

**SURVEY ON BASIC DATA / INFORMATION COLLECTION AND CONFIRMATION  
ON  
WATER RESOURCE MANAGEMENT  
IN  
NORTHEAST REGION OF THAILAND**

**FINAL REPORT**  
**(Annex-III GIS Theme Map)**

**SEPTEMBER 2010**

**JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)**  
**SANYU CONSULTANTS INC.**

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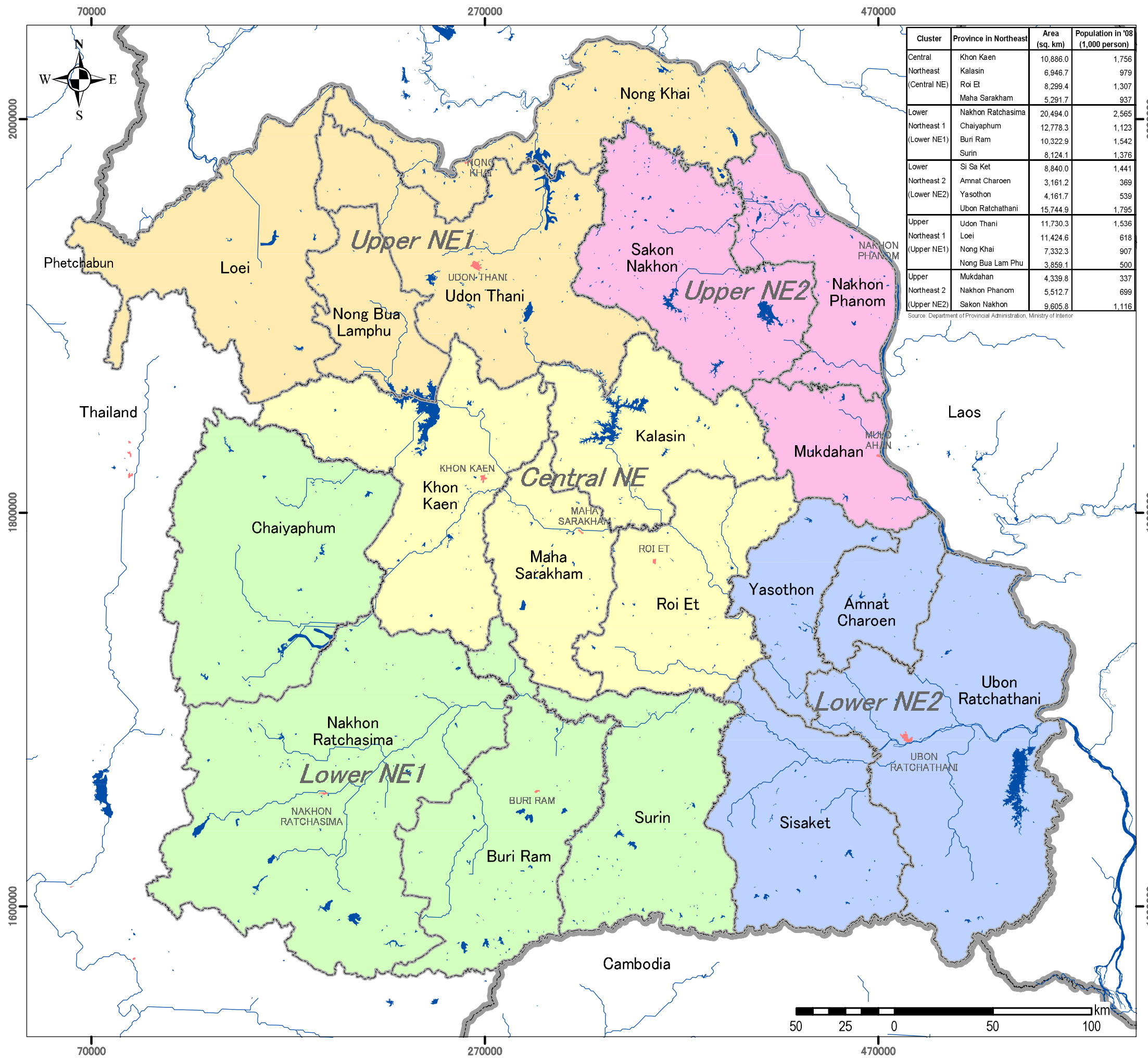
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Cluster	Province in Northeast	Area (sq. km)	Population in '08 (1,000 person)
Central	Khon Kaen	10,886.0	1,756
Northeast (Central NE)	Kalasin	6,946.7	979
	Roi Et	8,299.4	1,307
	Maha Sarakham	5,291.7	937
Lower Northeast 1 (Lower NE1)	Nakhon Ratchasima	20,494.0	2,565
	Chaiyaphum	12,778.3	1,123
	Buri Ram	10,322.9	1,542
	Surin	8,124.1	1,376
Lower Northeast 2 (Lower NE2)	Si Sa Ket	8,840.0	1,441
	Amnat Charoen	3,161.2	369
	Yasothon	4,161.7	539
	Ubon Ratchathani	15,744.9	1,795
Upper Northeast 1 (Upper NE1)	Udon Thani	11,730.3	1,536
	Loei	11,424.6	618
	Nong Khai	7,332.3	907
	Nong Bua Lam Phu	3,859.1	500
	Mukdahan	4,339.8	337
Upper Northeast 2 (Upper NE2)	Nakhon Phanom	5,512.7	699
	Sakon Nakhon	9,605.8	1,116

Source: Department of Provincial Administration, Ministry of Interior

# 1-1 Provincial and Cluster Boundary in Northeast Region

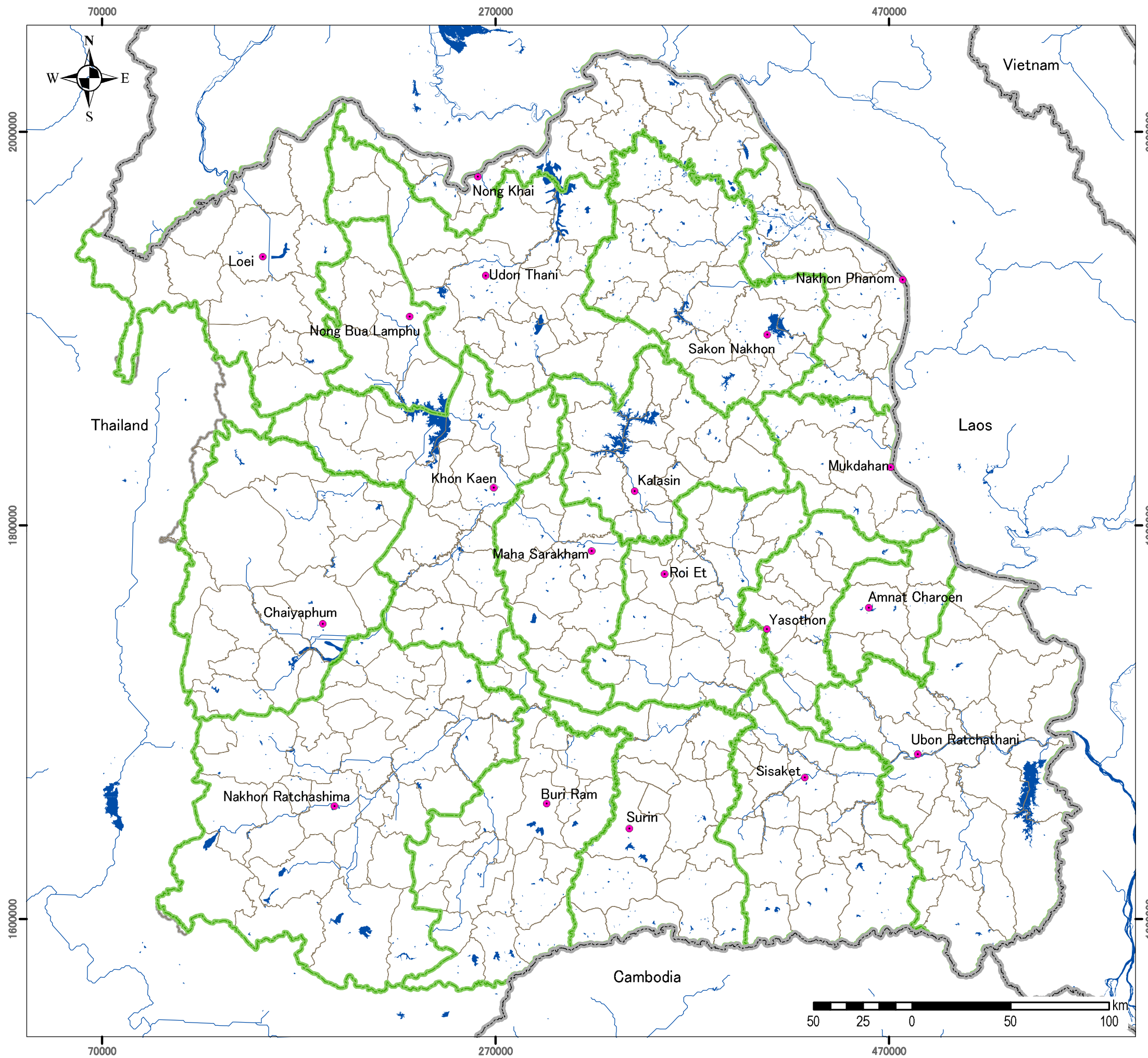
**Note:**  
Data Source: RID

**Date:** September 2010

## LEGEND

- Region Cluster**
- Upper NE1
- Upper NE2
- Central NE
- Lower NE1
- Lower NE2
- International Boundary
- Provincial Boundary
- Built Area
- Rivers









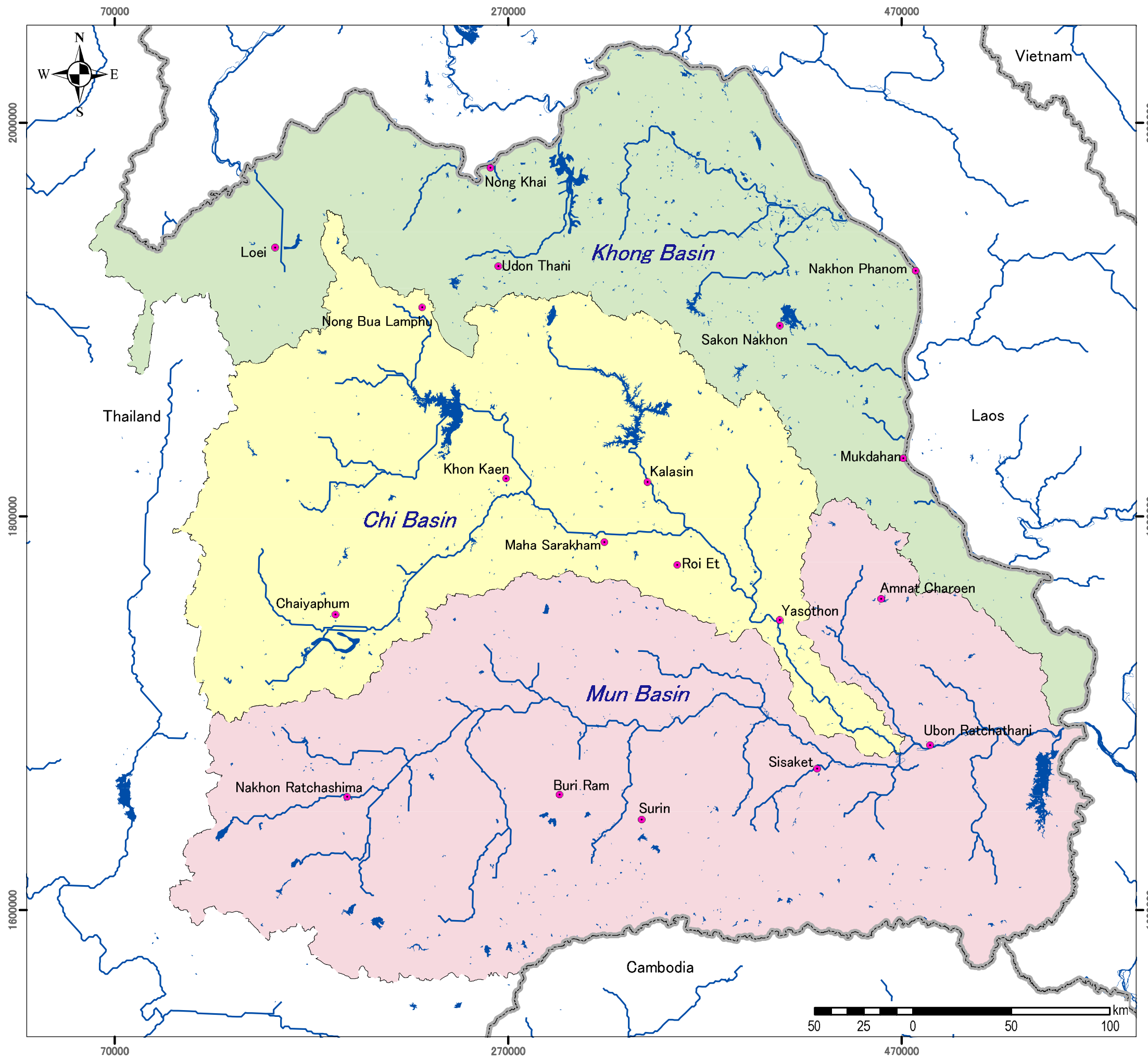
**1-2**  
**Amphoe Boundary in Northeast Region**

**Note:**  
 Data Source: Region 6 Office, RID

**Date:** September 2010

**LEGEND**

-  International Boundary
-  Provincial Boundary
-  Amphoe Boundary
-  Rivers



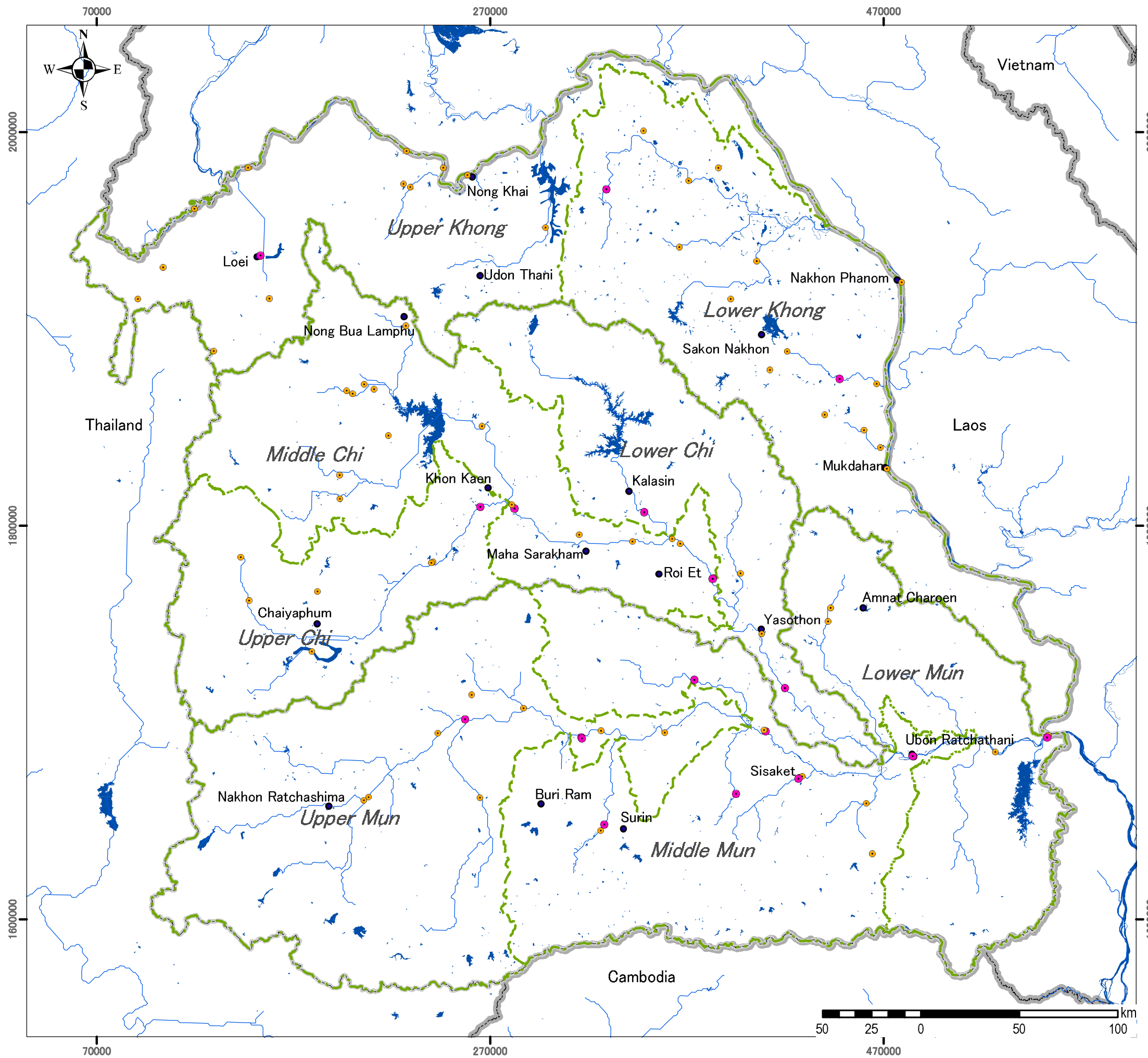
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**Note:**  
 Data Source: Region6 Office, RID

**Date:** September 2010

**LEGEND**

- Khong basin
- Chi basin
- Mun basin
- International Boundary
- Rivers










**1-4**  
Sub-basin Boundary in Northeast Region

**Note:**  
Data Source: RID

**Date:** September 2010

**LEGEND**

-  International Boundary
-  Basin Boundary
-  Sub-basin Boundary
-  Gauging Station
-  Gauging Station (Selected Control Point)
-  Water body
-  Rivers