

**The Reasonable Land Parcel  
Identification of Local  
Government in Thailand**

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Identification of Local  
Government in Thailand**

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**THAILAND**

## Topic

- **WORKING STATEMENT**
- **PROPERTY TAXATION CONCEPTS**
- **LAND PARCEL IDENTIFICATION**
- **TAX MAP IN SUB-DISTRICT ADMINISTRATION**
- **PARCEL NUMBERING SYSTEM ANALYSIS**
- **LAND PARCEL IDENTIFICATION NUMBER**
- **THE EVALUATION**
- **CONCLUSION**

## WORKING STATEMENT

- Sub-district Administrative Organization(SAO) have collected property tax by using cadastral map to locate tax lots and assets.
- Tax maps are created in digital information that would be tied to a spatial data and non-spatial data for displaying.
- The land parcel identification is invented to relate to land record both spatial and non-spatial on this paper.

## **PROPERTY TAXATION CONCEPTS**

- The tasks are discovery land value and listing assets of the taxable property by;
  - **The assessment process**
  - **Tax map characteristic**
  - **Uses of tax maps**

### **The assessment process**

- interested in the parcels of realty situated within the jurisdiction
- the entities together on tax maps, parcel identification system, and property information records in the work of assessors
- assessors must know its influence, if any, on the taxable component

## **Tax map characteristic**

- show boundary lines, dimensions, and a unique identifier for each parcel for their basic purpose is to make possible the discovery, listing and valuation of taxable realty.
- interrelated via parcel identification
- associated plan and also an index card file

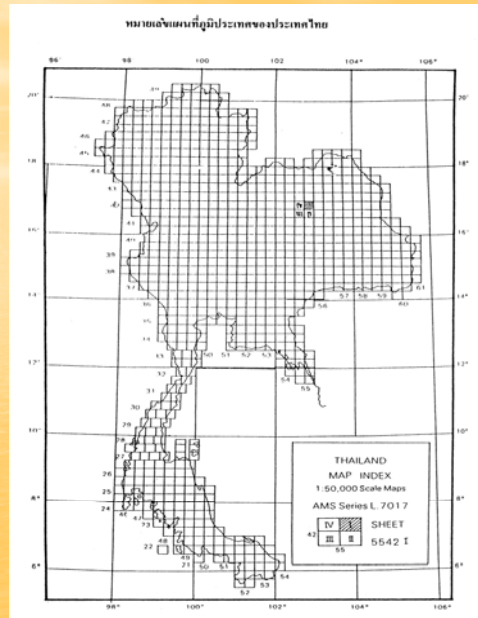
## **Uses of tax maps**

- to discover property naturally leads to their use in valuation activity.
- together with associated records in the system
- linkage between tax maps and land use occurs via parcel identification



## LAND PARCEL IDENTIFICATION

- On the cadastral system in Thailand under Department of Land regulation
- For example; Sheet Name: Nakornrachasrma Province, 1/4000 scale No. 5538IV-4234 Parcel Number



## **TAX MAP IN SUB-DISTRICT ADMINISTRATION**

Ortho Photos are used for overlaying the digital boundary map

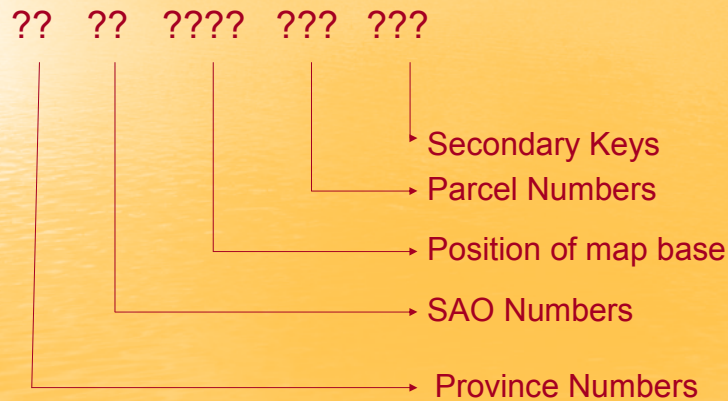


## **PARCEL NUMBERING SYSTEM ANALYSIS**

- government survey, map-base and geographic coordinate code.
- DOL parcel identification is government survey, both of number and alphabet, national administration, precise by field survey, base on map projection. And only primary key.
- SAO parcel identification is base on base map as secondary data, specific area and purpose, should be in primary key and secondary key for cross reference to other record.

## LAND PARCEL IDENTIFICATION NUMBER

Five Groups of Numbers



## THE EVALUATION

- The land parcel identification must be provided to link not only to integrating land parcel information but also to across jurisdictional area and business process.
- The new data producers can be appended to the parcel identifier without disturbing current data producer's specification and across the other data set as a separate attribute.
- historical information tracking and reuse or retirement of parcel identification by pointing to records in source file and databases.
- could be nationally uniqueness number .



## **CONCLUSION**

- The reasonable LPI has suggested to improve individual SAO recording system, with the incorporation of computer database systems in the future to share data national widely.
- Tax maps trends to interrelate in cadastral systems without conflict due to the same representing with difference code.

**THANK YOU**