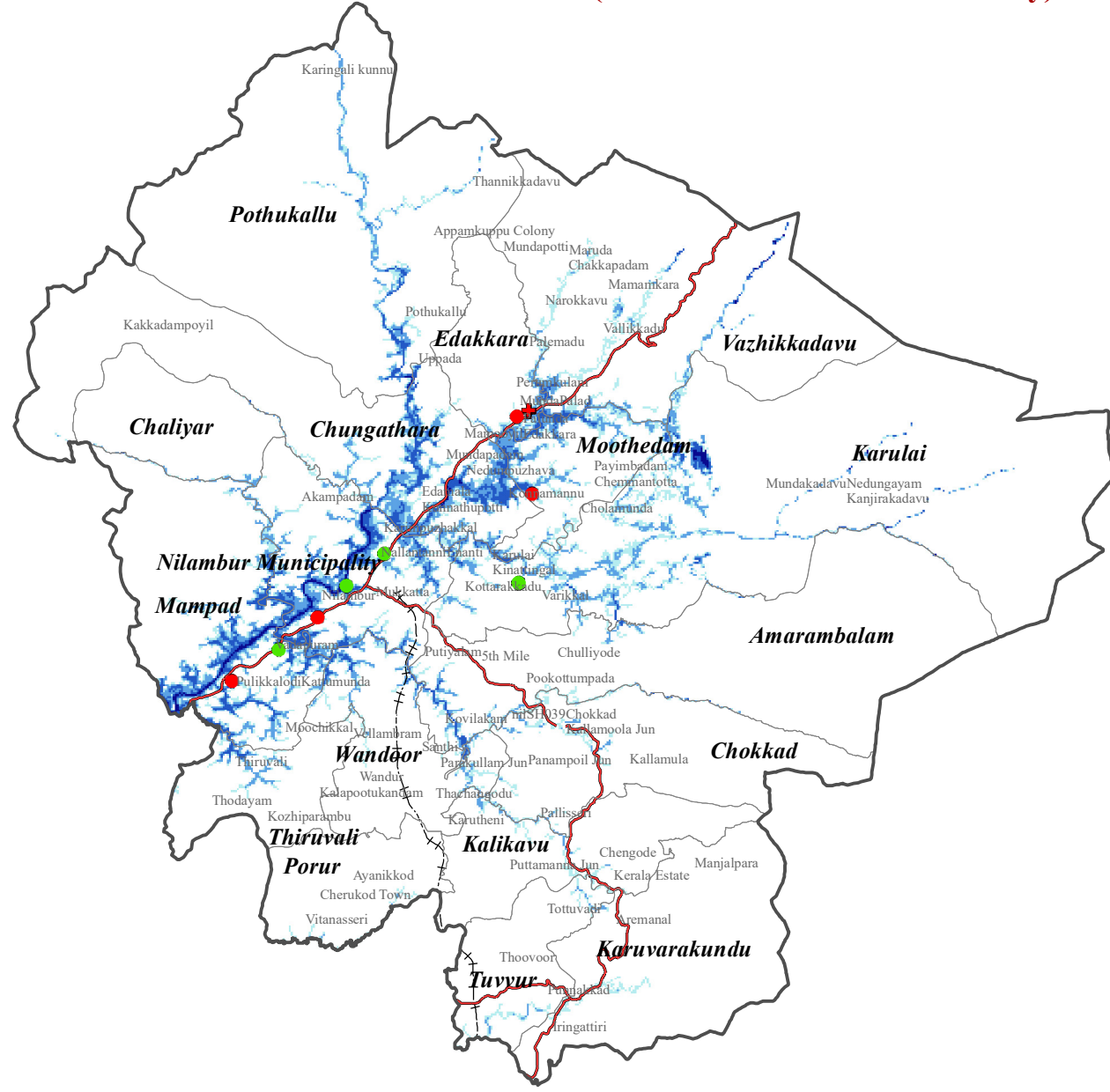
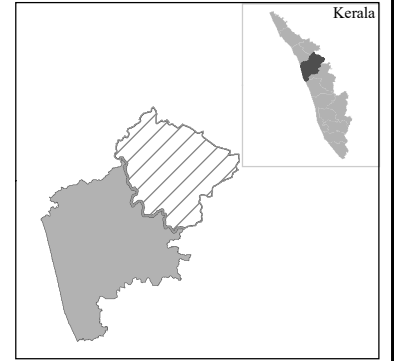
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

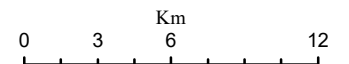
Flood Inundation - RCP 8.5 Scenario (1 in 10 Year Return Probability)



11°20'0"N

11°20'0"N

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

76°0'0"E

76°20'0"E

76°40'0"E

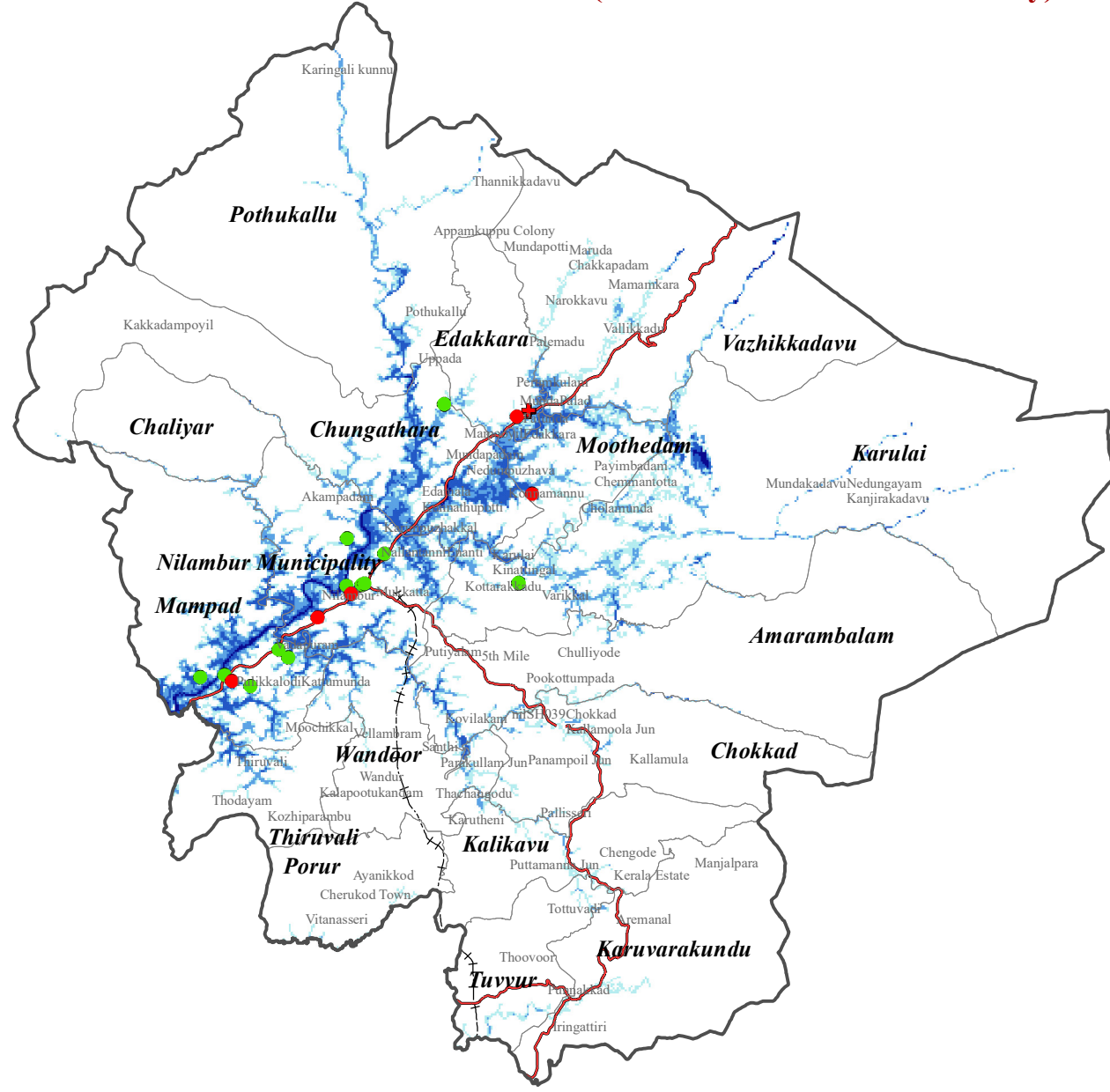
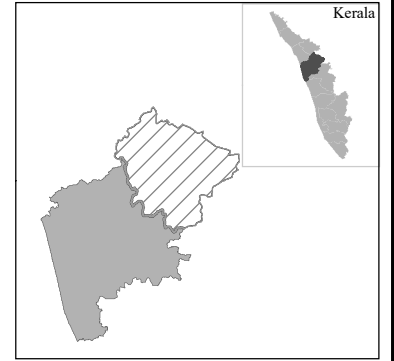
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

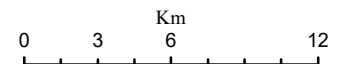
Flood Inundation - RCP 8.5 Scenario (1 in 25 Year Return Probability)



11°20'0"N

11°20'0"N

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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76°0'0"E

76°20'0"E

76°40'0"E

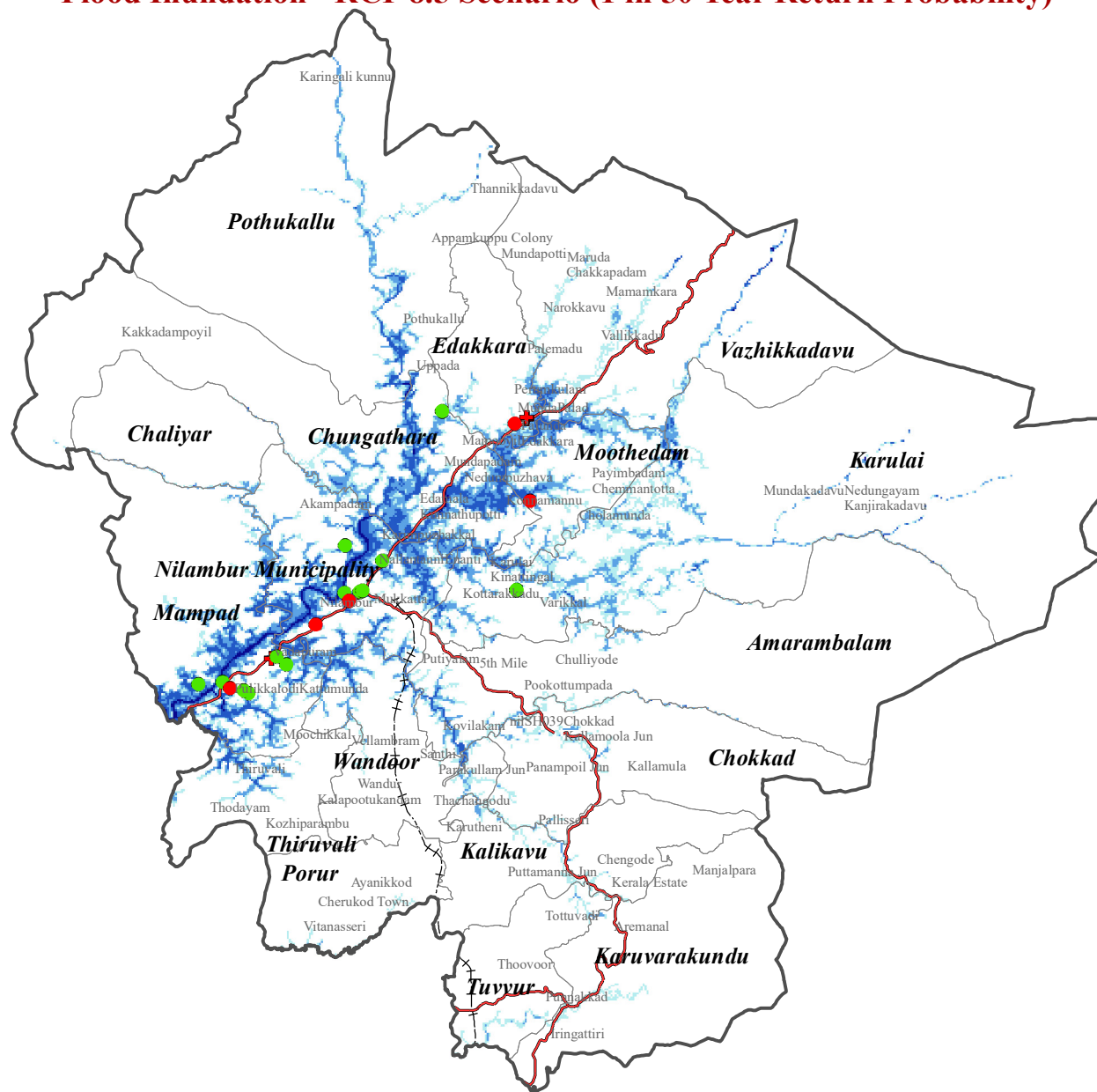
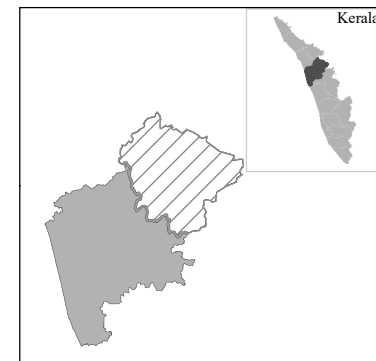
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

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



11°20'0"N

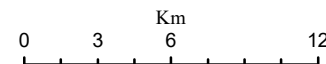
11°20'0"N

Flood Water Level (m)



Legend

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



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76°0'0"E

76°20'0"E

76°40'0"E

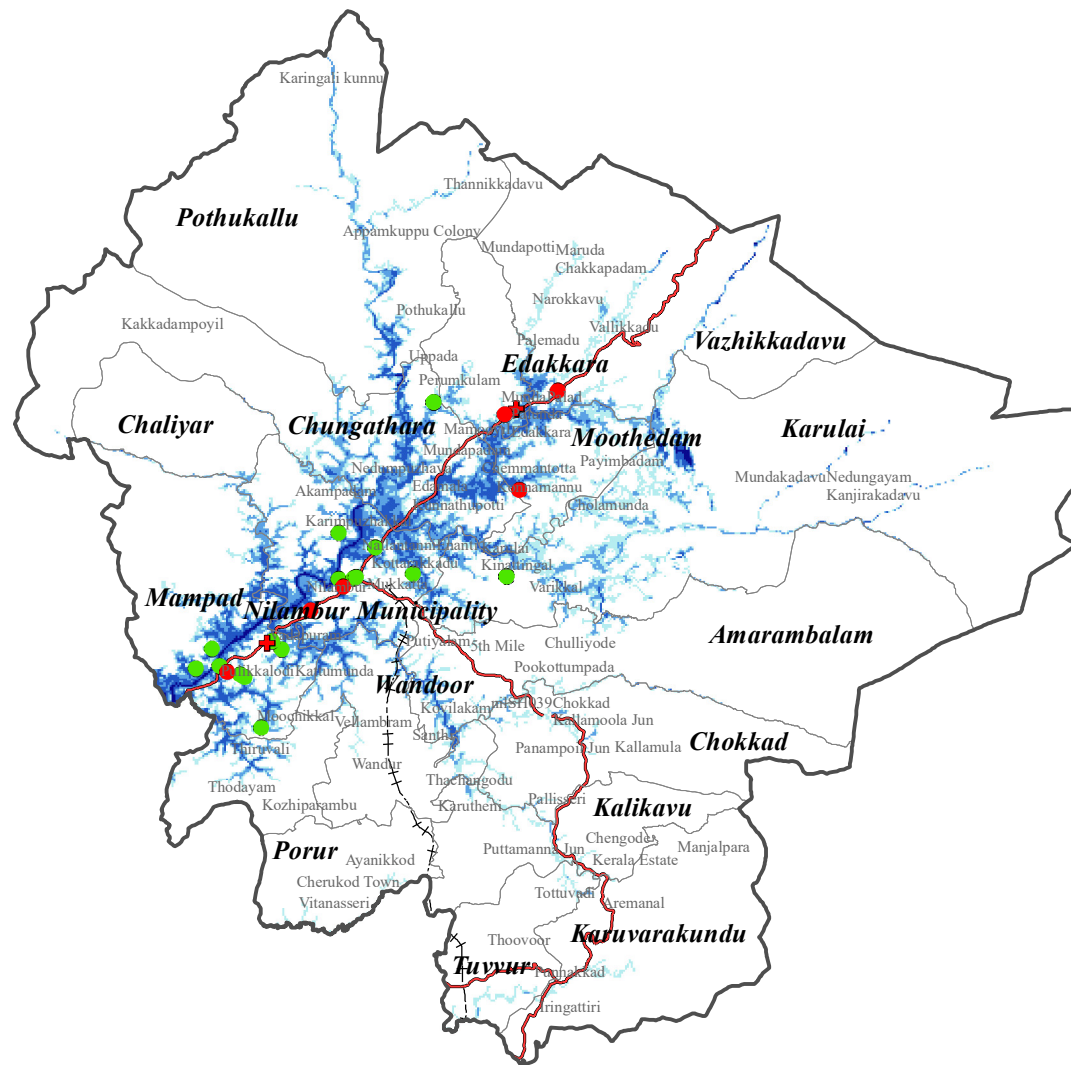
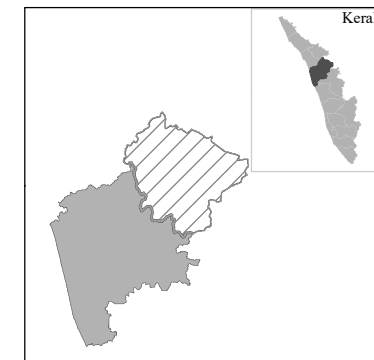
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

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



11°20'0"N

11°20'0"N

11°0'0"N

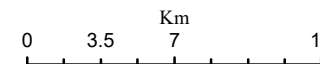
11°0'0"N

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

76°0'0"E

76°20'0"E

76°40'0"E



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

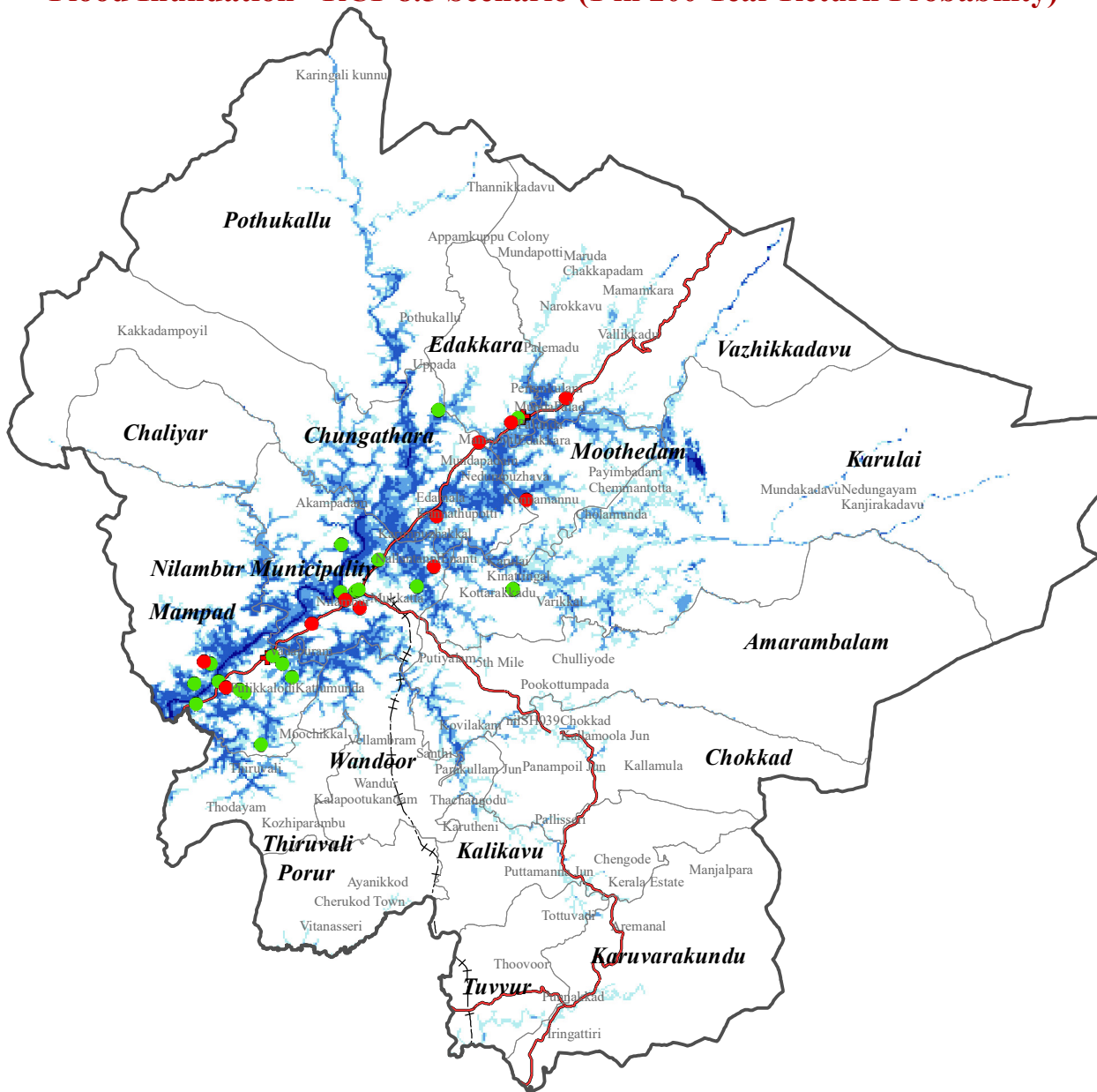
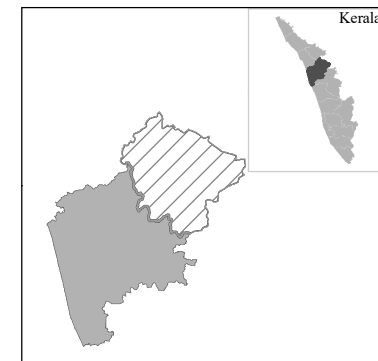
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

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



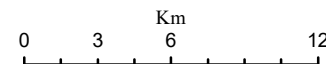
11°20'0"N

11°20'0"N

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 |



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76°0'0"E

76°20'0"E

76°40'0"E

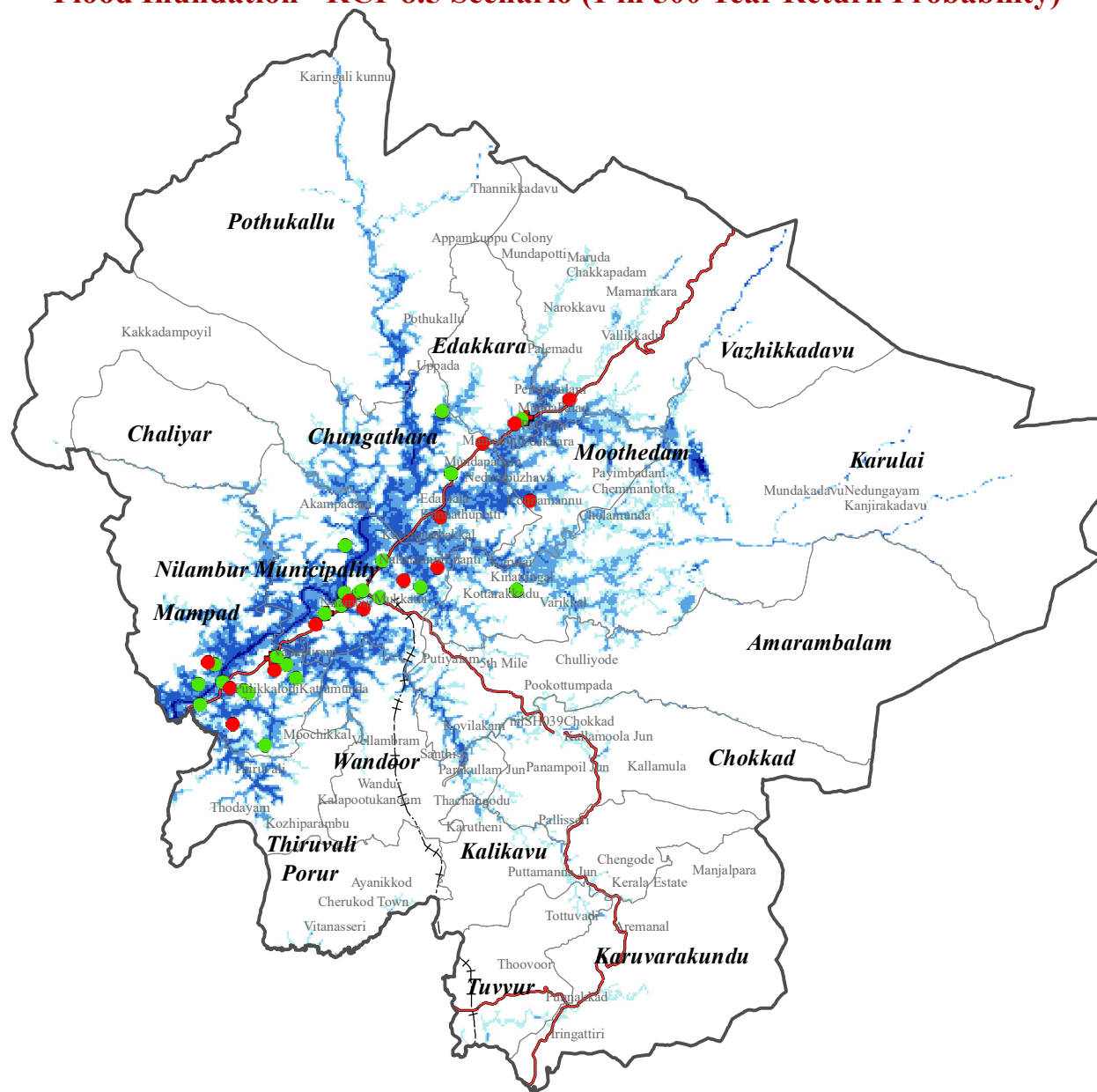
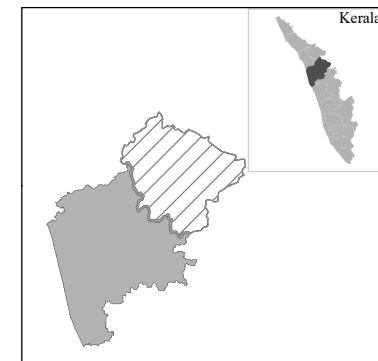
76°0'0"E

76°20'0"E

76°40'0"E

NILAMBUR TALUK (MALAPPURAM DISTRICT)

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



11°20'0"N

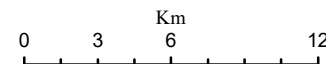
11°20'0"N

Flood Water Level (m)



Legend

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



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

76°0'0"E

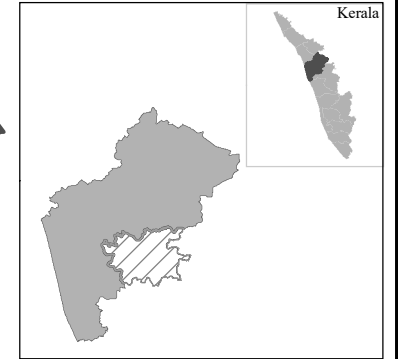
76°20'0"E

76°40'0"E

MALAPPURAM DISTRICT						
NILAMBUR 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
Chungathara						
School						
Chempankolly AmLPS						✓
Chungathara G L P S						✓
G.L.P.S Chungathara					✓	✓
Konnamanna ALPS						✓
Konnamanna GUPS						✓
Pallikuth GUPS						✓
Pathirippadam GLPS		✓	✓	✓	✓	✓
Edakkara						
Hospital						
Ernad Hospital, Edakkara	✓	✓	✓	✓	✓	✓
KPM Hospital Edakkara	✓	✓	✓	✓	✓	✓
School						
G.L.P.S Pathiripadam	✓	✓	✓	✓	✓	✓
GHSS Edakkara					✓	✓
Karulai						
School						
Pulliyil GUPS	✓	✓	✓	✓	✓	✓
Ssa Kuttimala	✓	✓	✓	✓	✓	✓
Varikkal GLPS	✓	✓	✓	✓	✓	✓
Mampad						
Hospital						
New Life Hospital, Vadapuram			✓	✓	✓	✓
School						
G.L.P.S Thiruvai					✓	✓
G.U.P.S Kattumunda East	✓	✓	✓	✓	✓	✓
GmLPS Panthalingal				✓	✓	✓
Mampad AmUPS					✓	✓
Mampad North GmLPS		✓	✓	✓	✓	✓
MeSHSS Mampad			✓	✓	✓	✓
Naduvakkad GLPS		✓	✓	✓	✓	✓
Odayikkal PumLPS				✓	✓	✓
Pongallur AkmLPS					✓	✓
Pullippadam GLPS		✓	✓	✓	✓	✓
Vadapuram GmLPS	✓	✓	✓	✓	✓	✓
Vadapuram McUPS		✓	✓	✓	✓	✓

Moothedam						
School						
G.L.P.S Chola.M.Unda	✓	✓	✓	✓	✓	✓
Nilambur Municipality						
Hospital						
Elamkulam Hospital						✓
Elamkulam Hospital Nilambur						✓
School						
Chettiyangadi ALPS						✓
G.L.P.S Veettikuth	✓	✓	✓	✓	✓	✓
GmLPS Mukkatta						✓
GmLPS Nilambur		✓	✓	✓	✓	✓
GmvHSS Nilambur	✓	✓	✓	✓	✓	✓
I G M M R S Nilambur	✓	✓	✓	✓	✓	✓
Karimbuzha GmLPS		✓	✓	✓	✓	✓
Mankuth GLPS				✓	✓	✓
Myladi GUPS		✓	✓	✓	✓	✓
Nilambur GmUPS						✓
Vazhikkadavu						
School						
G.U.P.S Marutha				✓	✓	✓

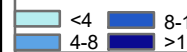
PERINTHALMANNA TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 10 Year Return Probability)



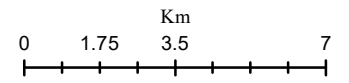
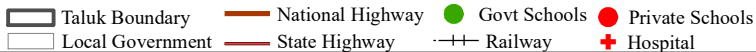
11°0'0"N

11°0'0"N

Flood Water Level (m)

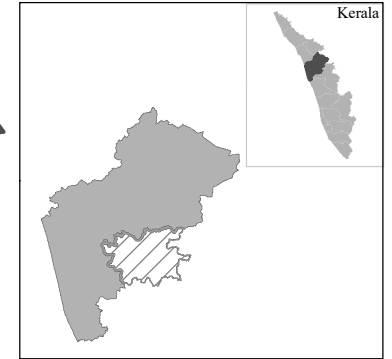


Legend



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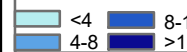
PERINTHALMANNA TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 25 Year Return Probability)



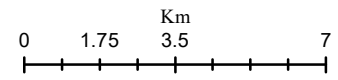
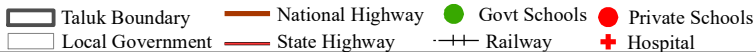
11°0'0"N

11°0'0"N

Flood Water Level (m)

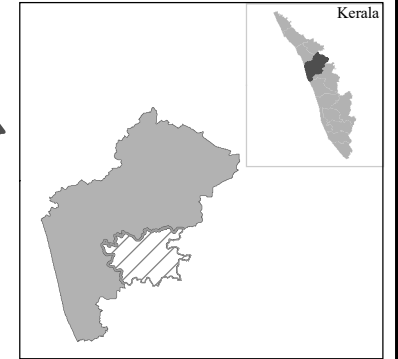


Legend

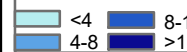


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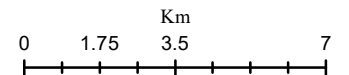
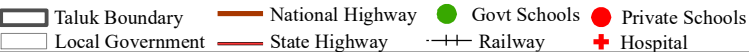
PERINTHALMANNA TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 50 Year Return Probability)



Flood Water Level (m)

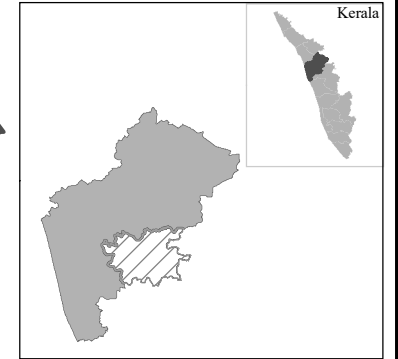


Legend



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Thiruvananthapuram
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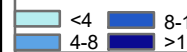
PERINTHALMANNA TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 100 Year Return Probability)



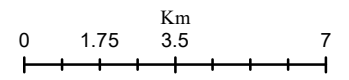
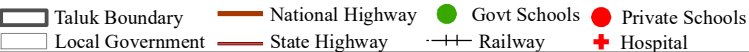
11°0'0"N

11°0'0"N

Flood Water Level (m)

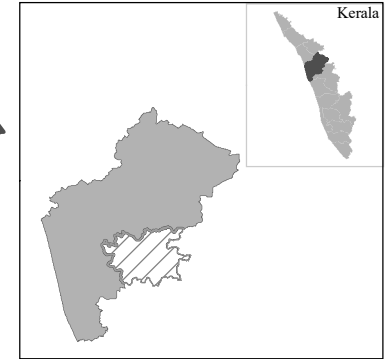


Legend



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

PERINTHALMANNA TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 200 Year Return Probability)



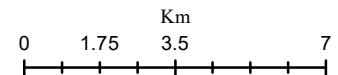
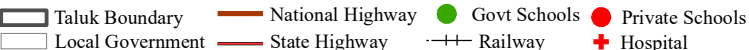
11°0'0"N

11°0'0"N

Flood Water Level (m)

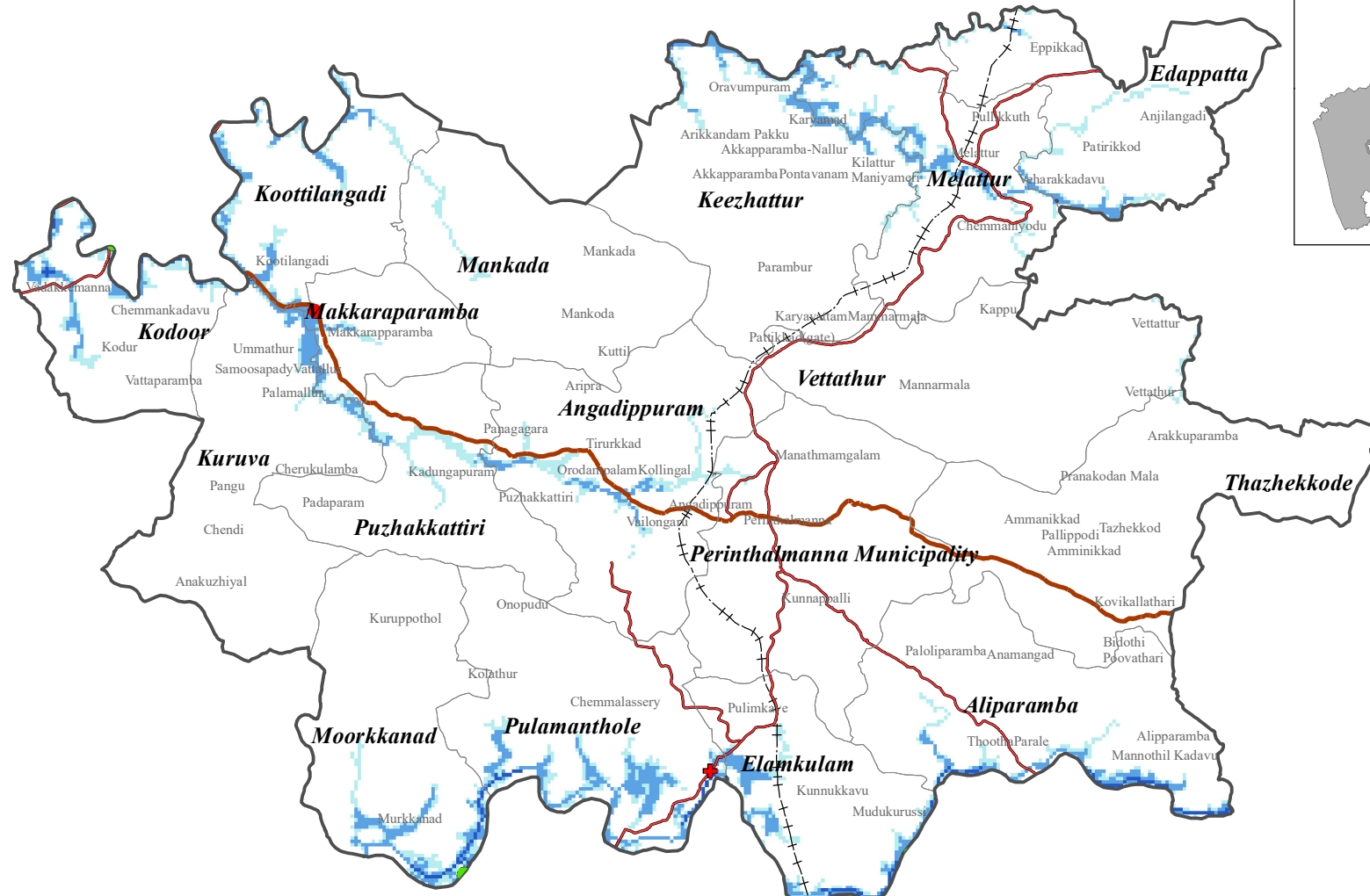
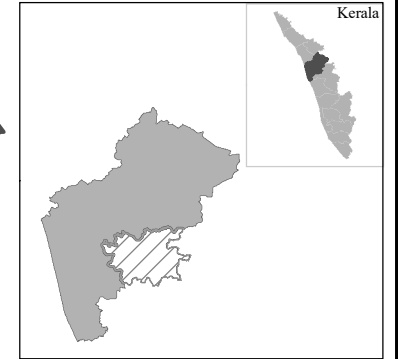


Legend



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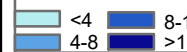
PERINTHALMANNA TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 500 Year Return Probability)



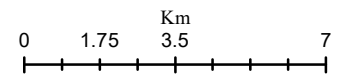
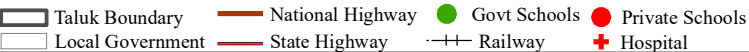
11°0'0"N

11°0'0"N

Flood Water Level (m)



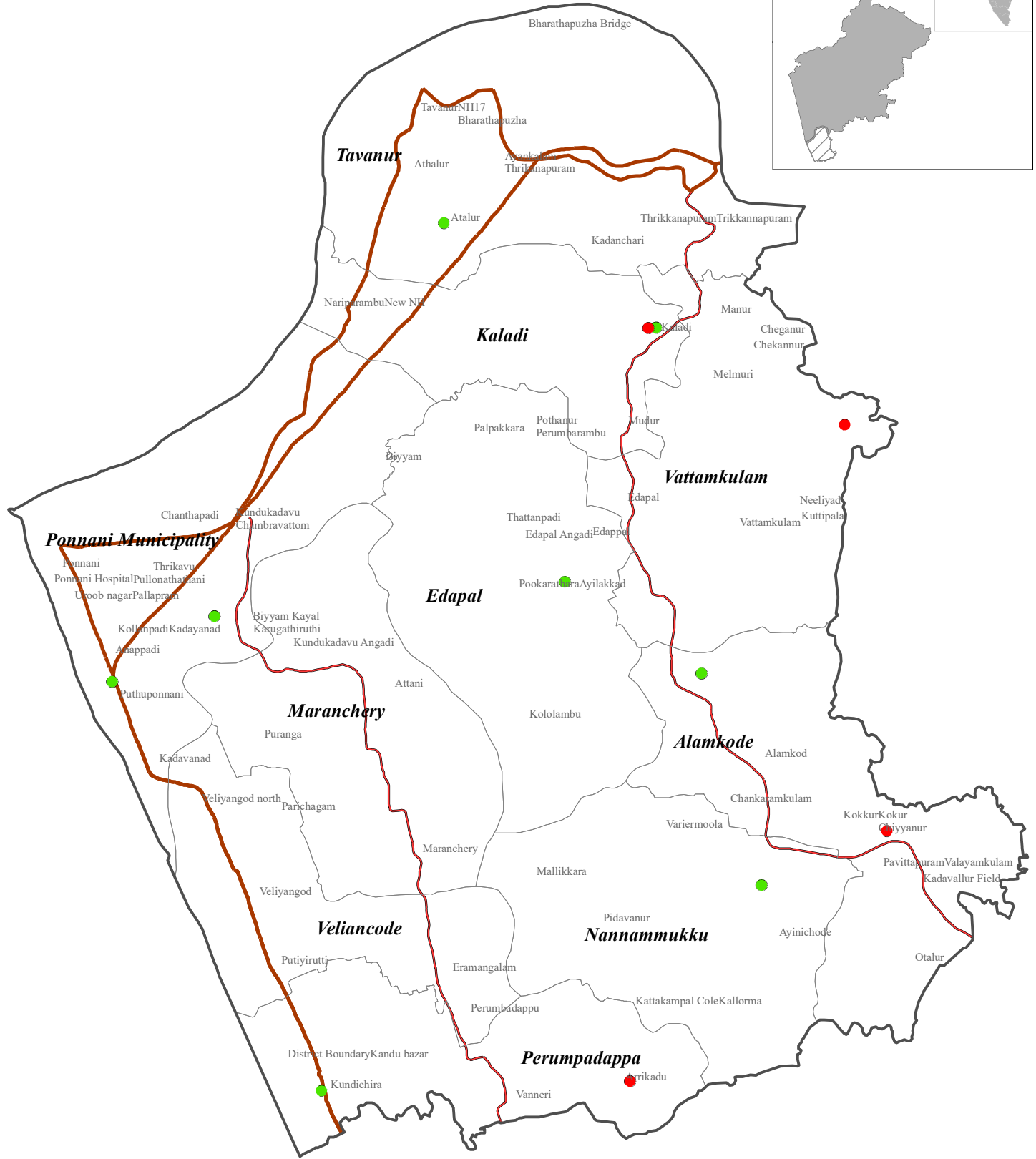
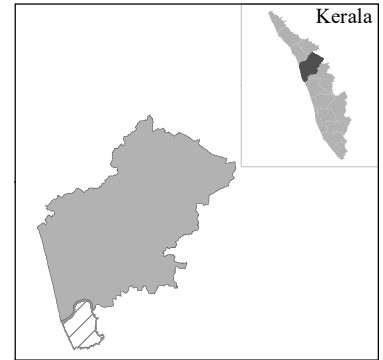
Legend



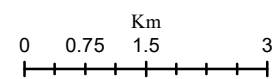
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External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

MALAPPURAM DISTRICT						
PERINTHALMANNA 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
Makkaraparamba						
School						
Vmhm U.P.S Punarppa	✓	✓	✓	✓	✓	✓
Pulamanthole						
Hospital						
Darushifa Clinic Kattuppara	✓	✓	✓	✓	✓	✓

PONNANI TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 10 Year Return Probability)

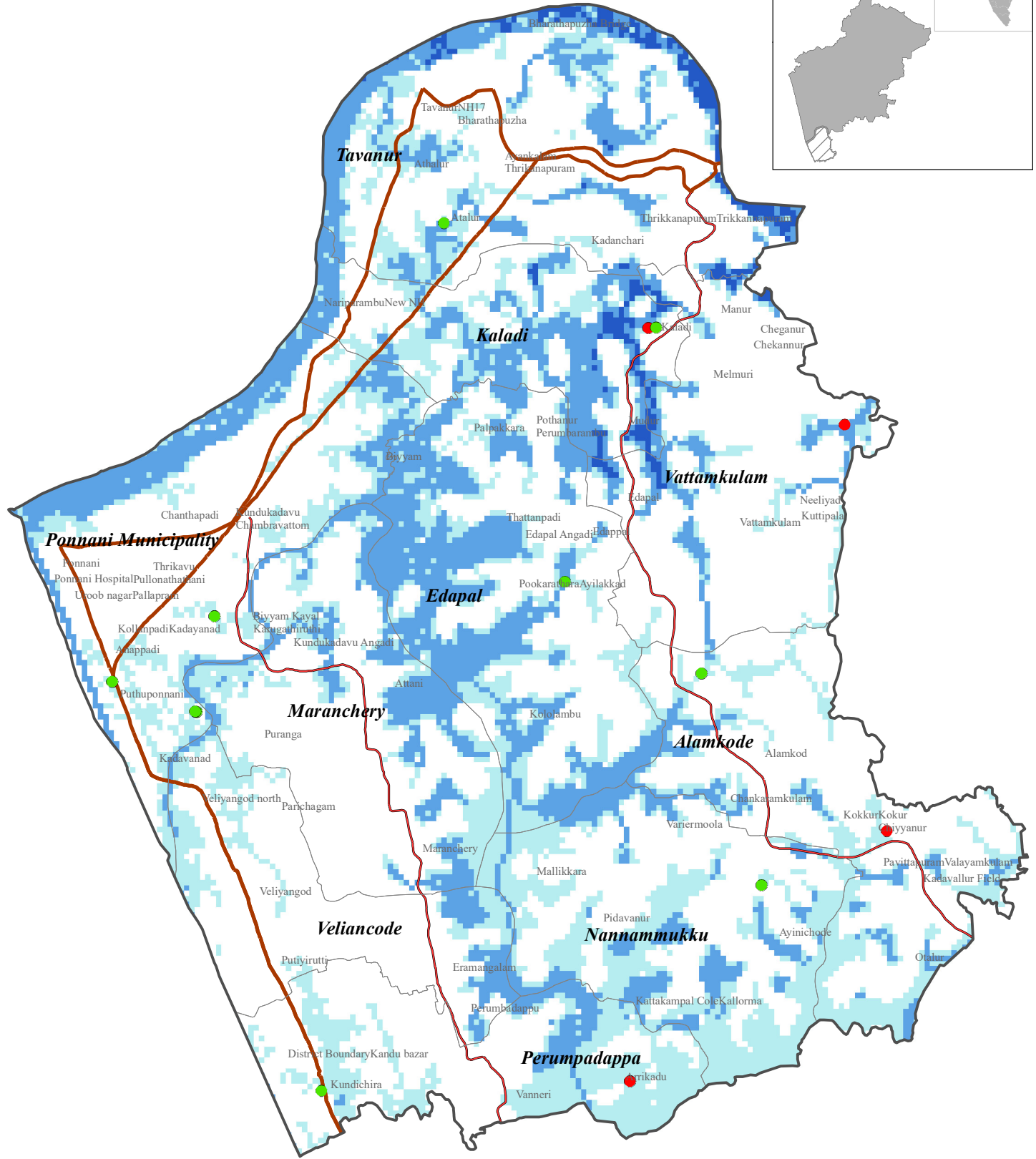
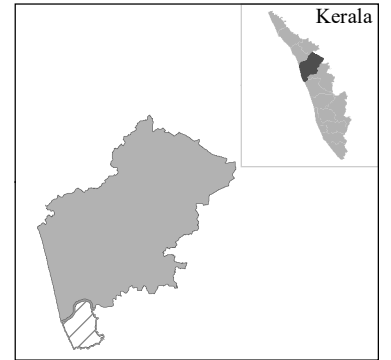


Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		National Highway
	8-12		State Highway
	>12		Govt Schools
			Private Schools
			Hospital
			Local Government
			Railway

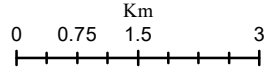


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PONNANI TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 25 Year Return Probability)

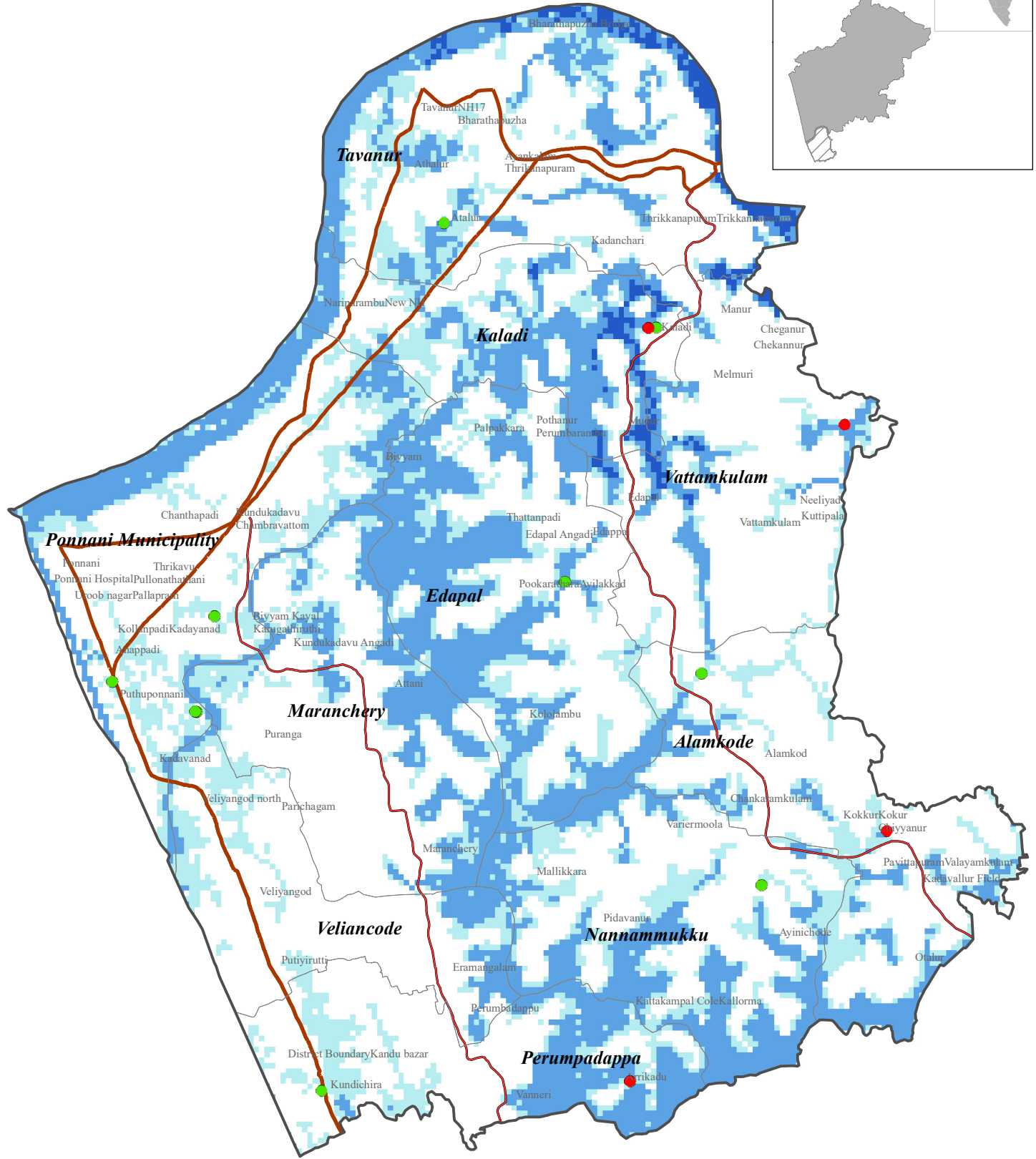
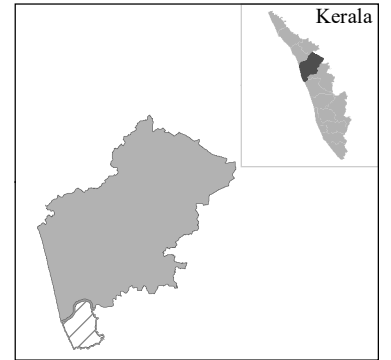


Flood Water Level (m)		Legend			
	<4		Taluk Boundary		Govt Schools
	4-8		State Highway		Private Schools
	8-12		Railway		Hospital
	>12		Local Government		

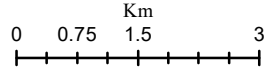


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PONNANI TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 50 Year Return Probability)



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

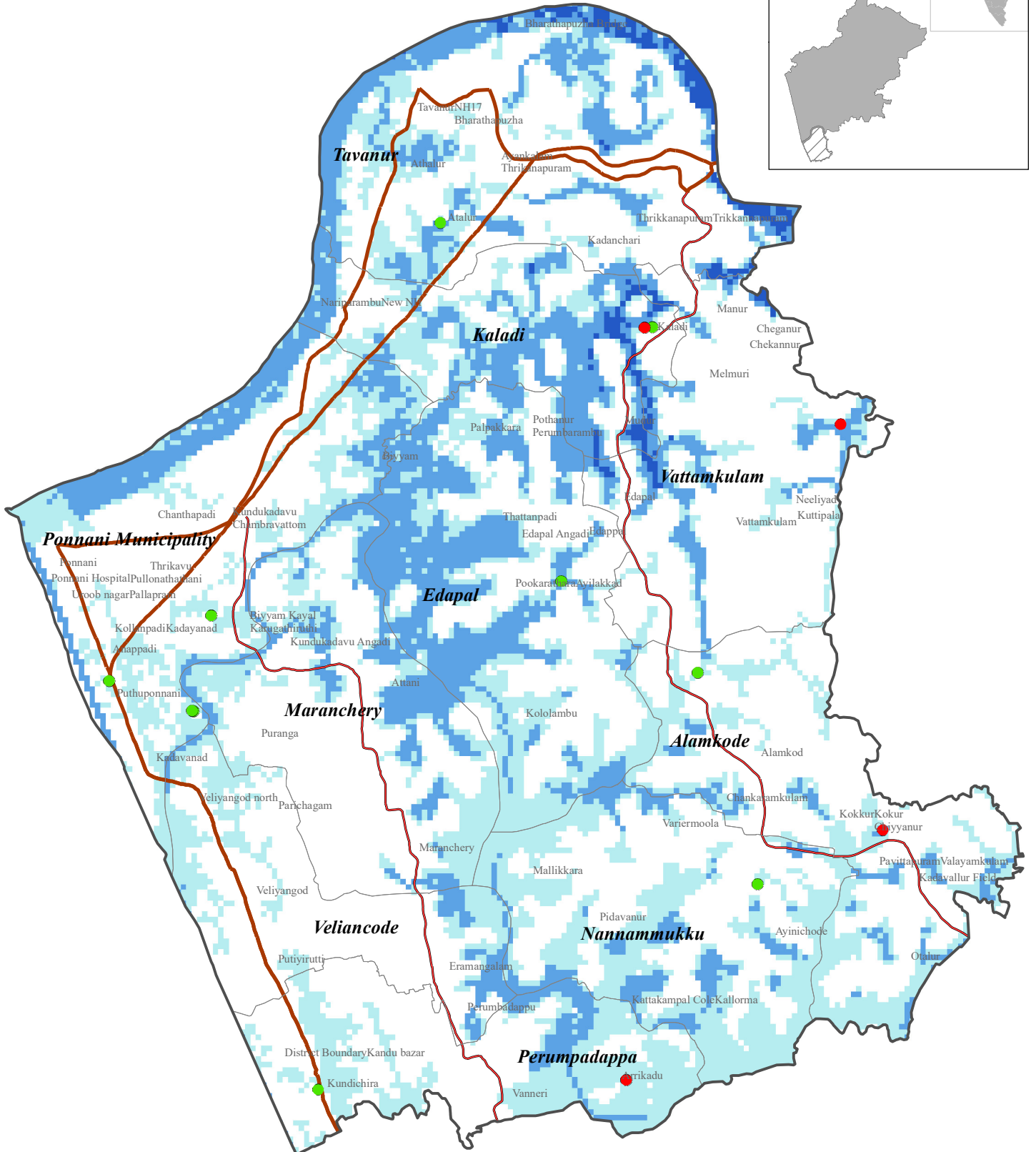
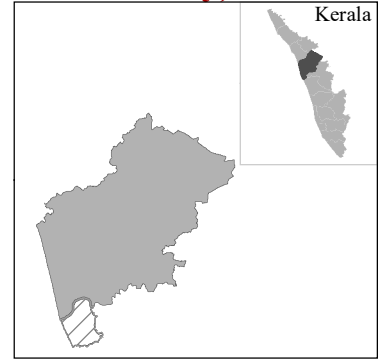


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 Kerala State Disaster Management Authority
 Thiruvananthapuram
External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

76°00"E

PONNANI TALUK (MALAPPURAM DISTRICT)

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

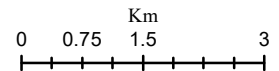


Flood Water Level (m)



Legend

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



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Thiruvananthapuram

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

10°40'0"N

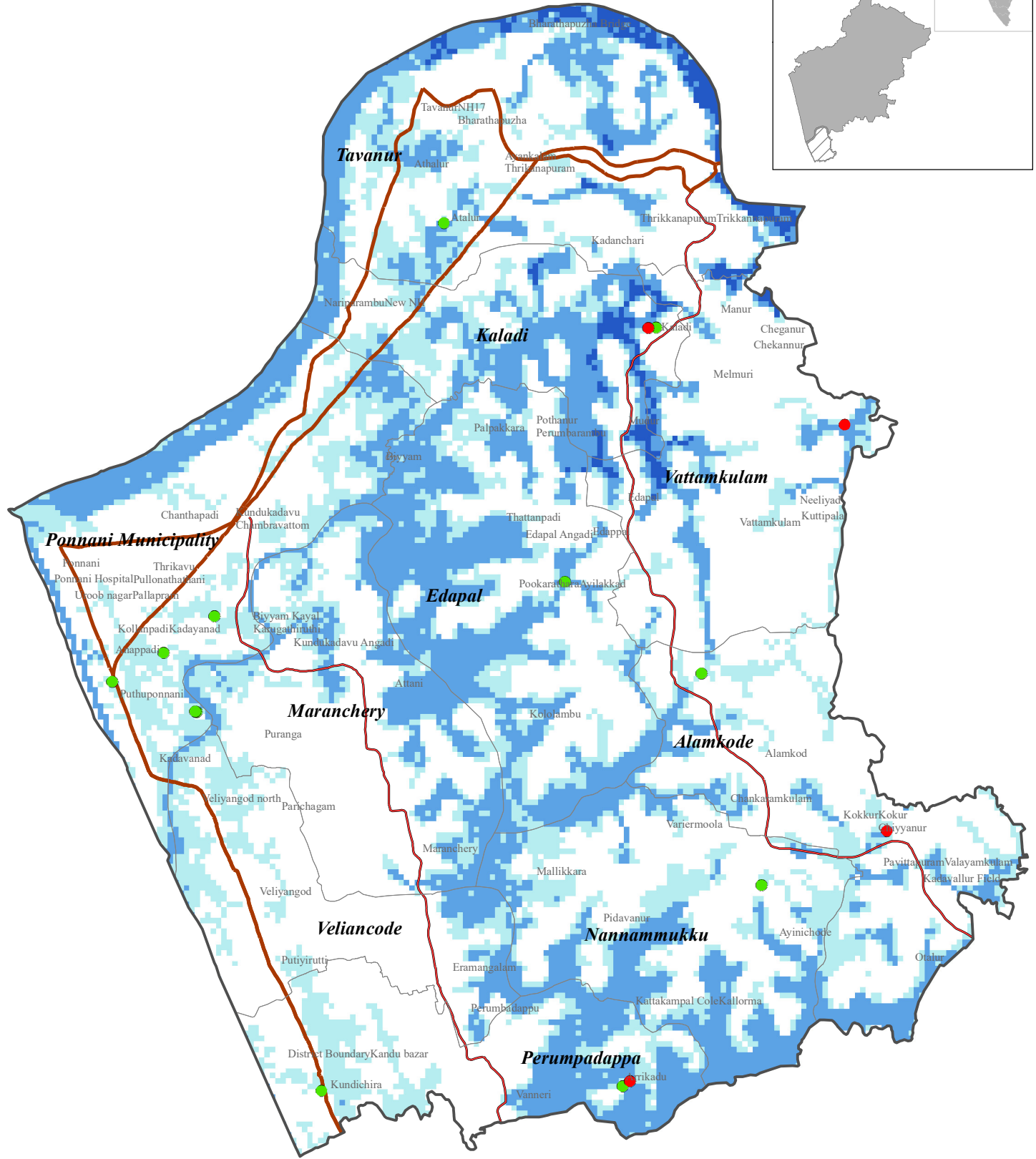
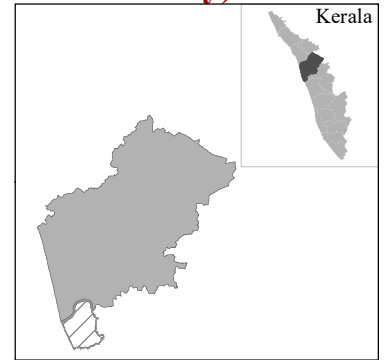
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76°00"E

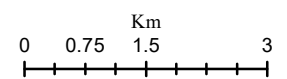
76°00"E

PONNANI TALUK (MALAPPURAM DISTRICT)

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



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



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

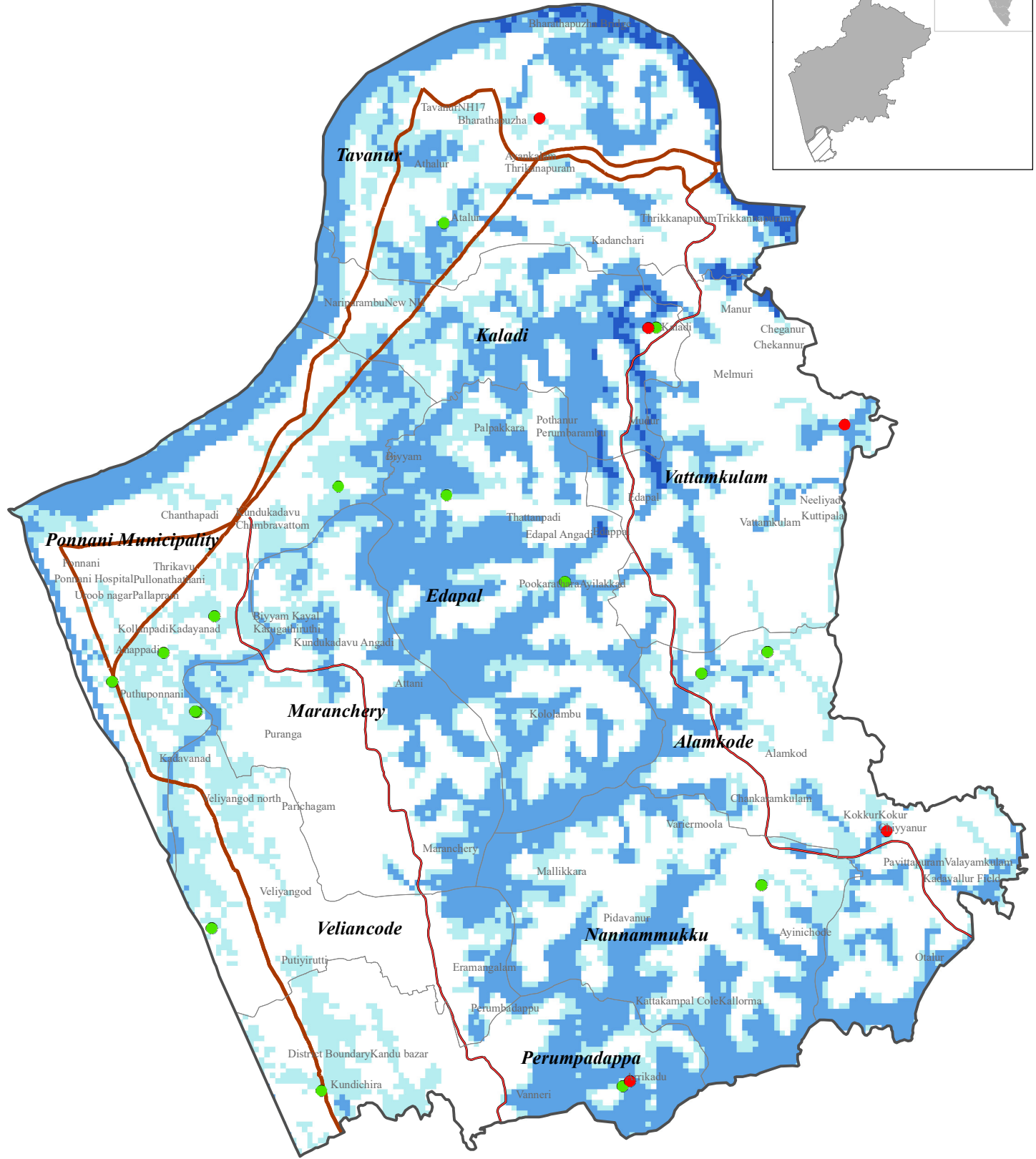
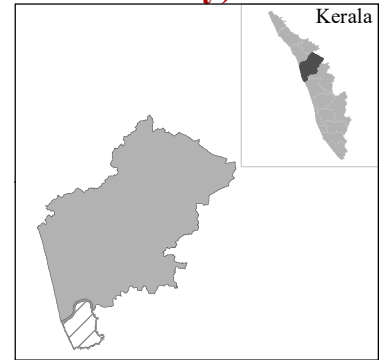
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10°40'0"N

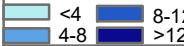
76°00"E

PONNANI TALUK (MALAPPURAM DISTRICT)

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

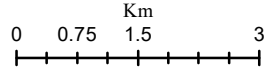


Flood Water Level (m)



Legend

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



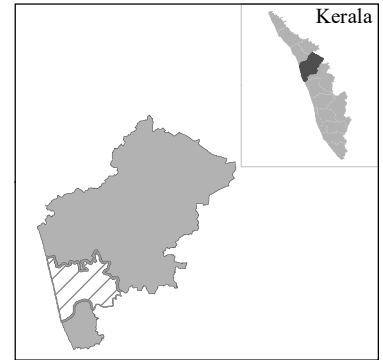
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

MALAPPURAM DISTRICT						
PONNANI 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
Alamkode						
School						
A. M. L. P. S. Kakkidippuram						✓
G.L.P.S Chiyapur	✓	✓	✓	✓	✓	✓
Technical H S S, Vattankulam, Malappuram	✓	✓	✓	✓	✓	✓
Edapal						
School						
D. H. O. H. S. S. Pookkathara	✓	✓	✓	✓	✓	✓
Vijaya A. U. P. S. Thuyyam						✓
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. Cheruvallur South					✓	✓
A. M. L. P. S. Palappetty South	✓	✓	✓	✓	✓	✓
G.F.U.P.S Palappetty	✓	✓	✓	✓	✓	✓
Ponnani Municipality						
School						
A. L. P. S. Ezhuvathiruthi	✓	✓	✓	✓	✓	✓
A. M. L. P. S. Karukathuruthi	✓	✓	✓	✓	✓	✓
G. F. U. P. S. Kadavanad		✓	✓	✓	✓	✓
G. U. P. S. Cheruvayikkara						✓
GLPS Kadavanad		✓	✓	✓	✓	✓
Technical High School Kuttippuram					✓	✓
Tavanur						
School						
G. L. P. S. B. P. Angadi	✓	✓	✓	✓	✓	✓
K.M.U .P.S Thavanur						✓

Vattamkulam						
School						
G.J.B.S Vattamkulam	✓	✓	✓	✓	✓	✓
Veliancode						
School						
G. F. L. P. S. Veliyancode						✓

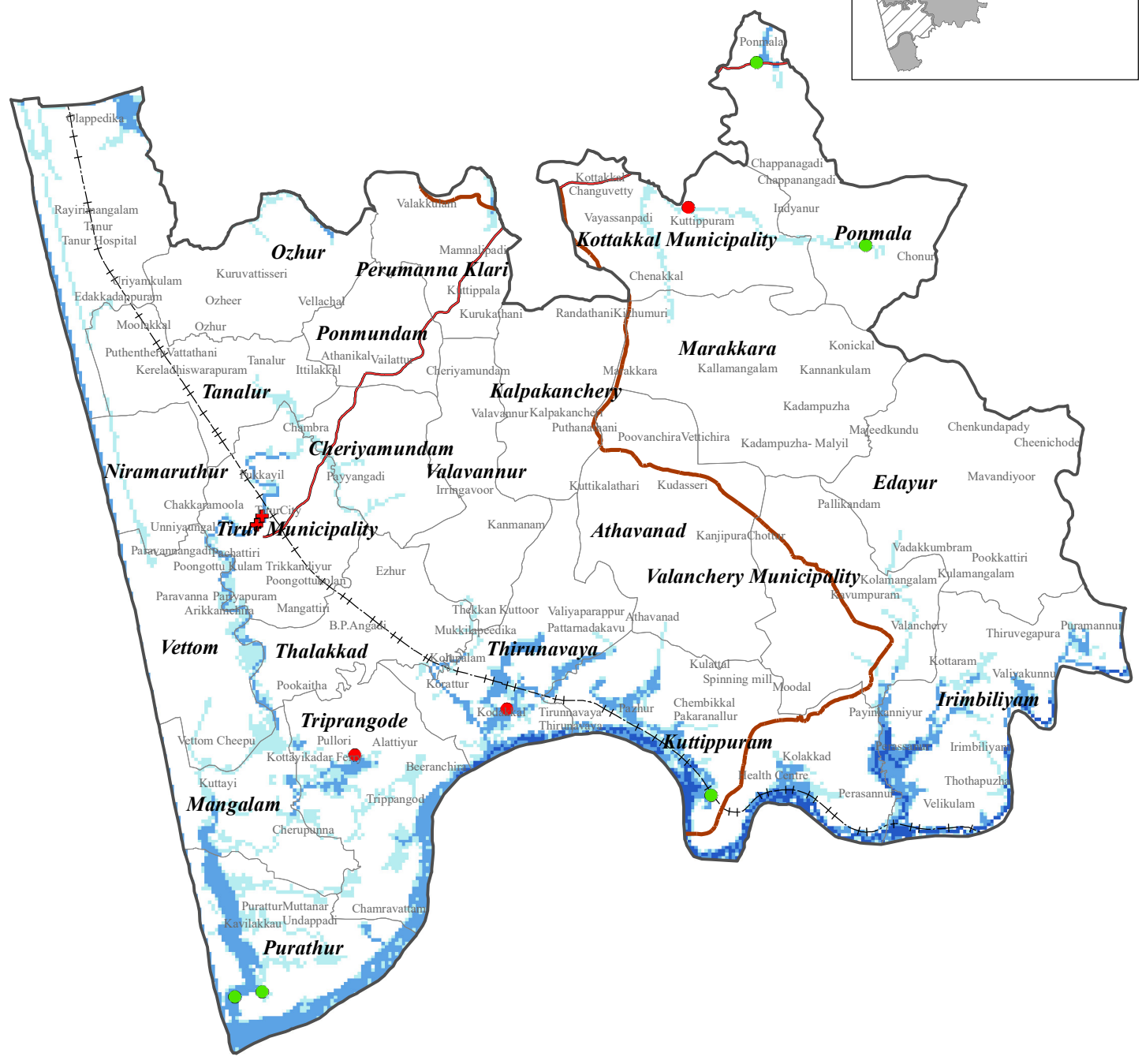
TIRUR TALUK (MALAPPURAM DISTRICT)

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

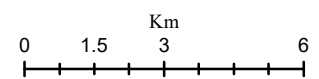


11°00'N

11°00'N



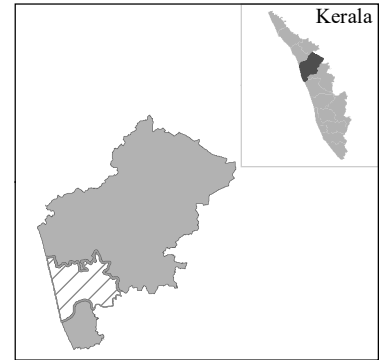
Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Govt Schools
			Private Schools
			Hospital
			Railway



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 Thiruvananthapuram
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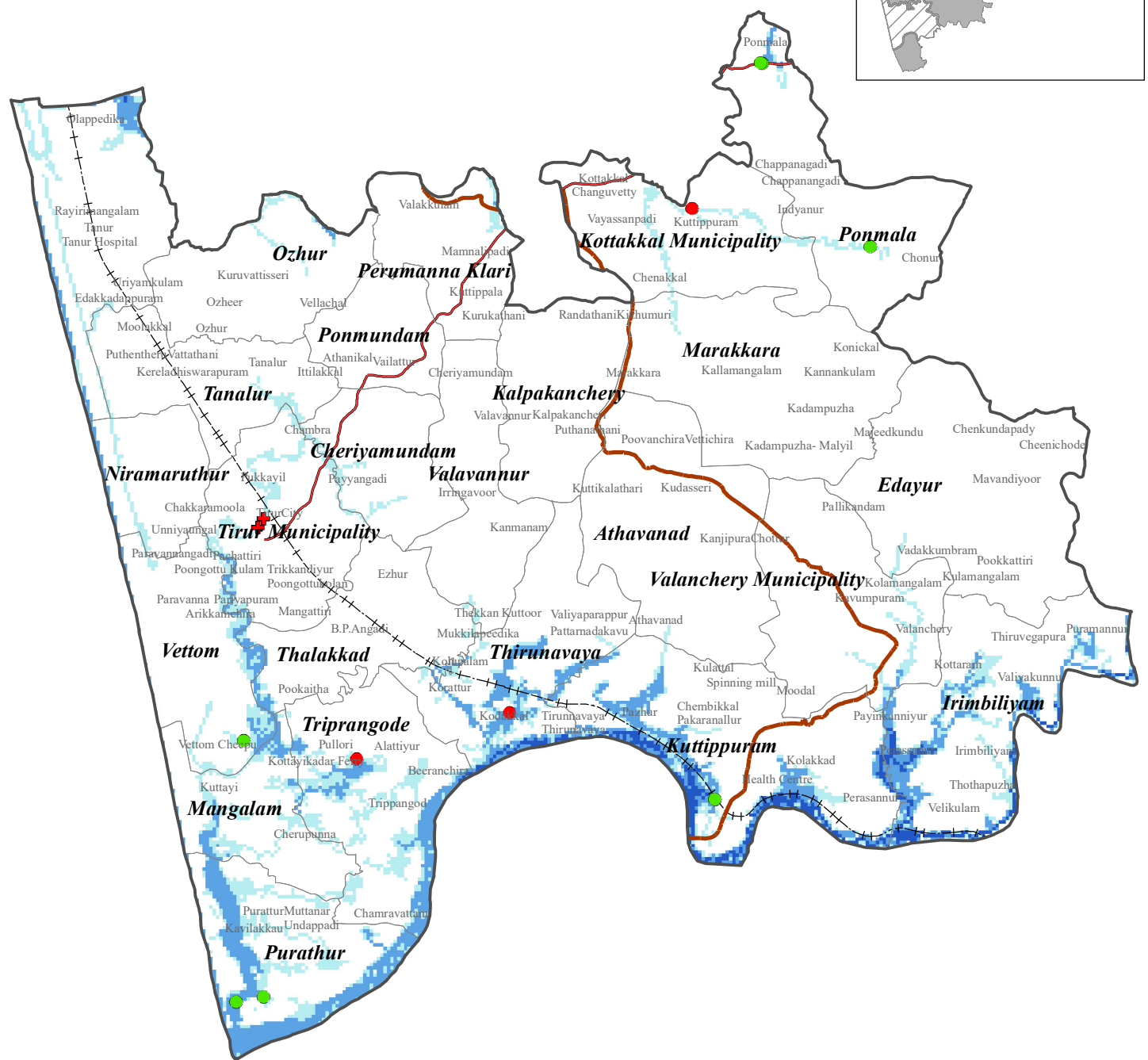
TIRUR TALUK (MALAPPURAM DISTRICT)

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

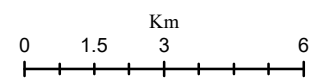


11°0'0"N

11°0'0"N



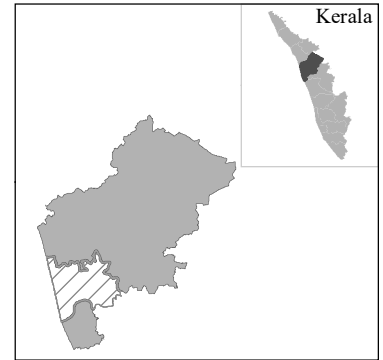
Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Govt Schools
			Private Schools
			Hospital
			Railway



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

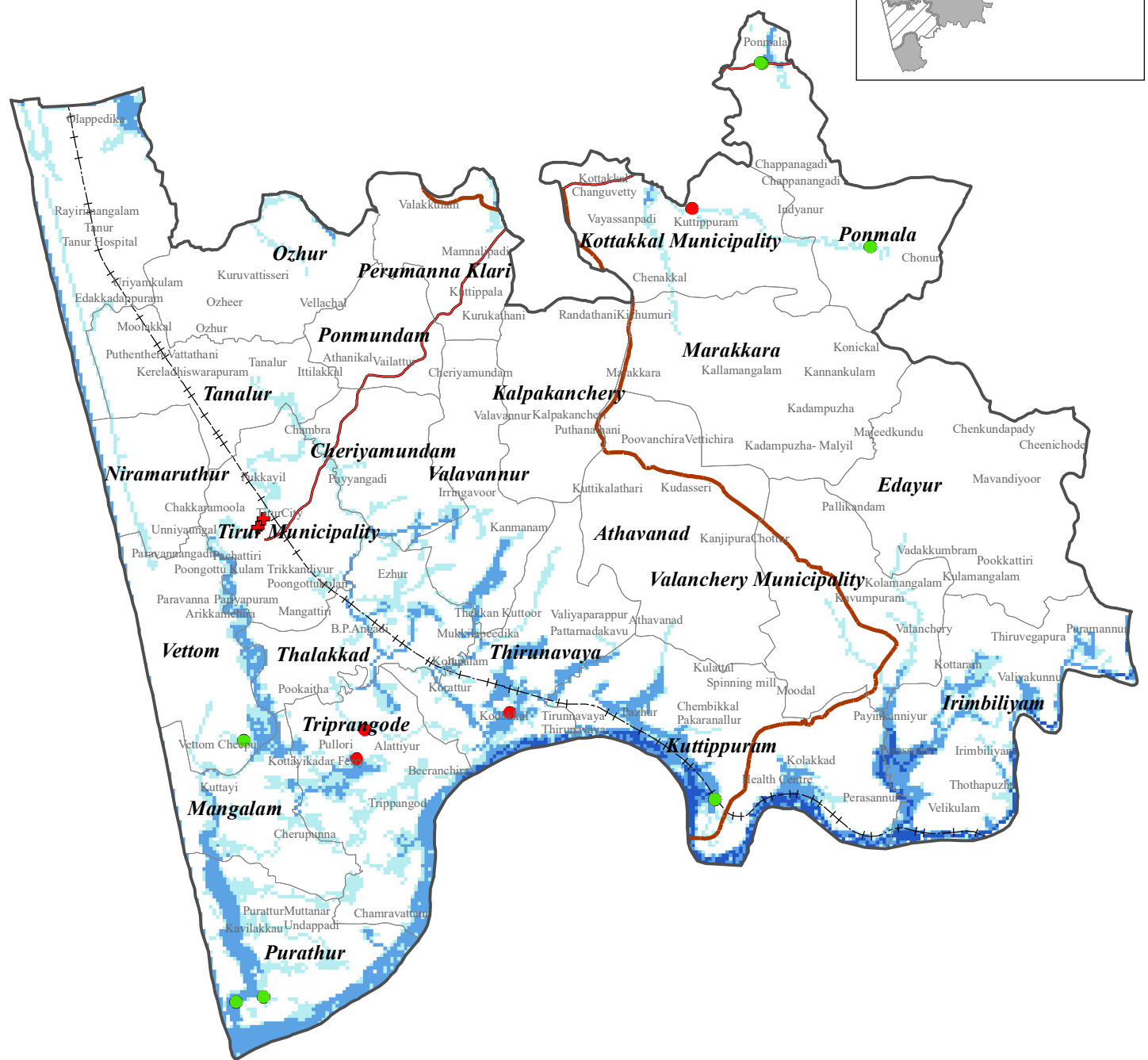
TIRUR TALUK (MALAPPURAM DISTRICT)

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

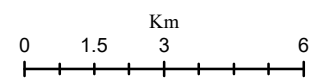


11°0'0"N

11°0'0"N



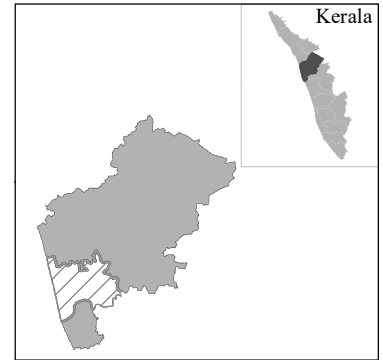
Flood Water Level (m)		Legend			
	<4		Taluk Boundary		Govt Schools
	4-8		Local Government		Private Schools
	8-12		National Highway		Hospital
	>12		State Highway		Railway



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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)

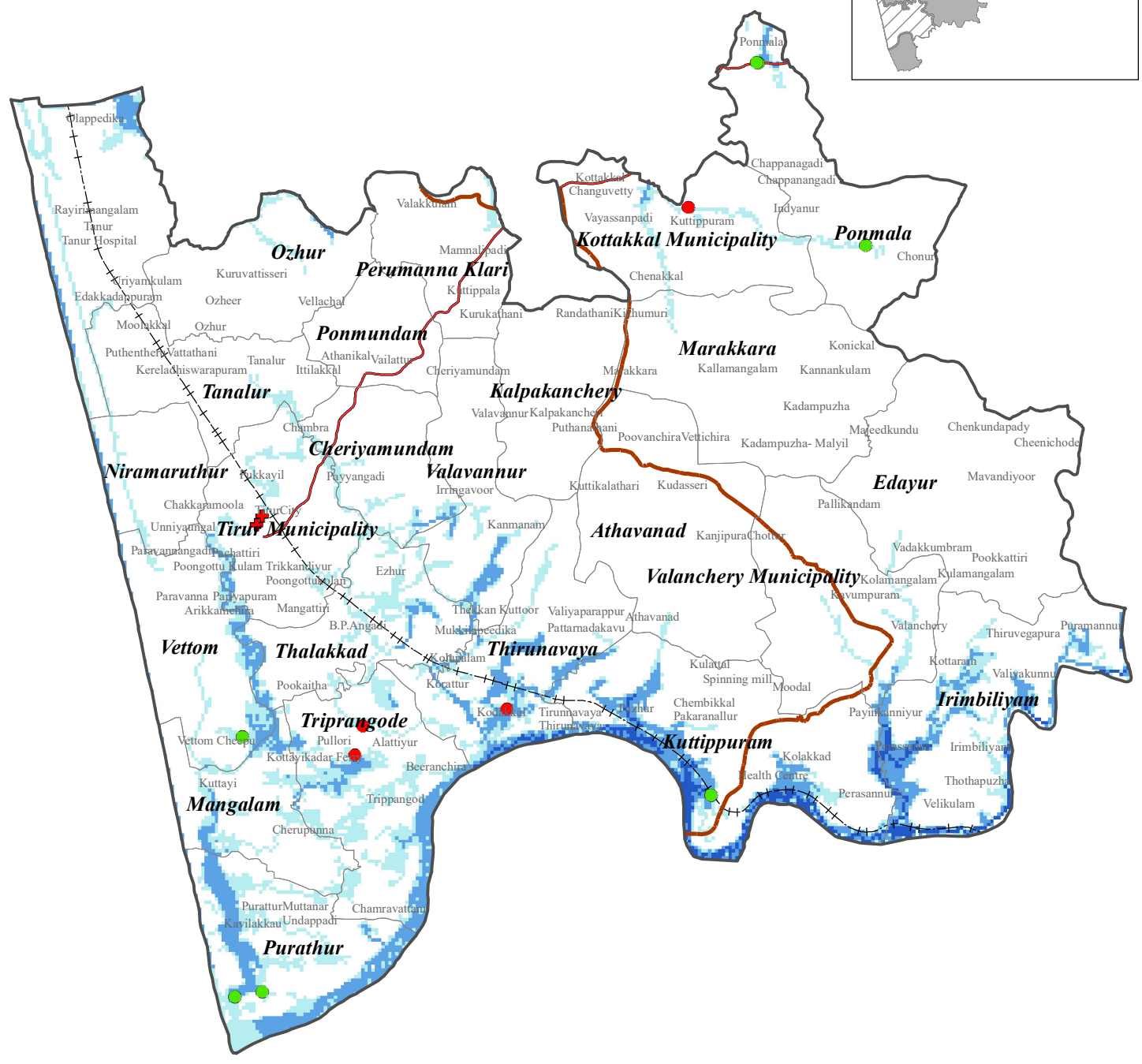
TIRUR TALUK (MALAPPURAM DISTRICT)

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

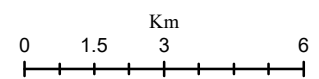


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11°0'0"N



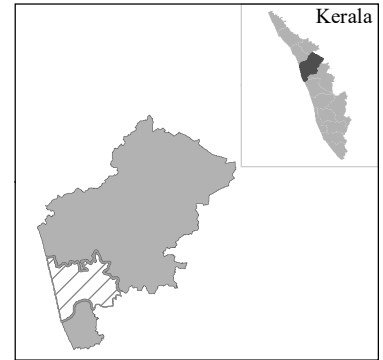
Flood Water Level (m)		Legend	
	<4		Taluk Boundary
	4-8		Local Government
	8-12		National Highway
	>12		State Highway
			Railway
			Govt Schools
			Private Schools
			Hospital



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

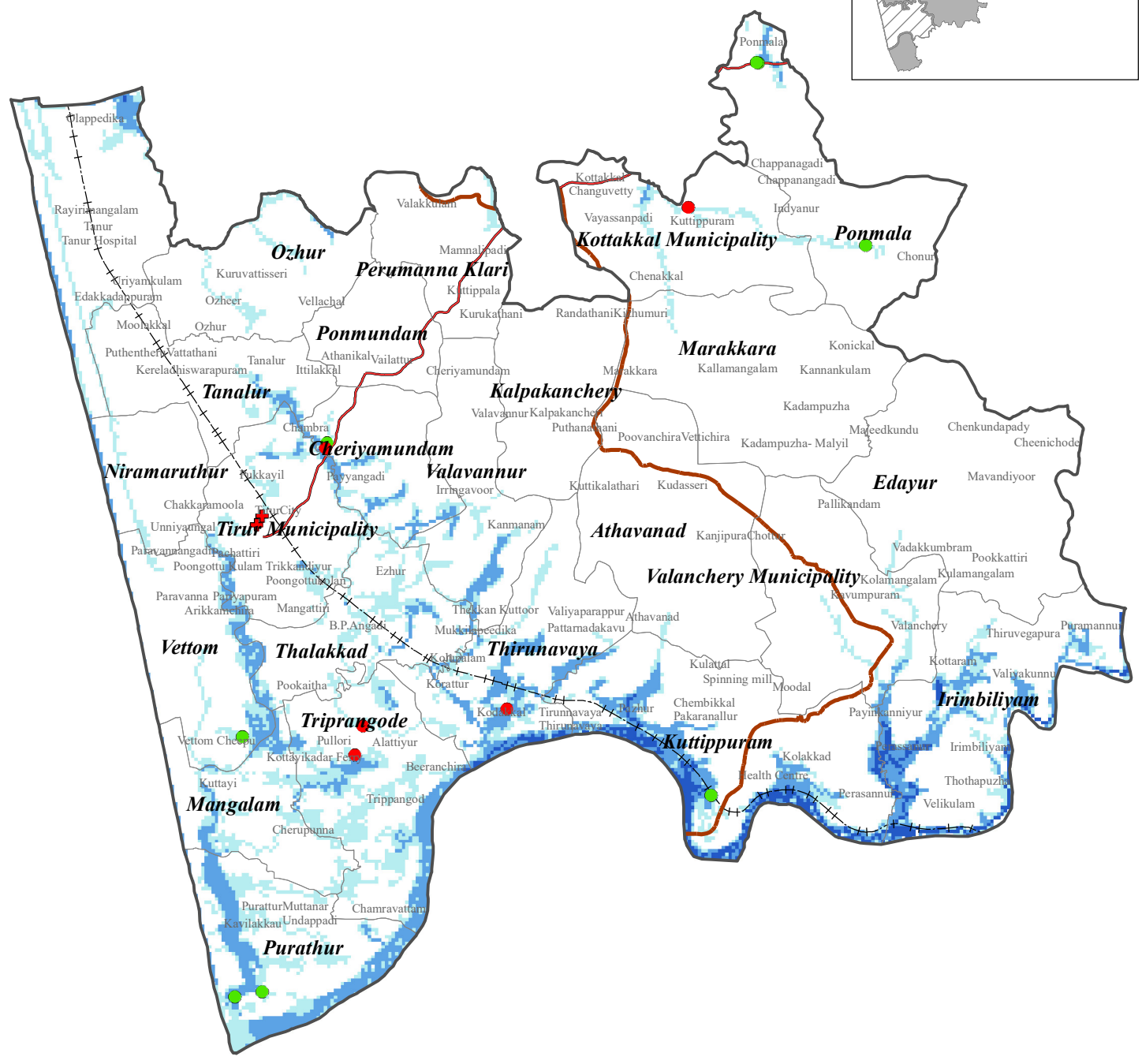
TIRUR TALUK (MALAPPURAM DISTRICT)

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

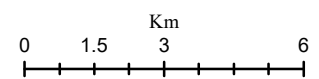


11°0'0"N

11°0'0"N



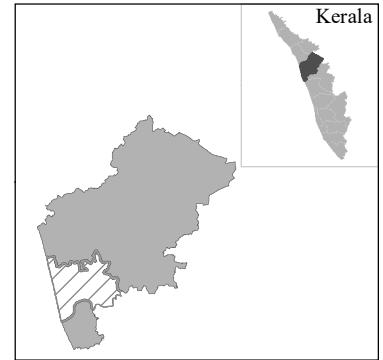
Flood Water Level (m)		Legend			
	<4		Taluk Boundary		Govt Schools
	4-8		Local Government		Private Schools
	8-12		National Highway		Hospital
	>12		State Highway		Railway



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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)

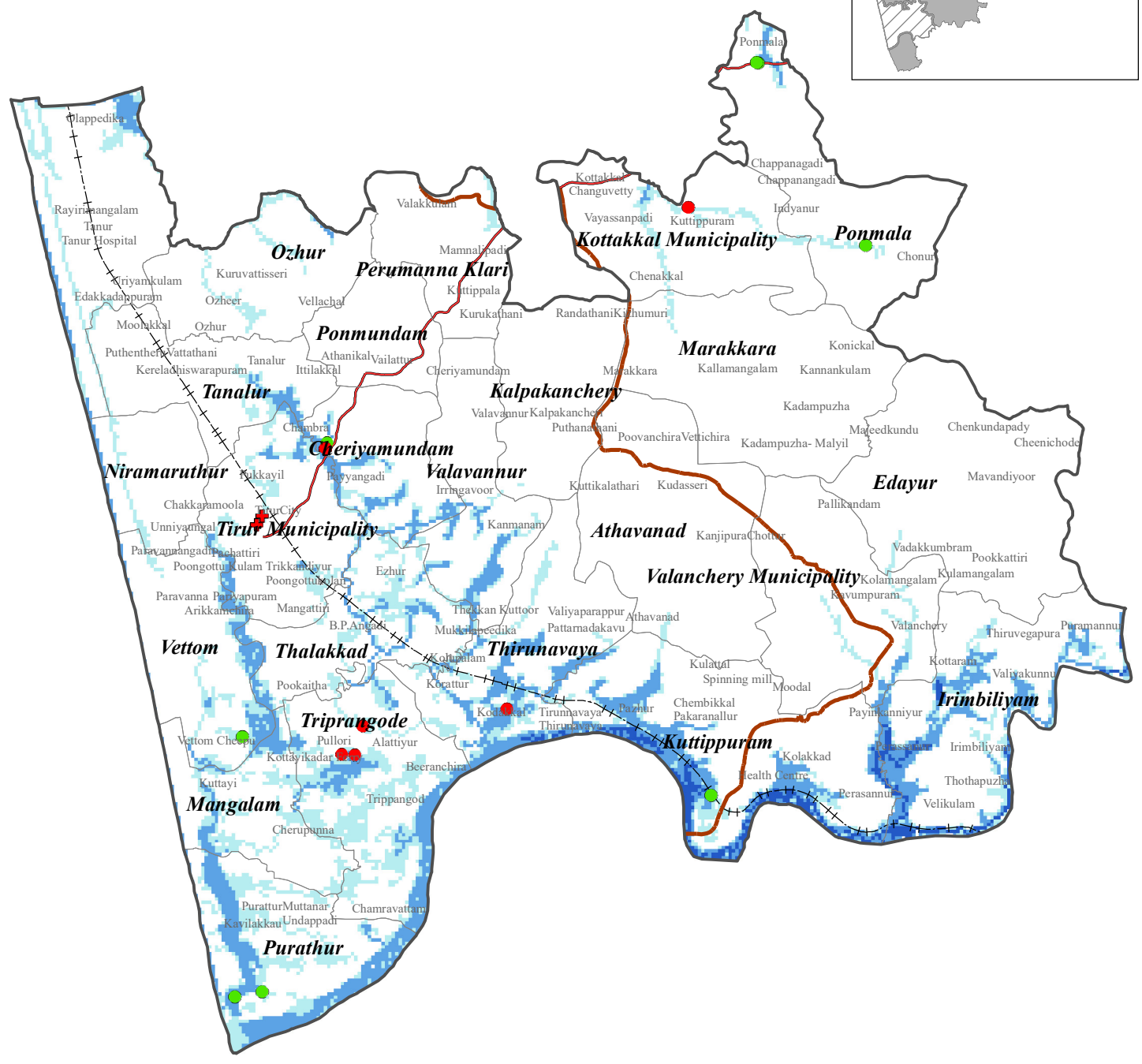
TIRUR TALUK (MALAPPURAM DISTRICT)

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

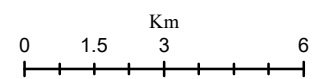


11°0'0"N

11°0'0"N



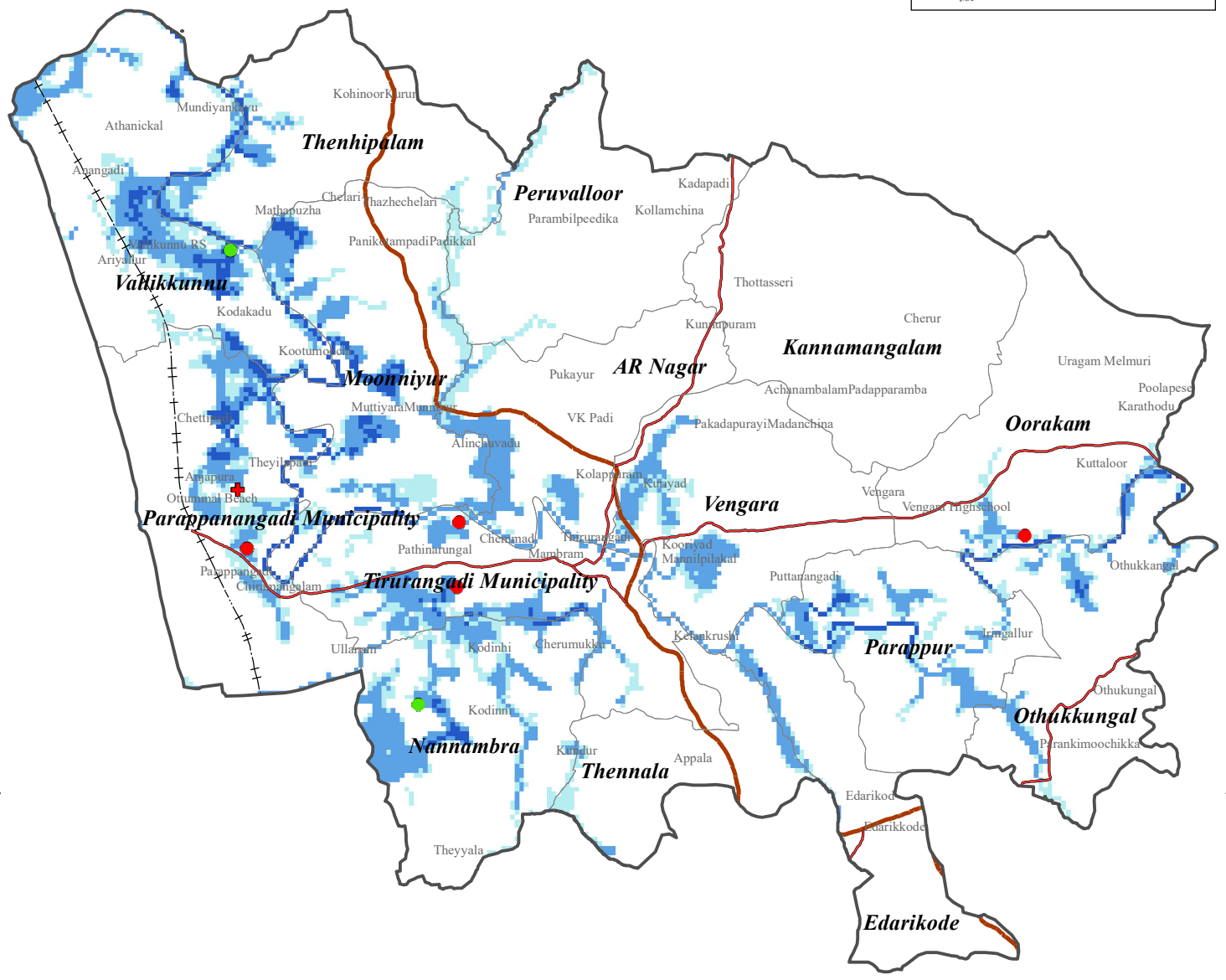
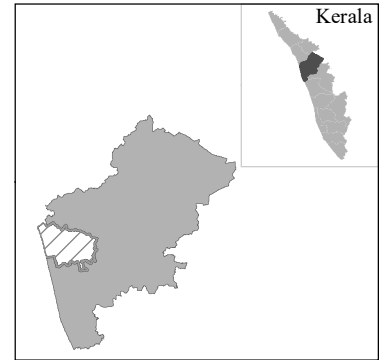
Flood Water Level (m)		Legend			
	<4		Taluk Boundary		Govt Schools
	4-8		Local Government		Private Schools
	8-12		National Highway		Hospital
	>12		State Highway		Railway



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

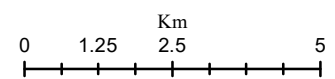
MALAPPURAM DISTRICT						
TIRUR TALUK						
Name of exposed Hospital/School (LSG)	Return Probability (Climate Change Scenario - RCP 8.5)					
	1 in 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Cheriyamundam						
Hospital						
Alnoor Hospital						✓
School						
A. M. L. P. S. Cheriyamundam					✓	✓
G.M.L.P.S Thalakadathur					✓	✓
Kottakkal Municipality						
School						
G.U.P.S Kottakkal	✓	✓	✓	✓	✓	✓
Kuttippuram						
School						
K. S. M. M.A.L. P. S. Kazhuthallur	✓	✓	✓	✓	✓	✓
Ponmala						
School						
G.L.P.S. Choonur	✓	✓	✓	✓	✓	✓
G.M.L.P.S. Ponmala		✓	✓	✓	✓	✓
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	✓	✓	✓	✓	✓	✓
Triprangode						
School						
Timl.P.S Alathiyur	✓	✓	✓	✓	✓	✓
Vettom						
School						
T. I. M. L. P. S. Vettam		✓	✓	✓	✓	✓

TIRURANGADI TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 10 Year Return Probability)



11°0'0"N

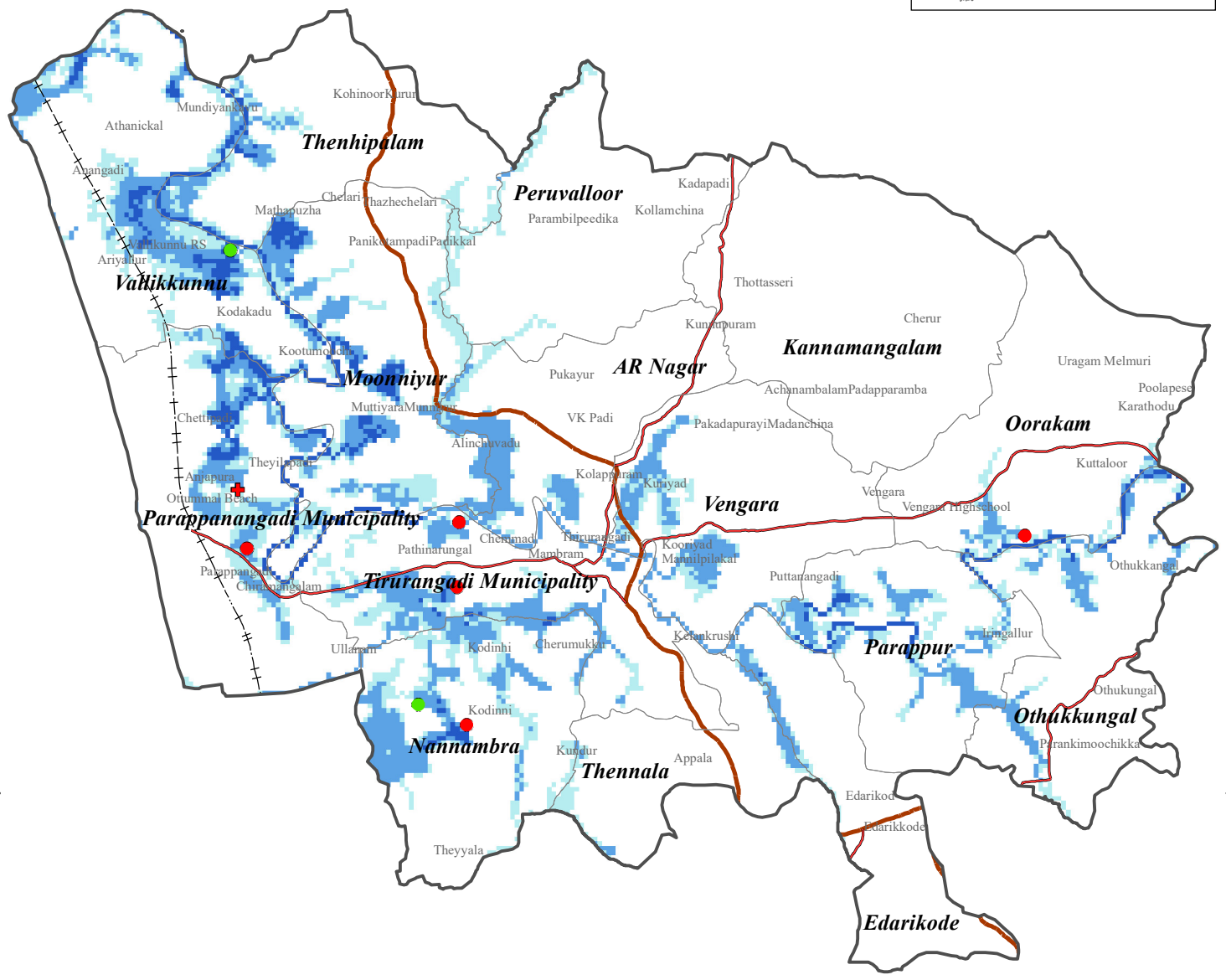
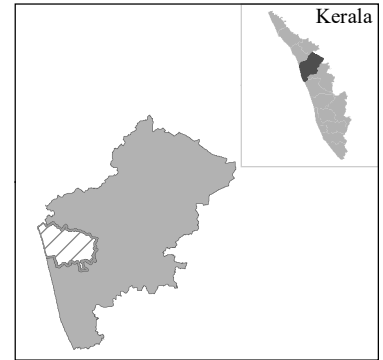
11°0'0"N



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

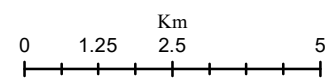
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRURANGADI TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 25 Year Return Probability)



11°0'0"N

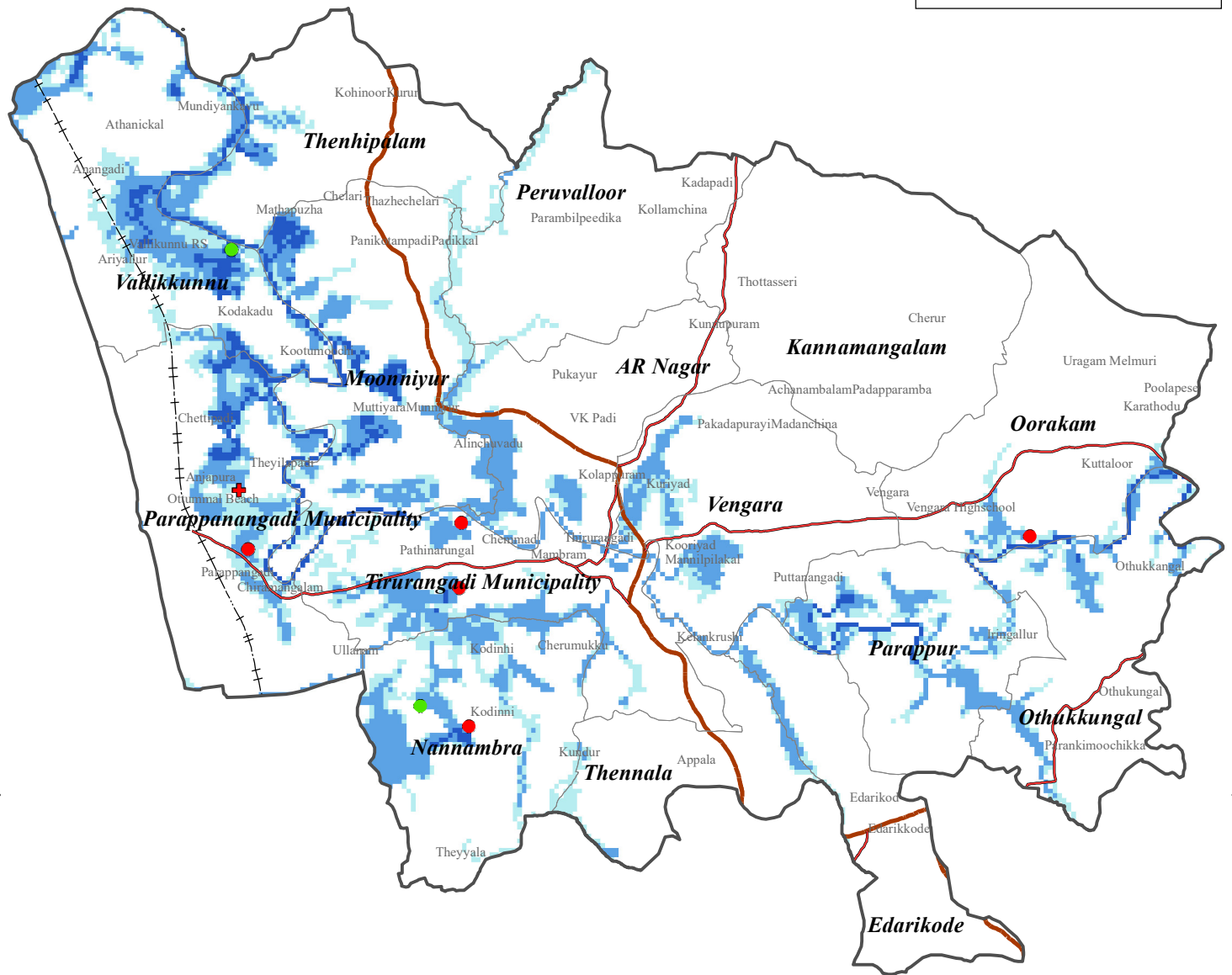
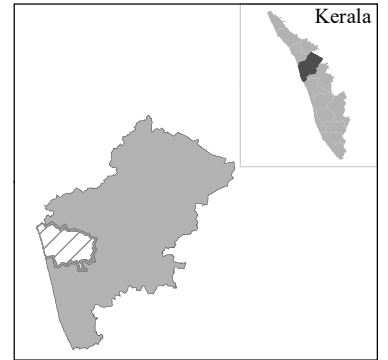
11°0'0"N



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

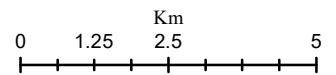
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRURANGADI TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 50 Year Return Probability)



11°0'0"N

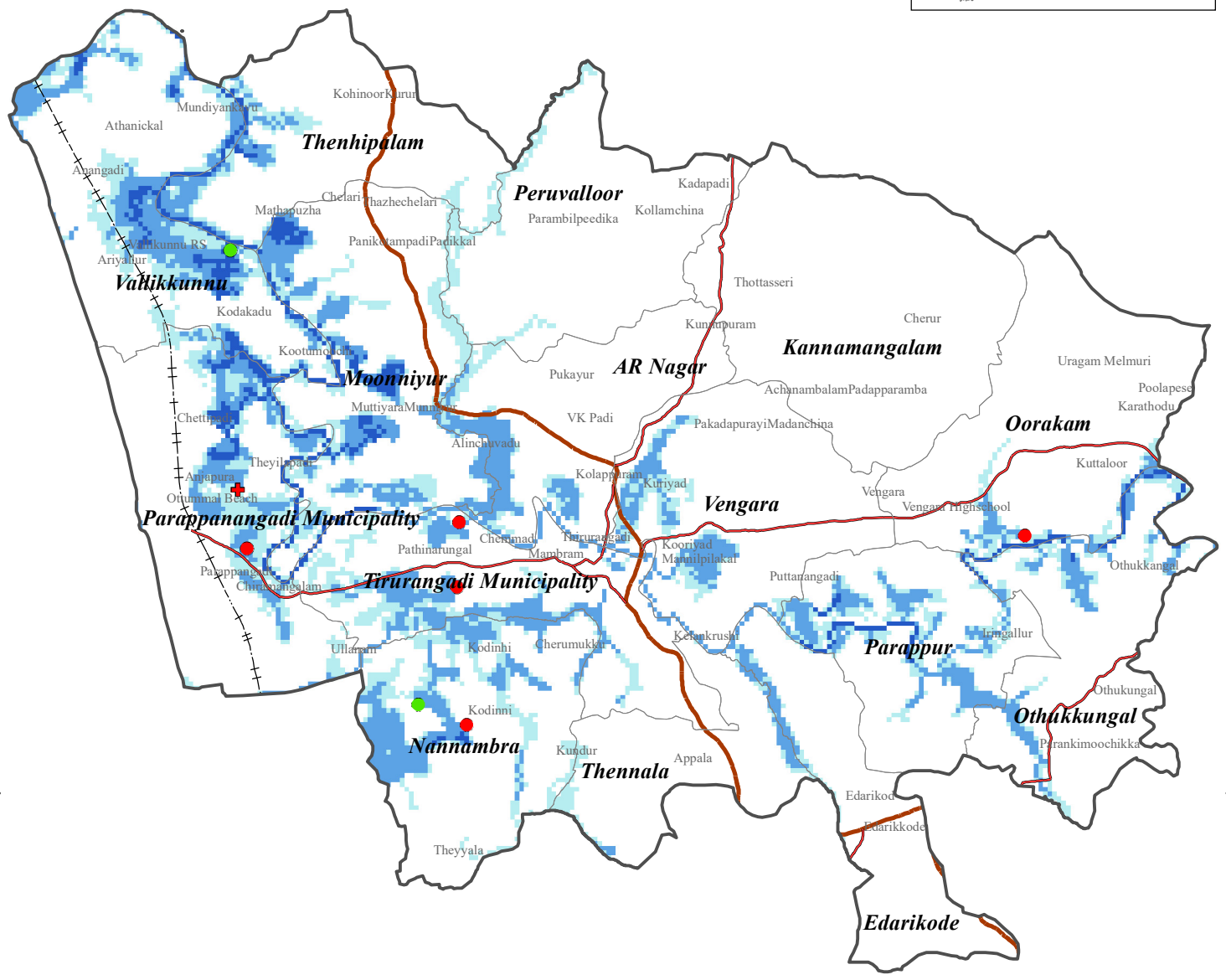
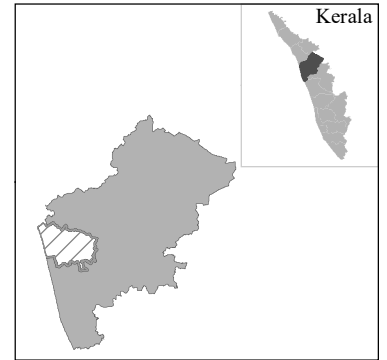
11°0'0"N



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

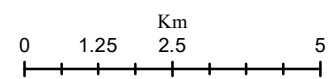
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRURANGADI TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 100 Year Return Probability)



11°0'0"N

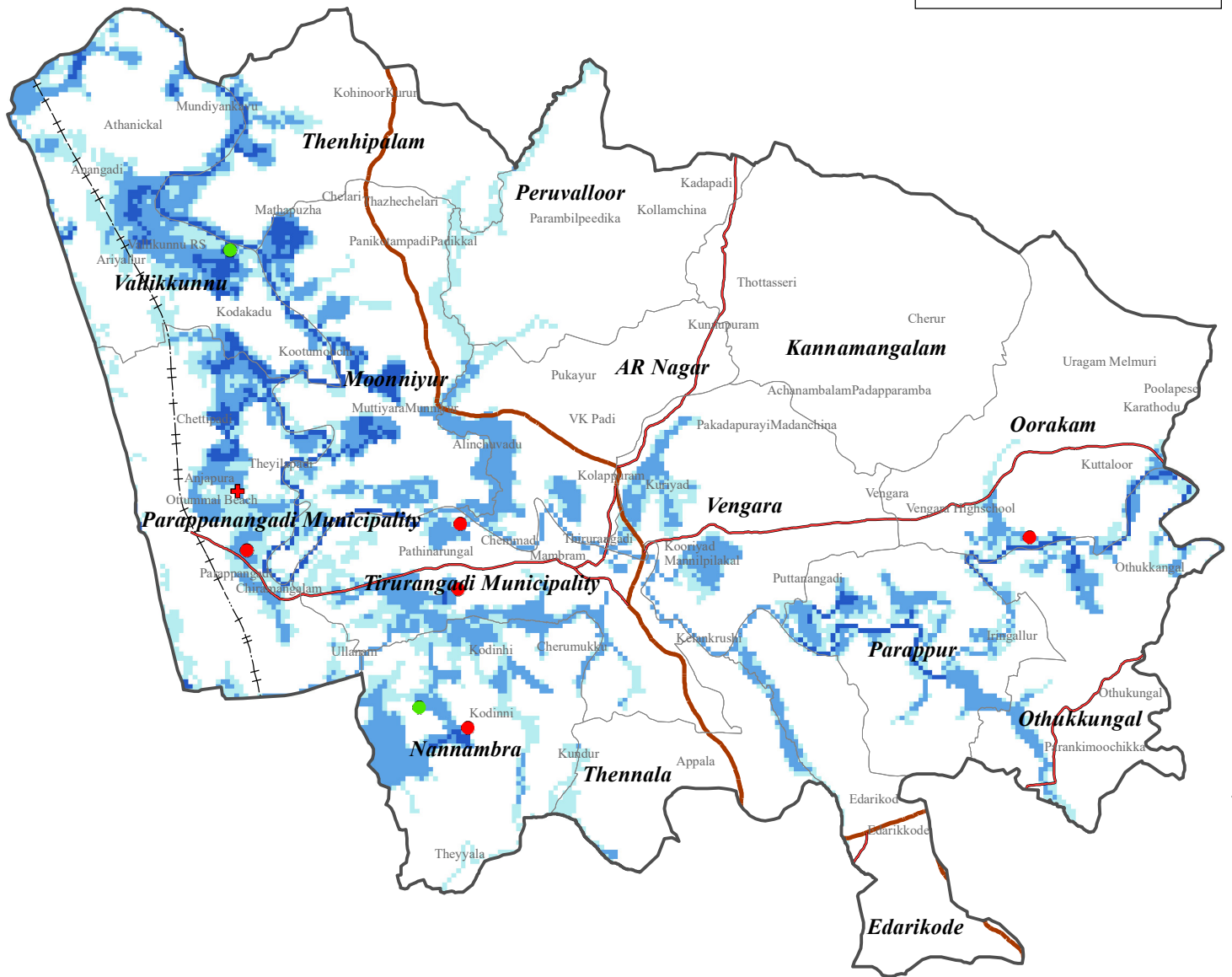
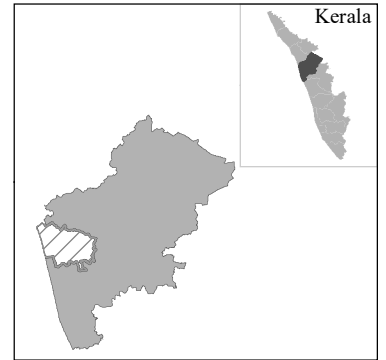
11°0'0"N



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

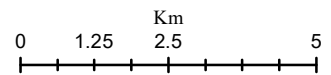
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRURANGADI TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 200 Year Return Probability)



11°0'0"N

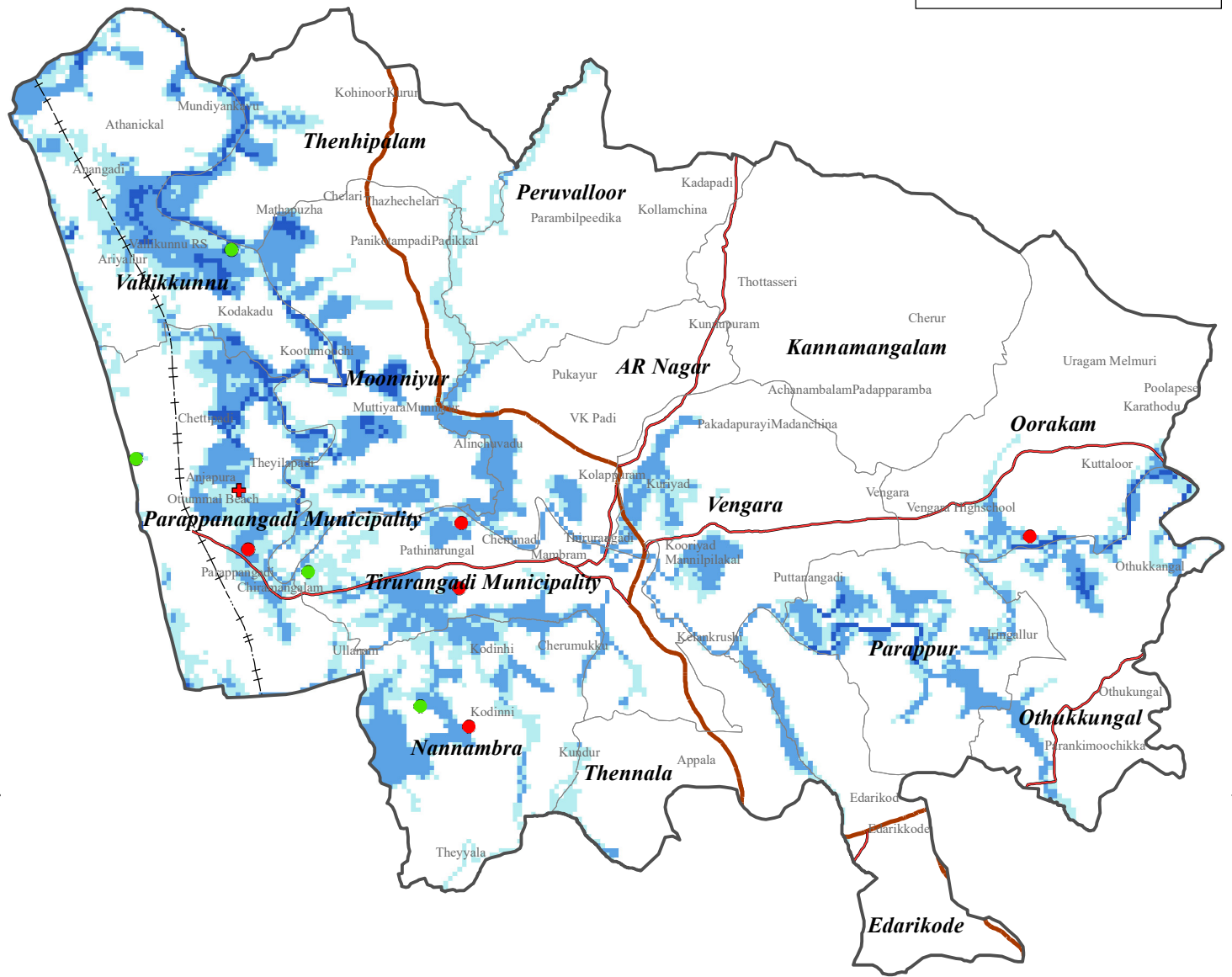
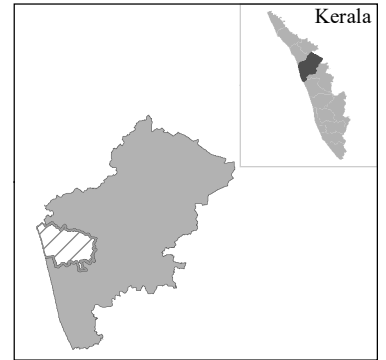
11°0'0"N



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

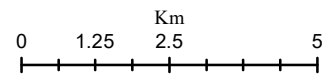
RISK LAB, KSEOC
 Kerala State Disaster Management Authority
 Thiruvananthapuram
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

TIRURANGADI TALUK (MALAPPURAM DISTRICT) Flood Inundation - RCP 8.5 Scenario (1 in 500 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
 External boundaries are not verified. Reference purpose only
 Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

MALAPPURAM DISTRICT						
TIRURANGADI 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
Nannambra						
School						
G. M. L. P. S. Thiruthy	✓	✓	✓	✓	✓	✓
P.S Nannambra		✓	✓	✓	✓	✓
Oorakam						
School						
G.L.P.S O.K. Muri	✓	✓	✓	✓	✓	✓
Parappanangadi Municipality						
Hospital						
CHC Neduva	✓	✓	✓	✓	✓	✓
School						
G. M. L. P. S. Parappanangadi						✓
G.L.P.S Parappanangadi	✓	✓	✓	✓	✓	✓
Tirurangadi Municipality						
School						
A. M. L. P. S. Pantharangadi						✓
G.L.P.S Tirurangadi	✓	✓	✓	✓	✓	✓
Vallikkunnu						
School						
A. L. P. S. Ariyallur East	✓	✓	✓	✓	✓	✓