

A map of East Asia with China highlighted in a solid dark red color. The surrounding countries and islands are shown in a light gray color.

One Map

for Integrated Cadastral Administration

All for One?



A 3D illustration of a globe centered on the Atlantic Ocean, with North and South America visible. The globe is connected by blue lines to various computer hardware components arranged around it. These components include two desktop computers with monitors, keyboards, and towers; two laptop computers; a scanner; and a server rack with four units. The entire scene is set against a light blue background.

One for All!

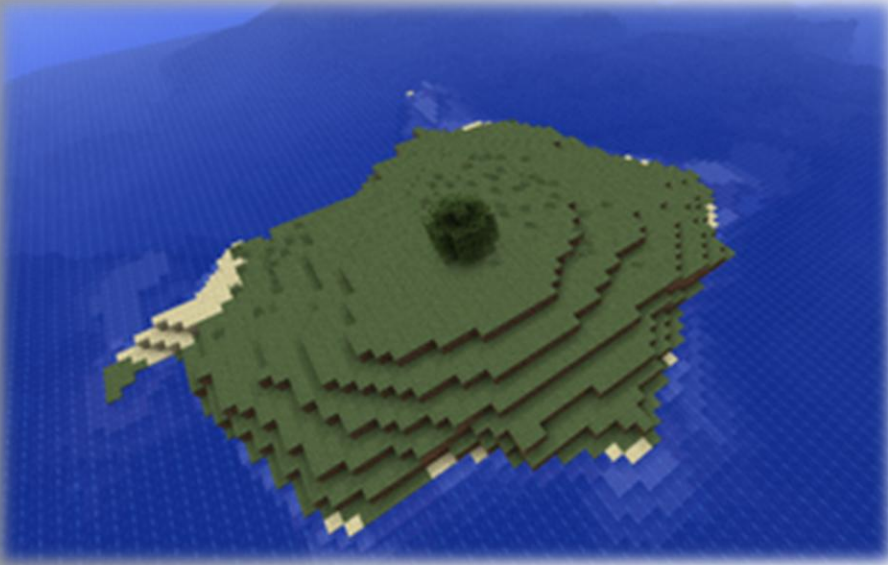
Simplify Your Work!

One Map of Ziyang City



- Covered Area: 8000 km²
- Built-up Area: 70 km²
- Population: 5 million

Problem 1: Isolated information



Isolated DB



Permits



Real-time
Update

- Land use status data
- Urban cadastral data
- Agricultural data
- Remote sensing data
- Approval business data



Problem 2: Business Interaction



Land



Mining Resource



Geological Environment

**Dozens of
administrative
permits**

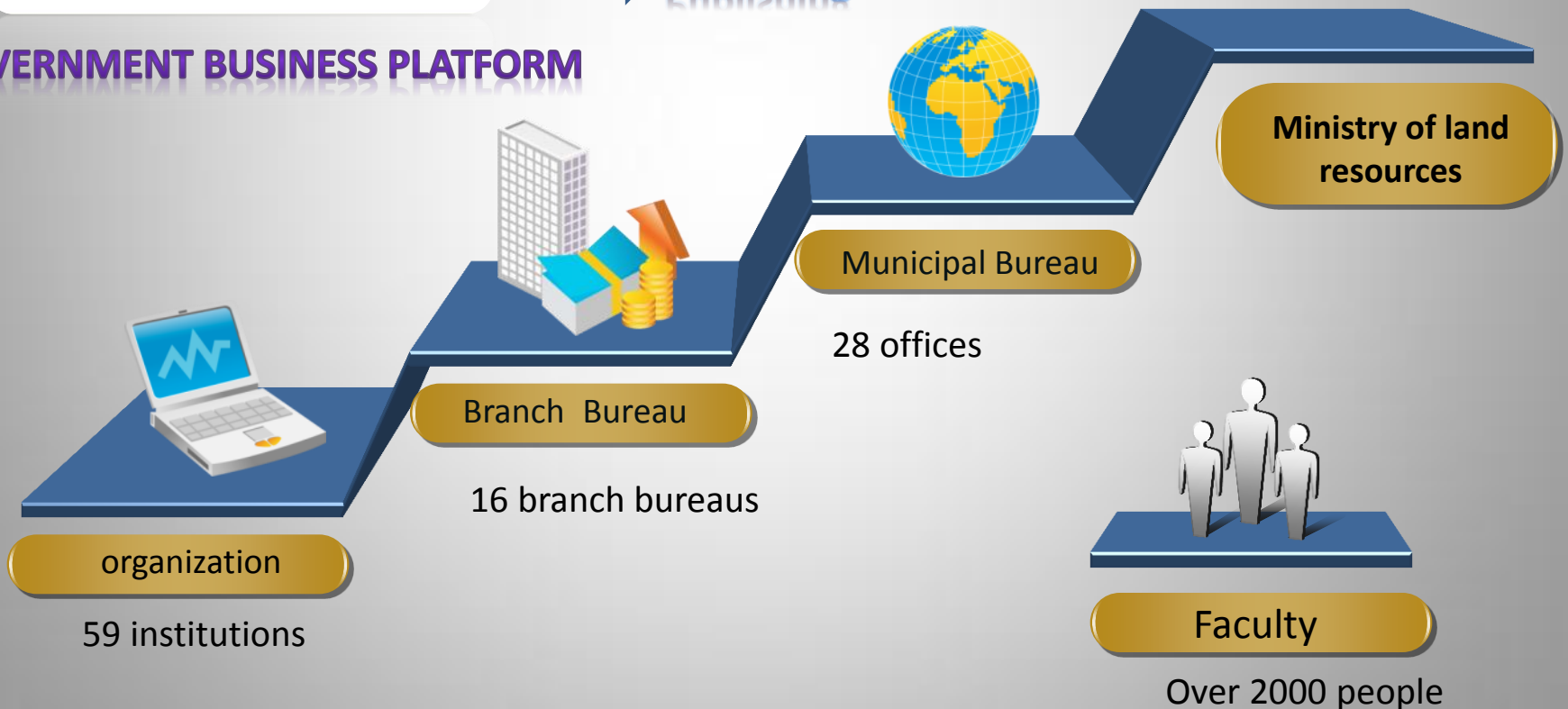


Problem 3: System Integration



- Administrative approval
- Thematic system
- Statistics and decision-making
- Publishing

E-GOVERNMENT BUSINESS PLATFORM

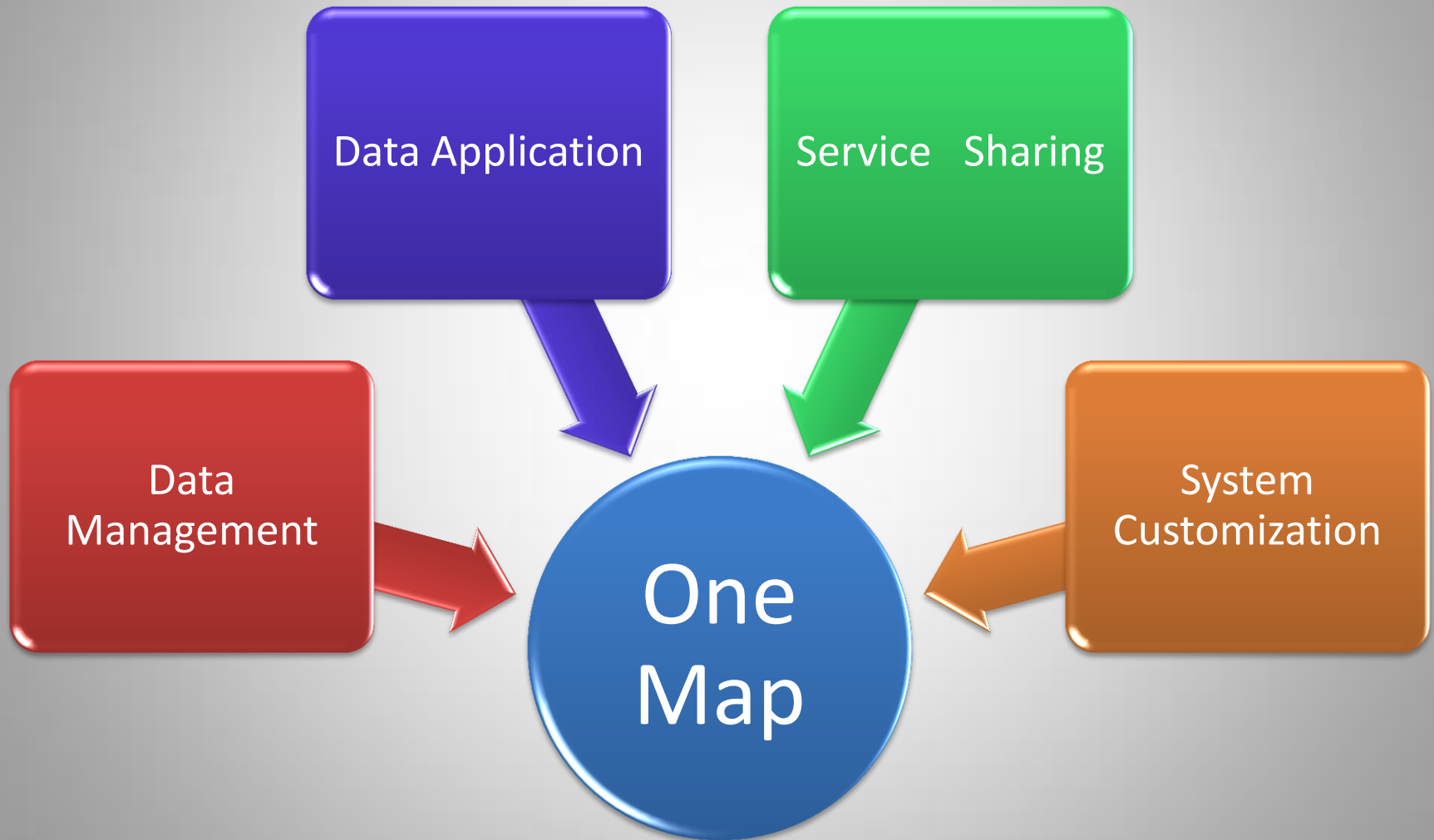


Report to National Ministry

Bureau Website



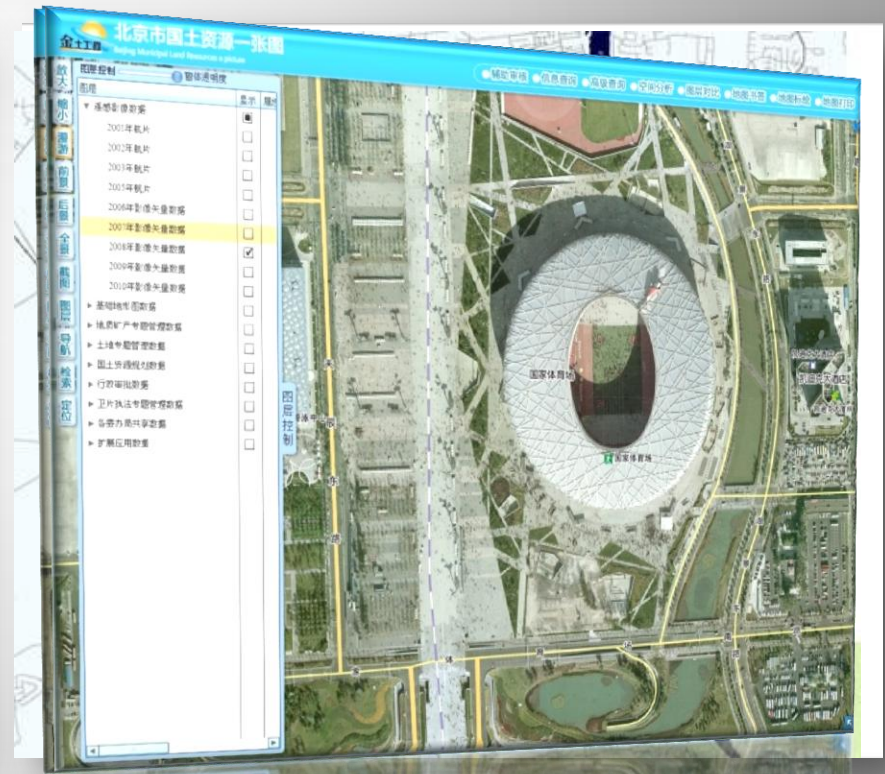
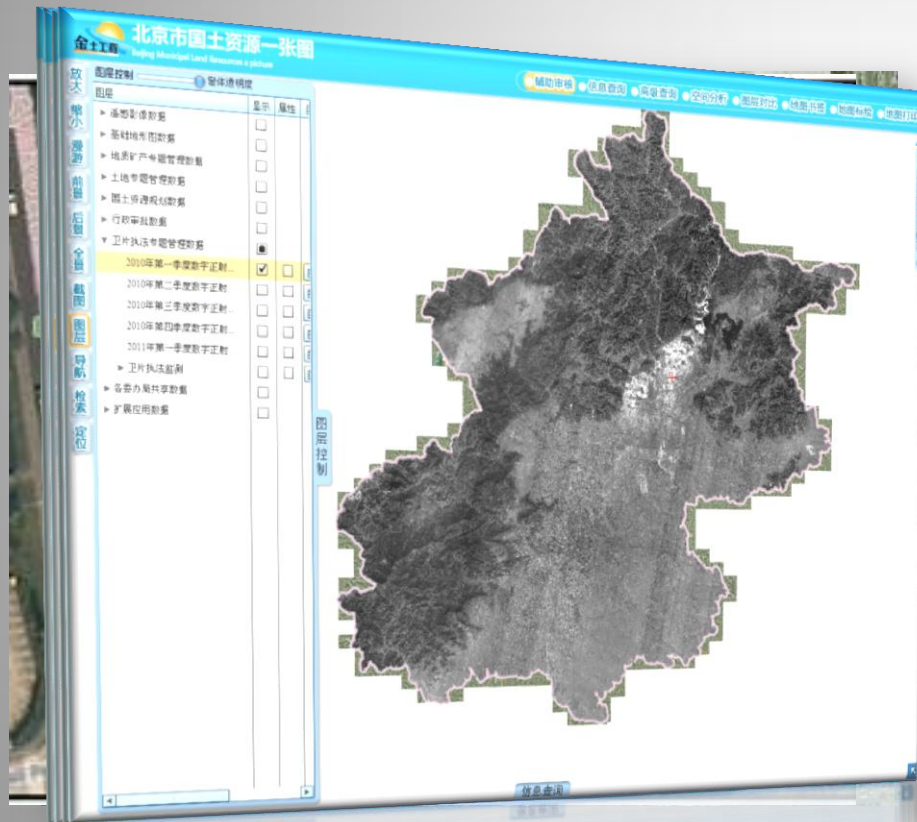
One Map



A red rounded rectangle with a slight gradient and a thin white border, centered on a light gray background.

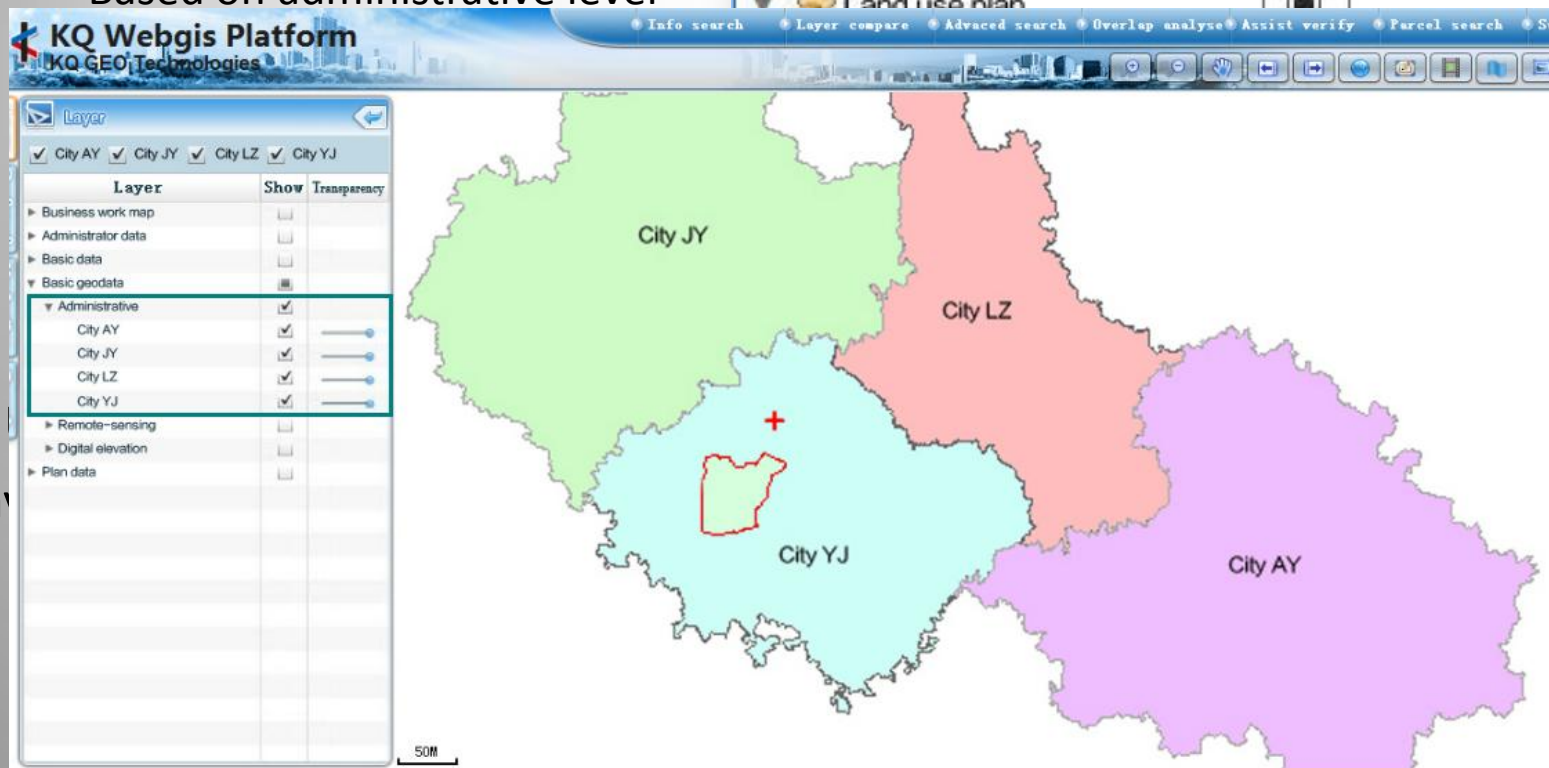
Data Management

Data: Multi-source



Data: Archit

- Open catalogue architecture
 - Category type:
 - Based on administrative level

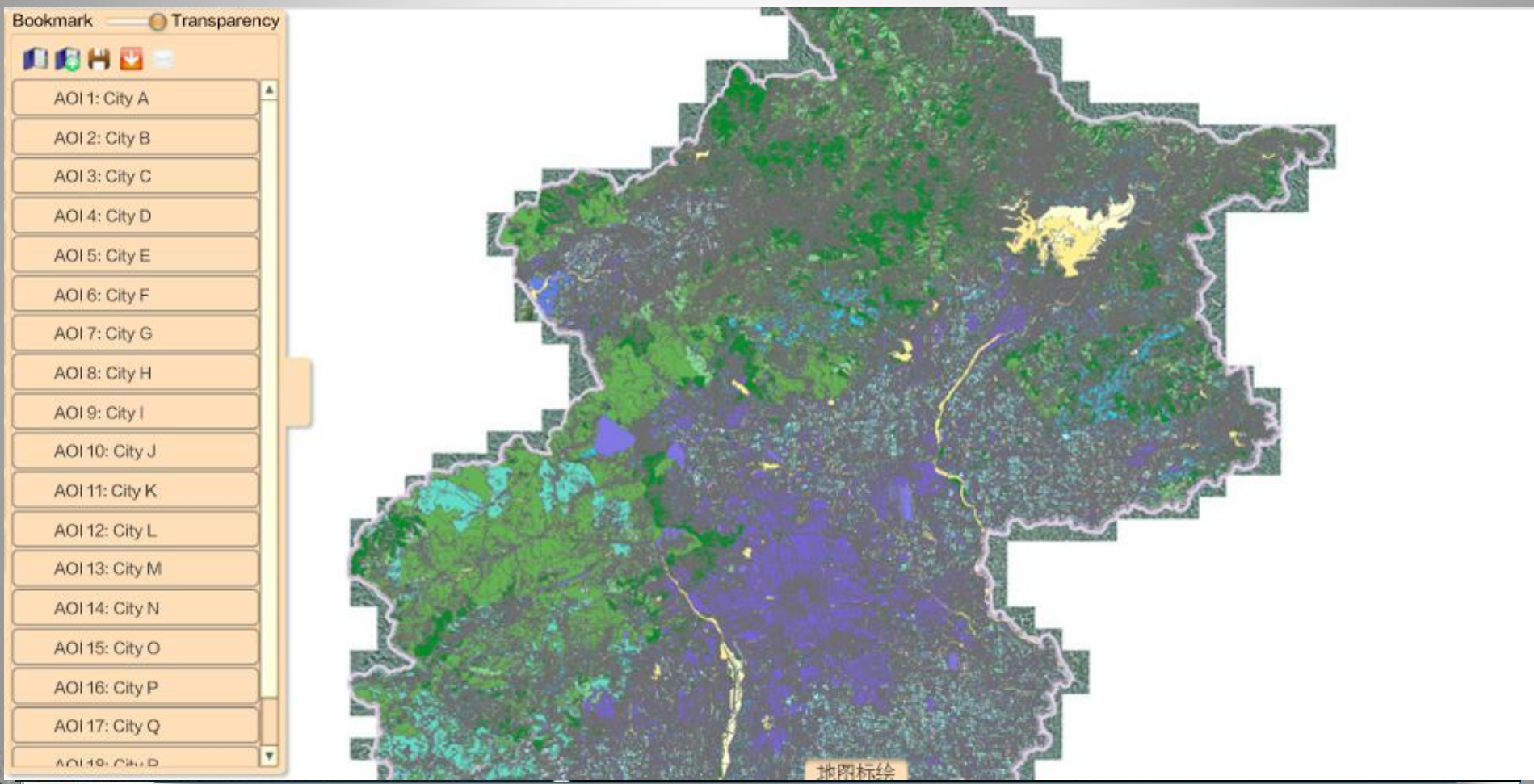




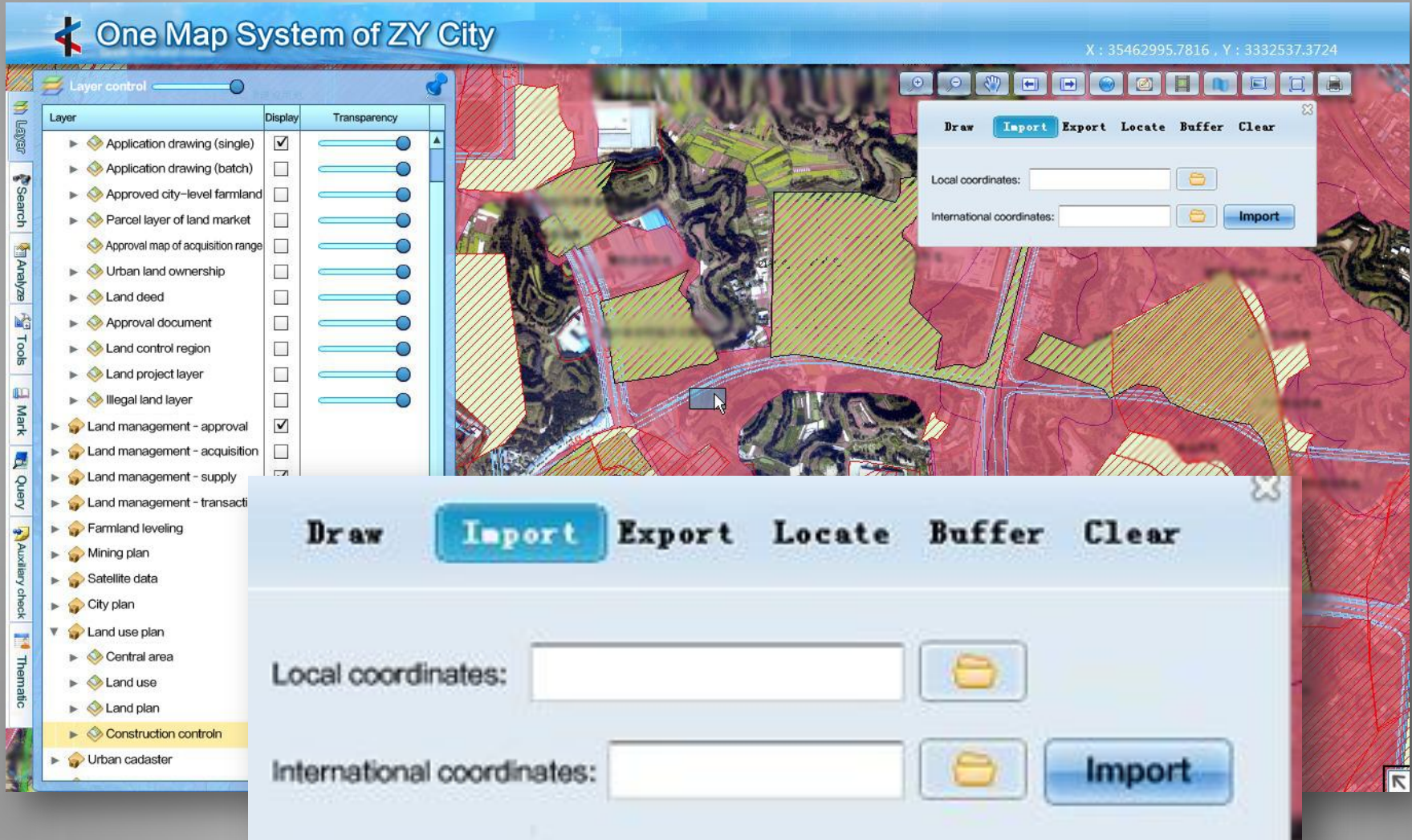
Data Application

Application: View operation

- View



Application: Import and Export



Application: Lot-based analysis

- Lot attribute search

The screenshot displays a GIS application interface. On the left, an 'Advanced query' panel is open, showing a filter for 'KJGZ' and 'LX'. The map area shows various land use zones, with 'Urban construction land zone' labeled in several places. A pop-up window for 'Line 8:' provides detailed attributes for a selected feature. At the bottom, a table lists the search results, showing 1000 results found. The table has columns for No., KJGZ, LX, SHAPE AREA, SHAPE LEN, Original direction 1, and Original direction 2. The first four rows of the table are visible, all showing 'Allowed construction land' for KJGZ and 'Urban' for LX.

Advanced query

Service and Layer

Land use control

Land use control

Filter

Double click for unique value

OBJECTID

KJGZ

LX

Operator

Value

= <> Includes Allowed construction land

< <= and Conditional construction land

> >= or Forbidden construction land

filter:

KJGZ=' Allowed construction land'

Clear Query Clear result

1000 results are found!

Advanced query

Line 8:

OBJECTID: 8

LX: Urban

Original direction 1

Original direction 2

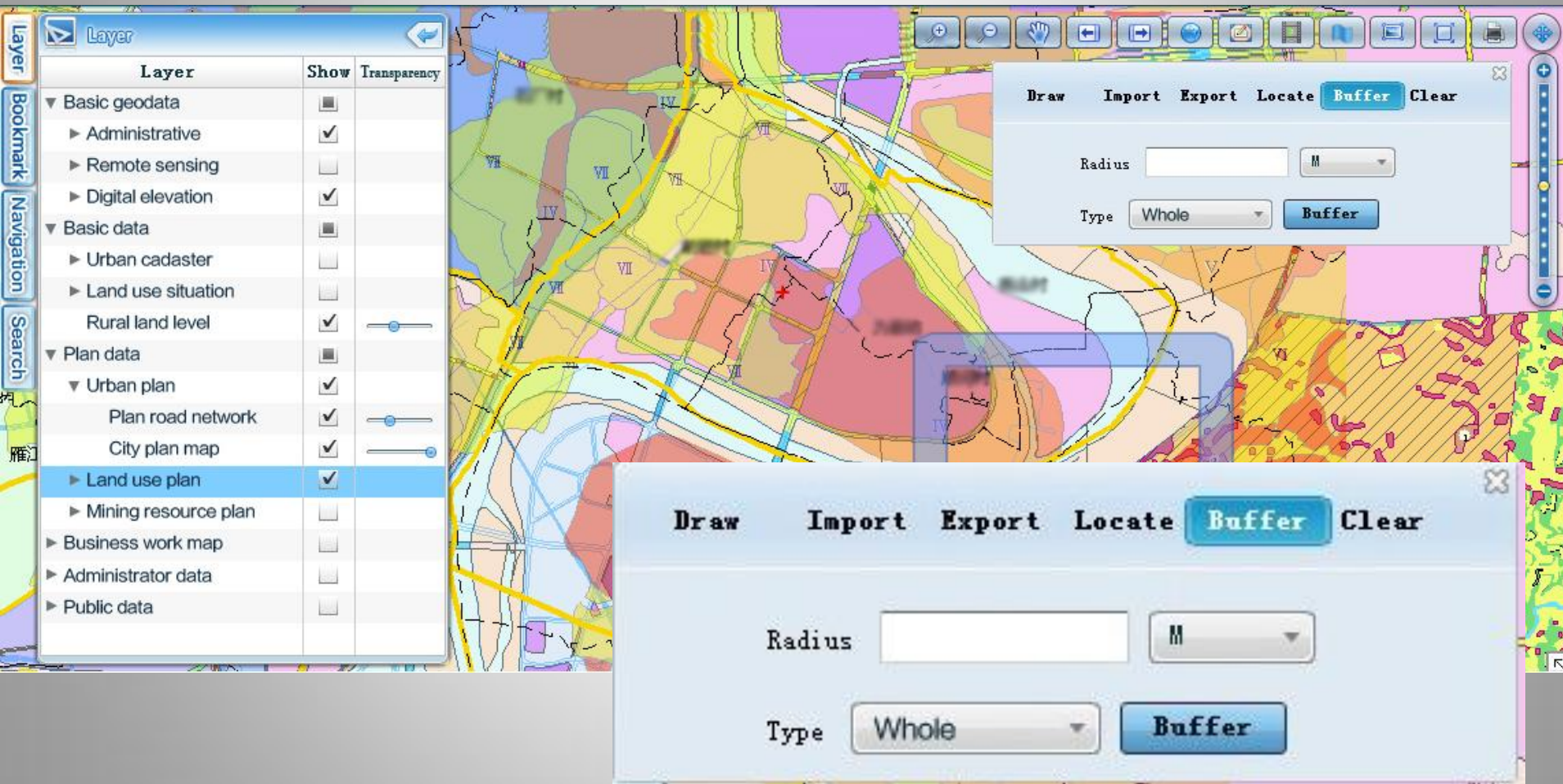
SHAPE AREA: 191592.56126054

SHAPE LEN: 1808.69096130049

No.	KJGZ	LX	SHAPE AREA	SHAPE LEN	Original direction 1	Original direction 2
7	Allowed construction land	Urban				
8	Allowed construction land	Urban				
9	Allowed construction land	Urban				
10	Allowed construction land	Urban				

Previous Next Page Confirm 1/100page Export to Excel

Application: Buffer Analysis



Application: Overlay Analysis

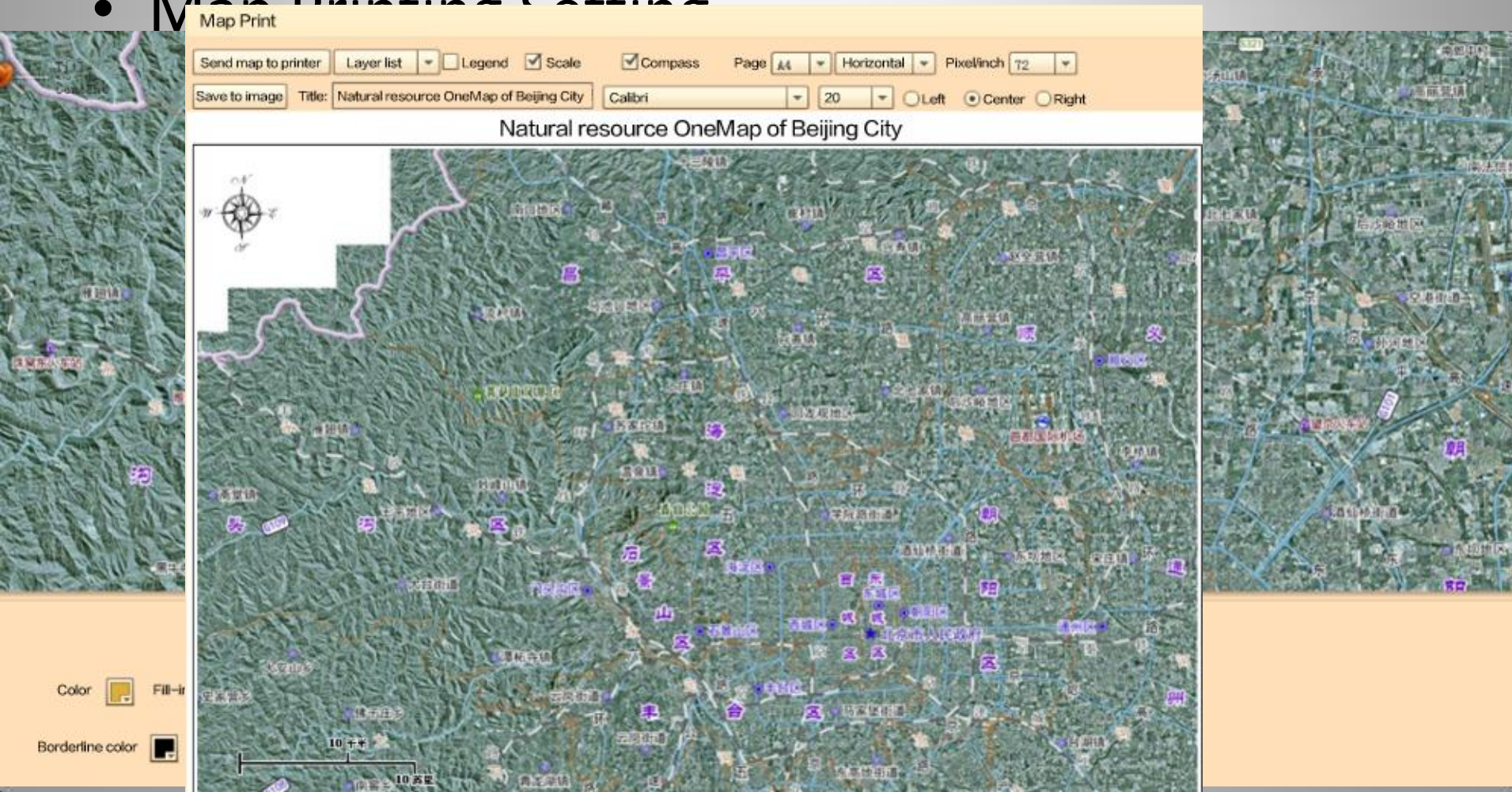
- Basic Overlay Analysis
- Useful Overlay Analysis Plus+
 - Thematic analysis for decision-making

Report of Boundary Definition

Lot name		Document No.		Land type			
Import coordinate	Export coordinate	Preview	Import report				
	Adjacent point	Description	Coordinate X	Coordinate Y	Elevation	Side length	Symbol
8	<input type="checkbox"/>		35464678.27...	3332144.114...			
9	<input type="checkbox"/>		35464706.32...	3332131.890...			
10	<input type="checkbox"/>		35464730.66...	3332130.832...			
11	<input type="checkbox"/>		35464756.06...	3332232.432...			
12	<input type="checkbox"/>		35464798.40...	3332306.515...			
13	<input type="checkbox"/>		35464851.31...	3332416.529...			
14	<input type="checkbox"/>		35464904.76...	3332357.897...			
15	<input type="checkbox"/>		35464978.84...	3332430.922...			
16	<input type="checkbox"/>		35465029.64...	3332369.539...			
17	<input type="checkbox"/>		35465086.79...	3332308.156...			
18	<input type="checkbox"/>		35465131.24...	3332251.006...			
19	<input type="checkbox"/>		35465171.46...	3332189.622...			
20	<input type="checkbox"/>		35465158.23...	3332153.004...			
21	<input type="checkbox"/>		35465094.73...	3332015.421...			
22	<input type="checkbox"/>		35464986.78...	3331788.937...			D

Online Drawing and Printing

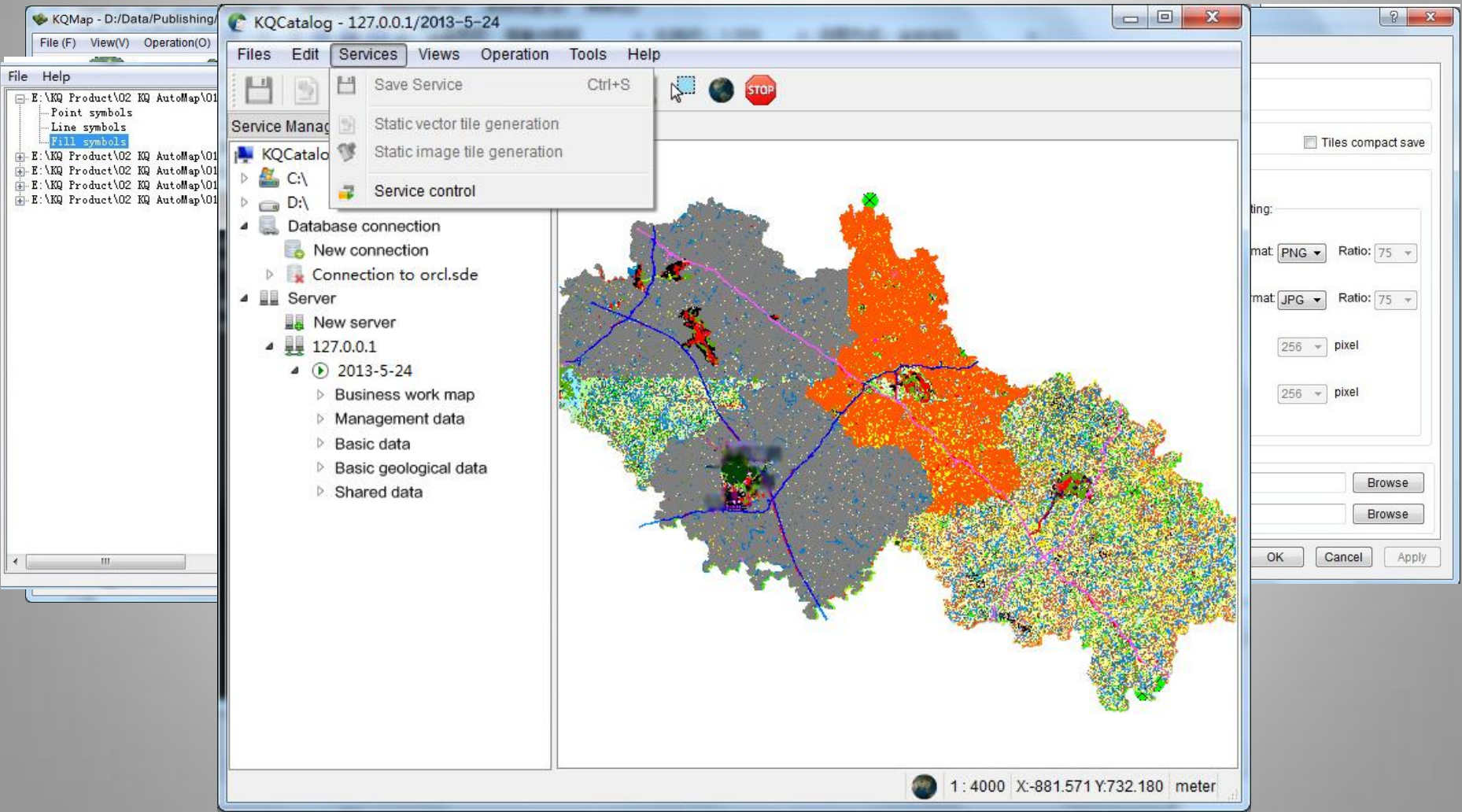
- Drawing and export to GIS formats
- Map Printing Settings



Service Sharing

Sharing: background operation

1st – Map configuration and service publishing 2nd – Map tiling



Instant Share!
Instant Decision!

Land use

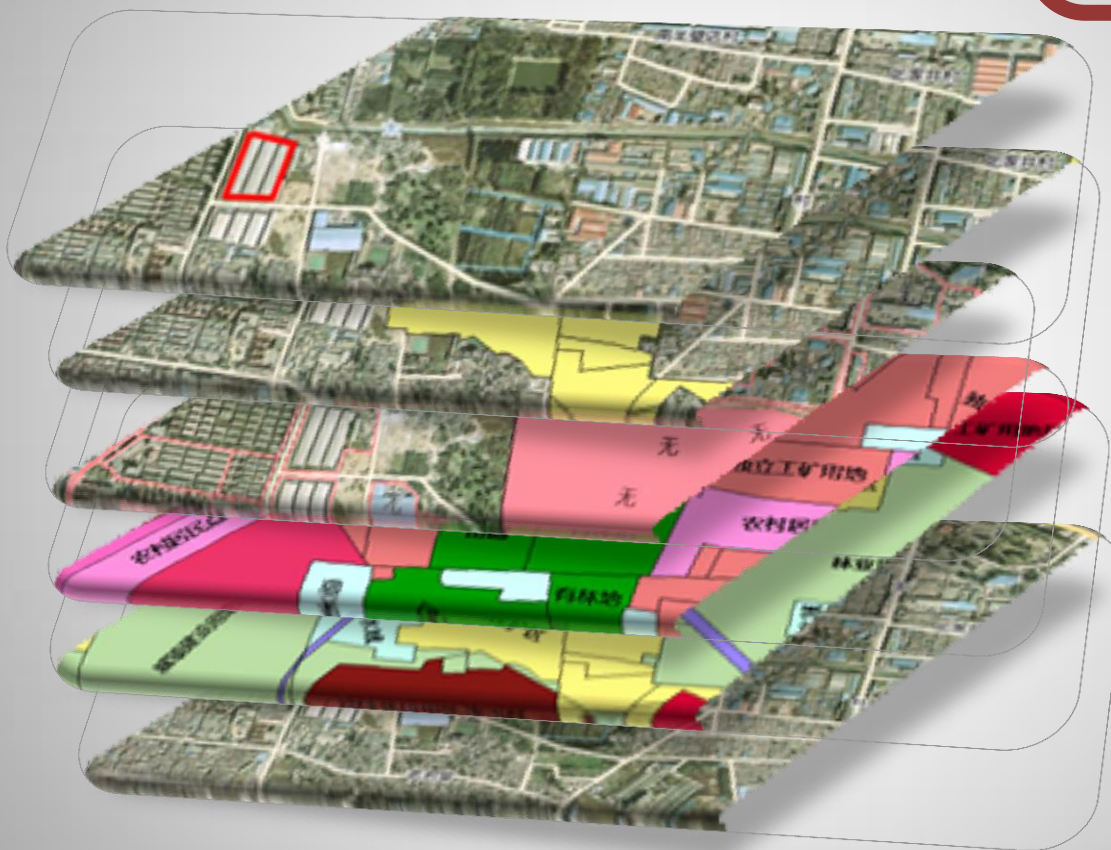
Farmland

Cadastre

Land status

Land plan

Satellite image



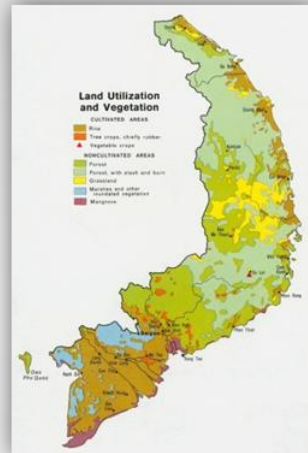
An orange rounded rectangle with a slight gradient and a thin white border, centered on a light gray background.

System Customization

Customize your One Map !

A lot to be inspired...
A lot to be done...

Cadastral
administration



Mining



Forestry
IMS



Water resource
management



Farmland
conservation



Property

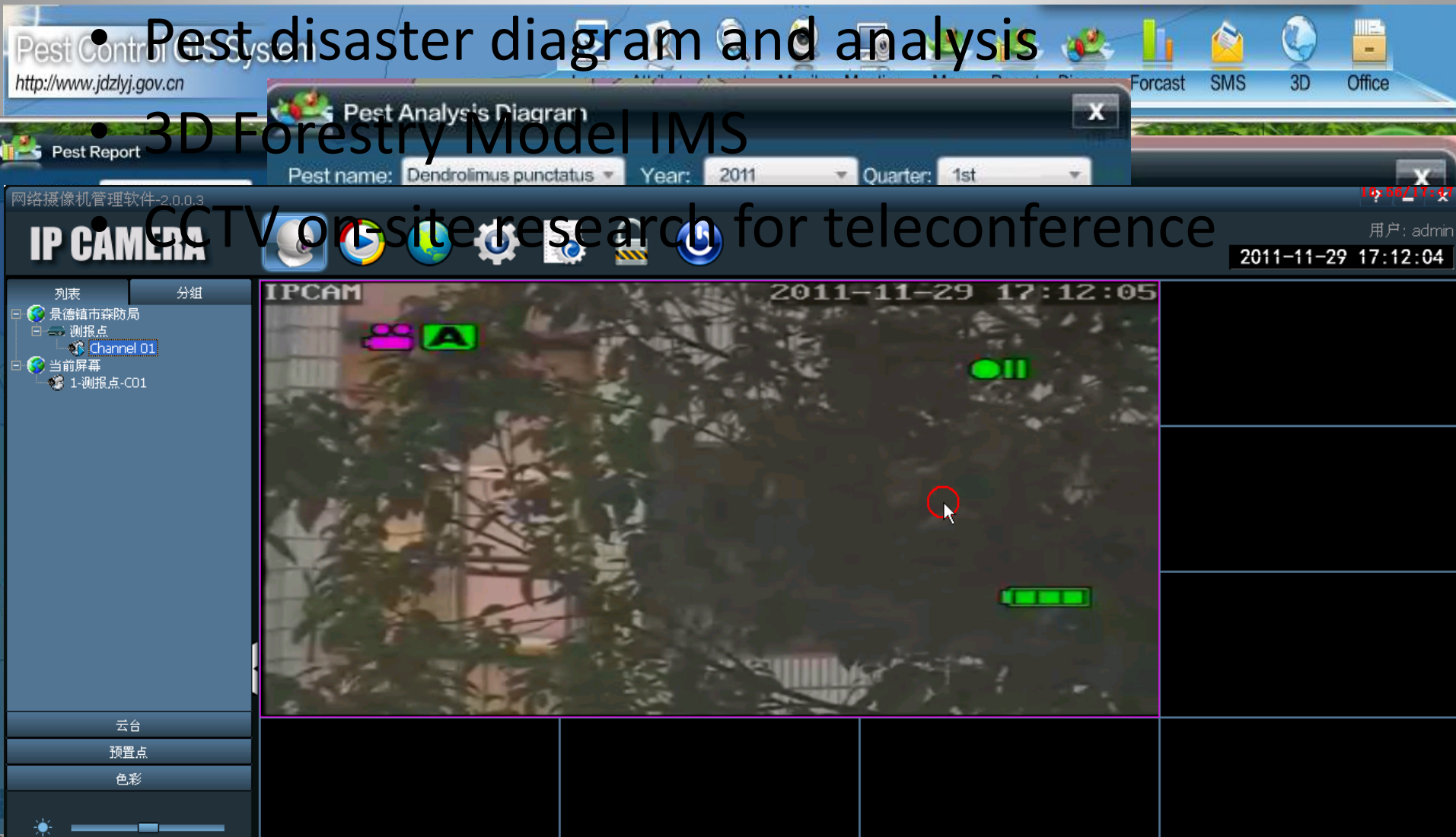


Disaster control



Forestry - Pest Control System

- General OneMap Functions
- Pest disaster diagram and analysis
- 3D Forestry Model IMS
- CCTV on-site research for teleconference



THANKS!

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