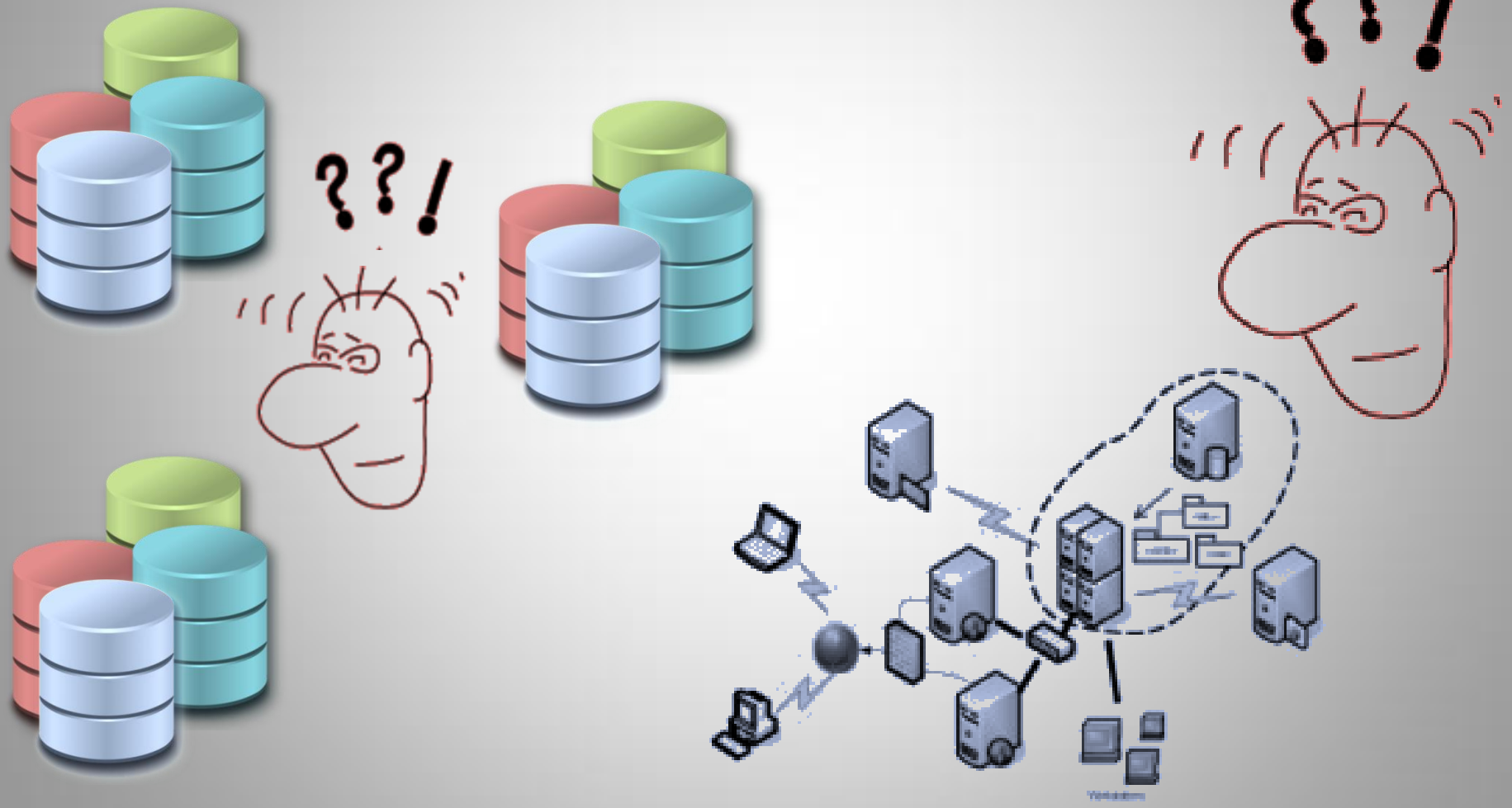
One Map

for Integrated Cadastral Administration

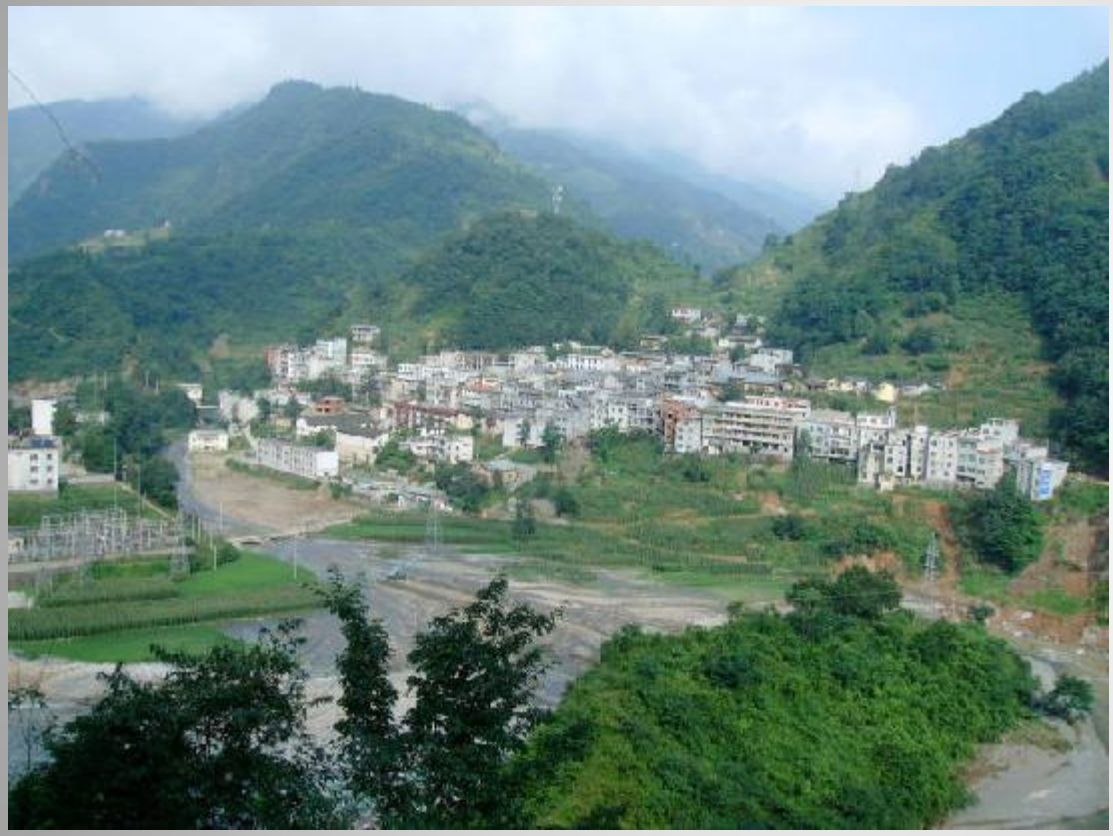
KQ GEO Technologies

All for One?



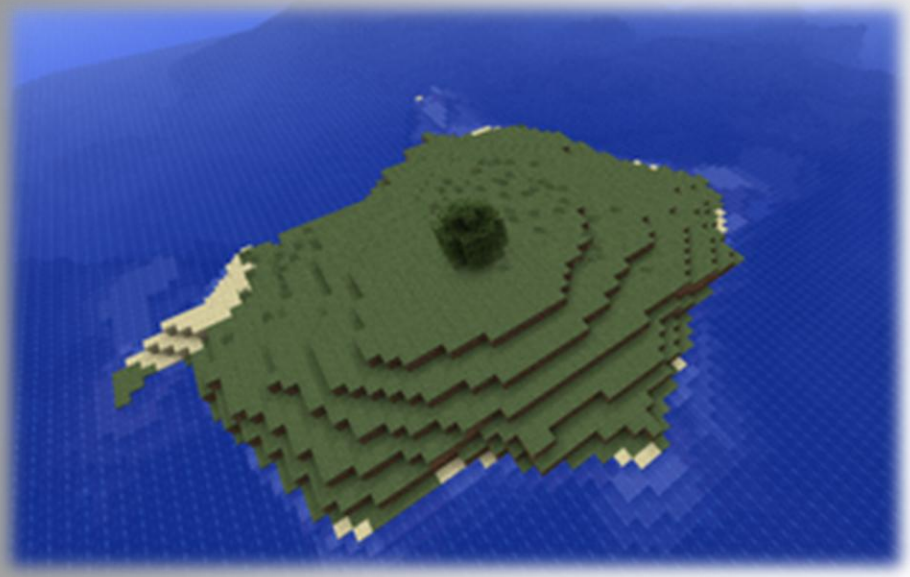
One for All!
Simplify Your Work!

One Map of Ziyang City



- Covered Area: 8000 km^2
- Built-up Area: 70 km^2
- 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

ZIYANG
THE BUREAU OF LAND RESOURCES

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

Ministry of land resources

Municipal Bureau

28 offices

Branch Bureau

16 branch bureaus

Faculty

Over 2000 people

organization

59 institutions

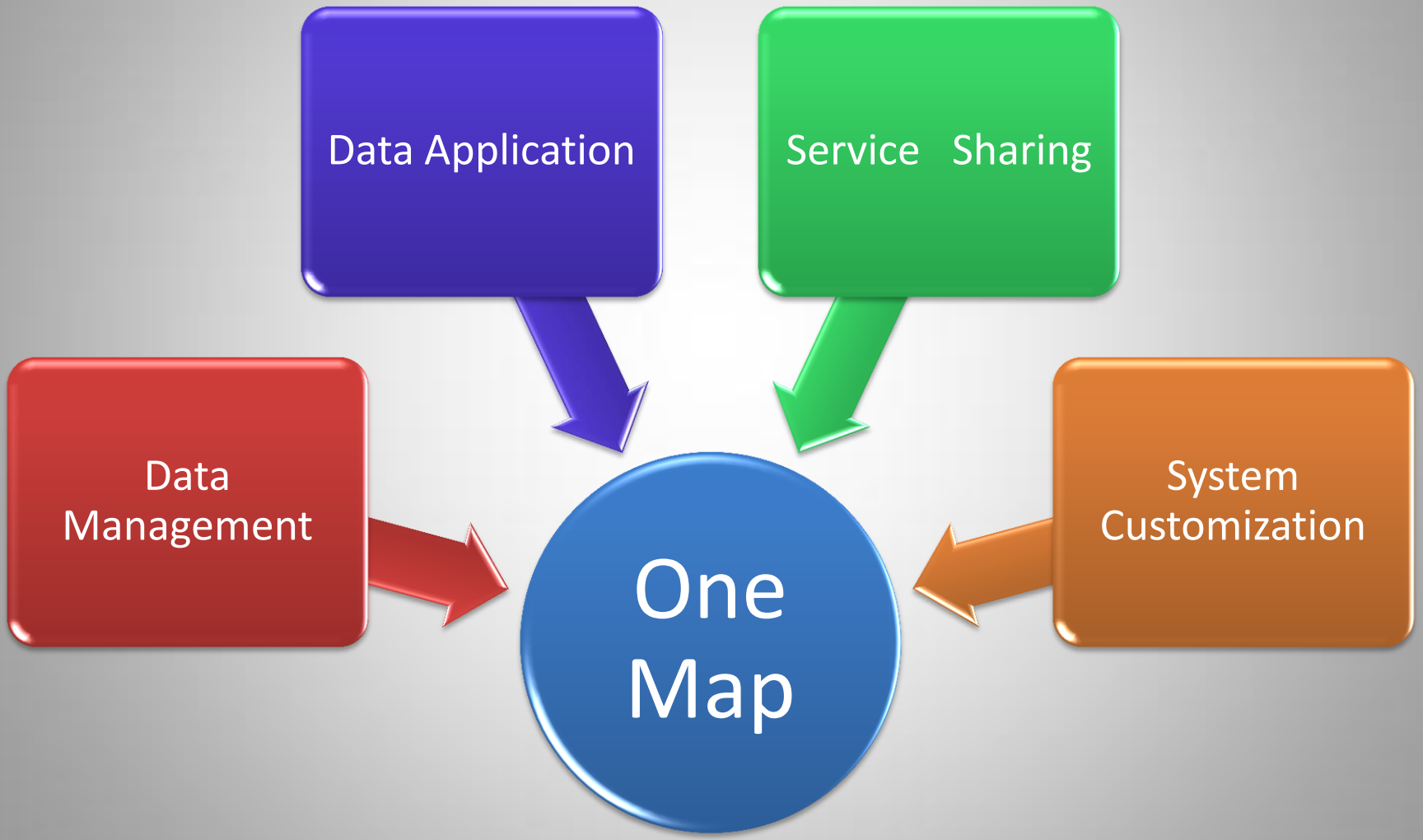
Problem 4: Public Sharing

Report to National Ministry

Transparent Government

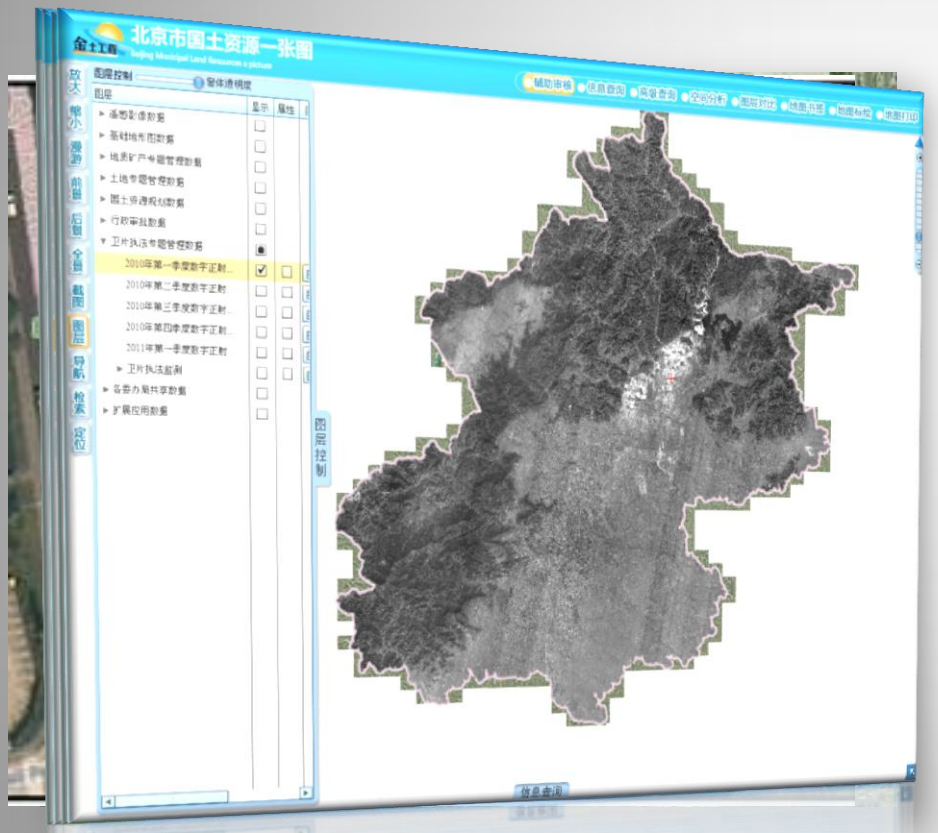
Bureau Website

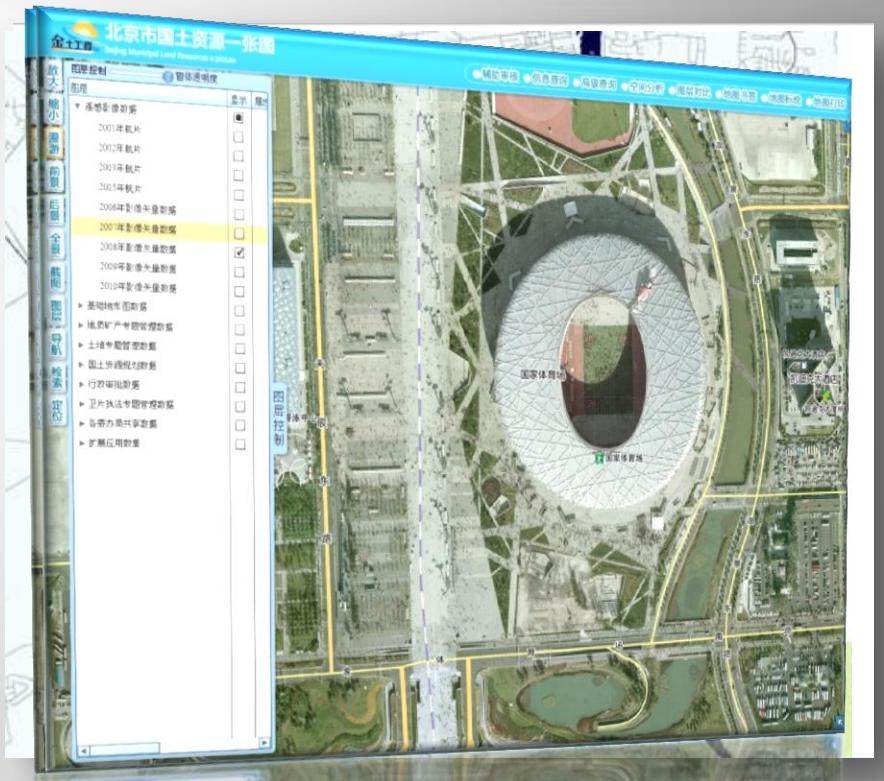
One Map


Data Application
Service Sharing
Data Management
System Customization
One Map

Data Management

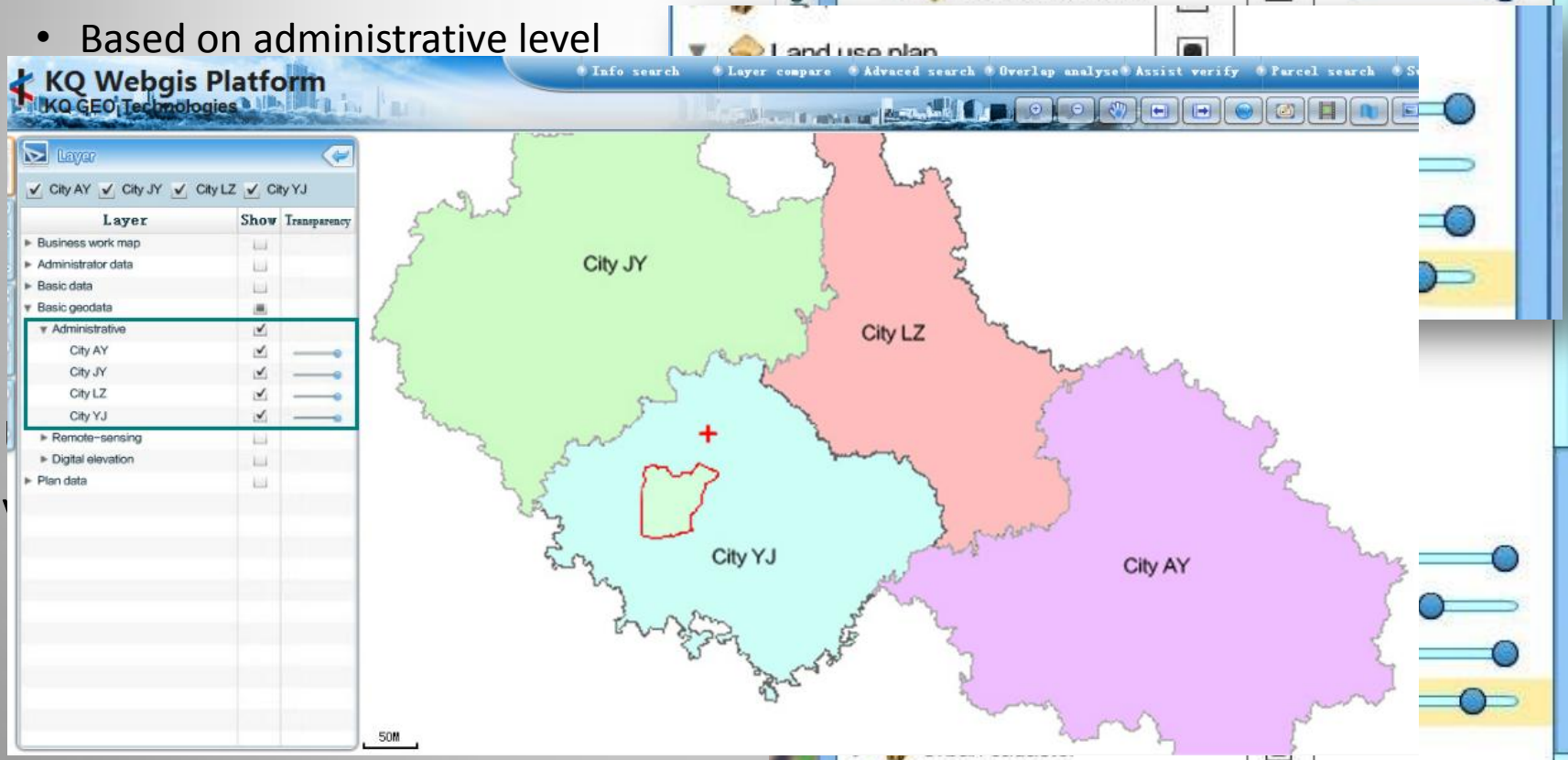
Data: Multi-source





Data: Archit

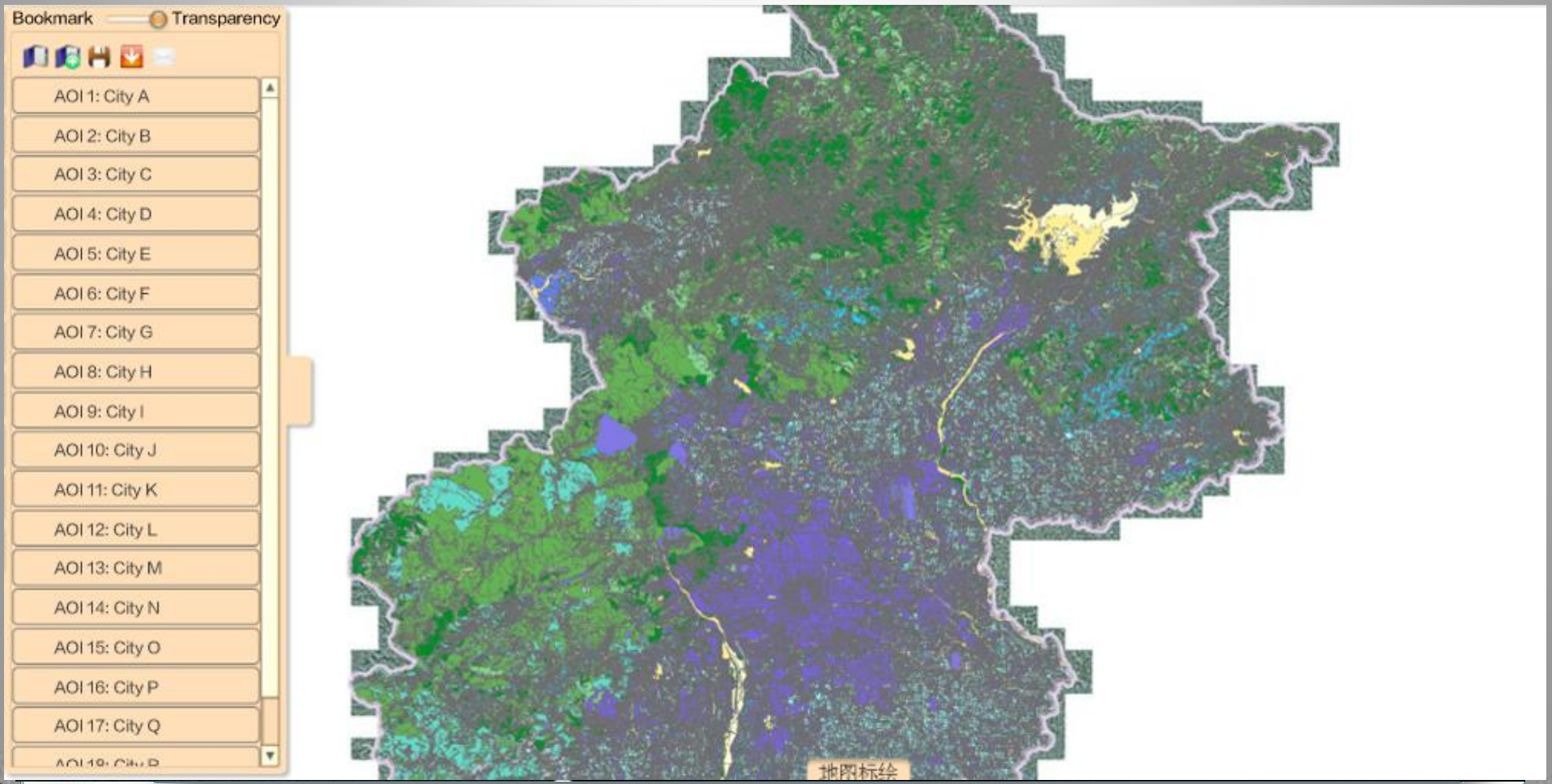
- Open catalogue architecture
  - Category type:
    - Based on administrative level
  - lay



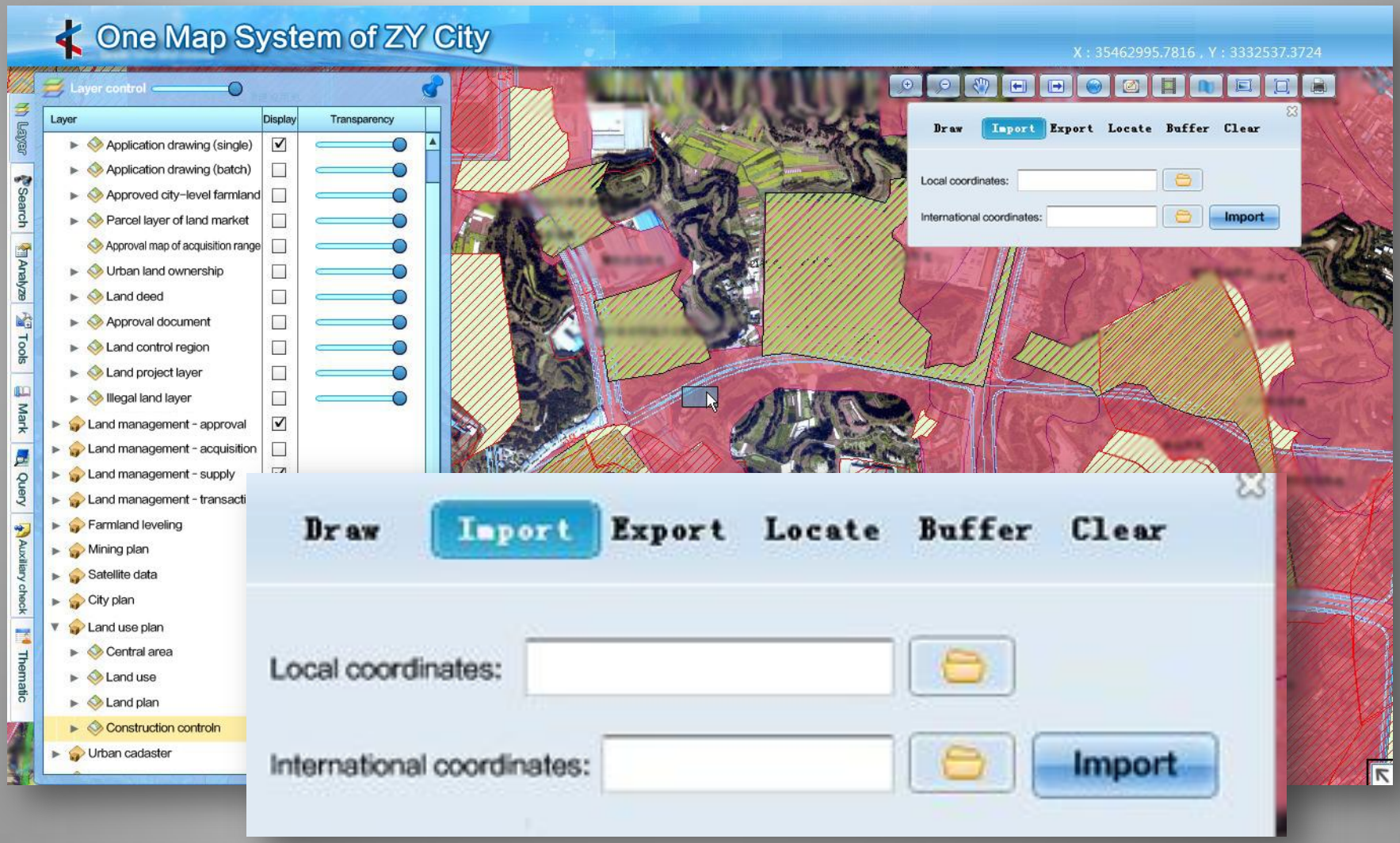
Data Application

Application: View operation

- View

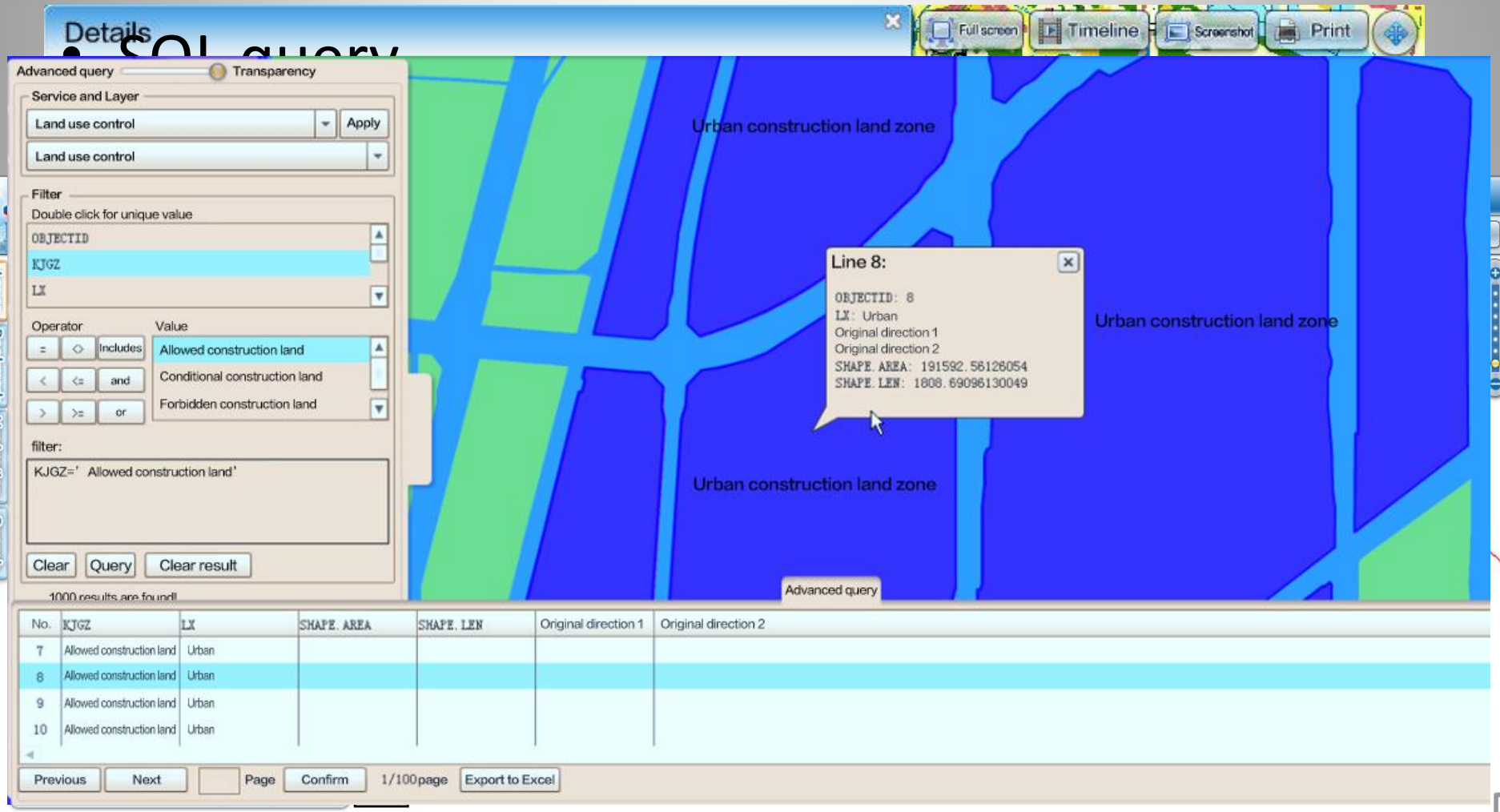


Application: Import and Export

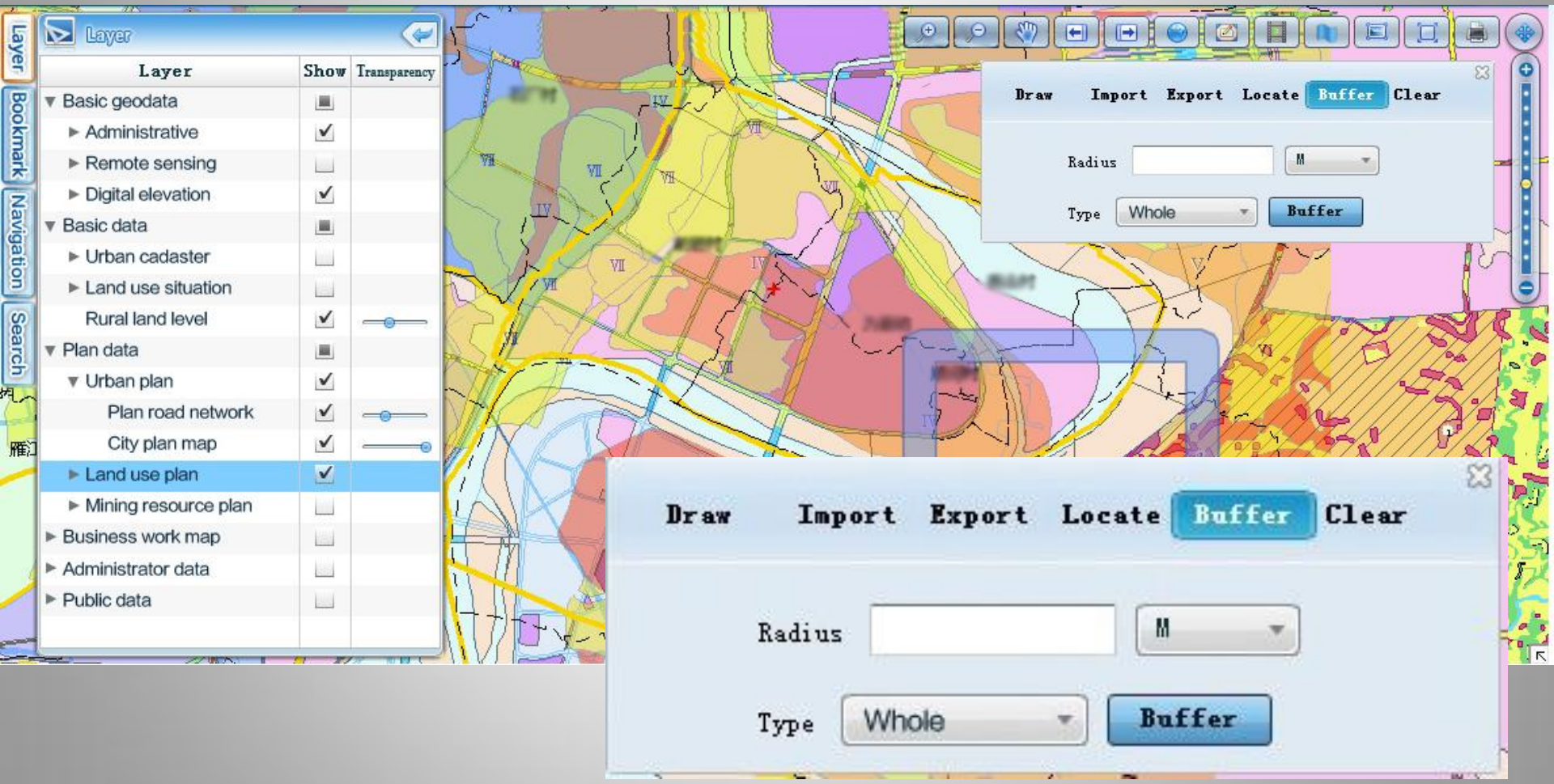


Application: Lot-based analysis

- Lot attribute search
- SQL query

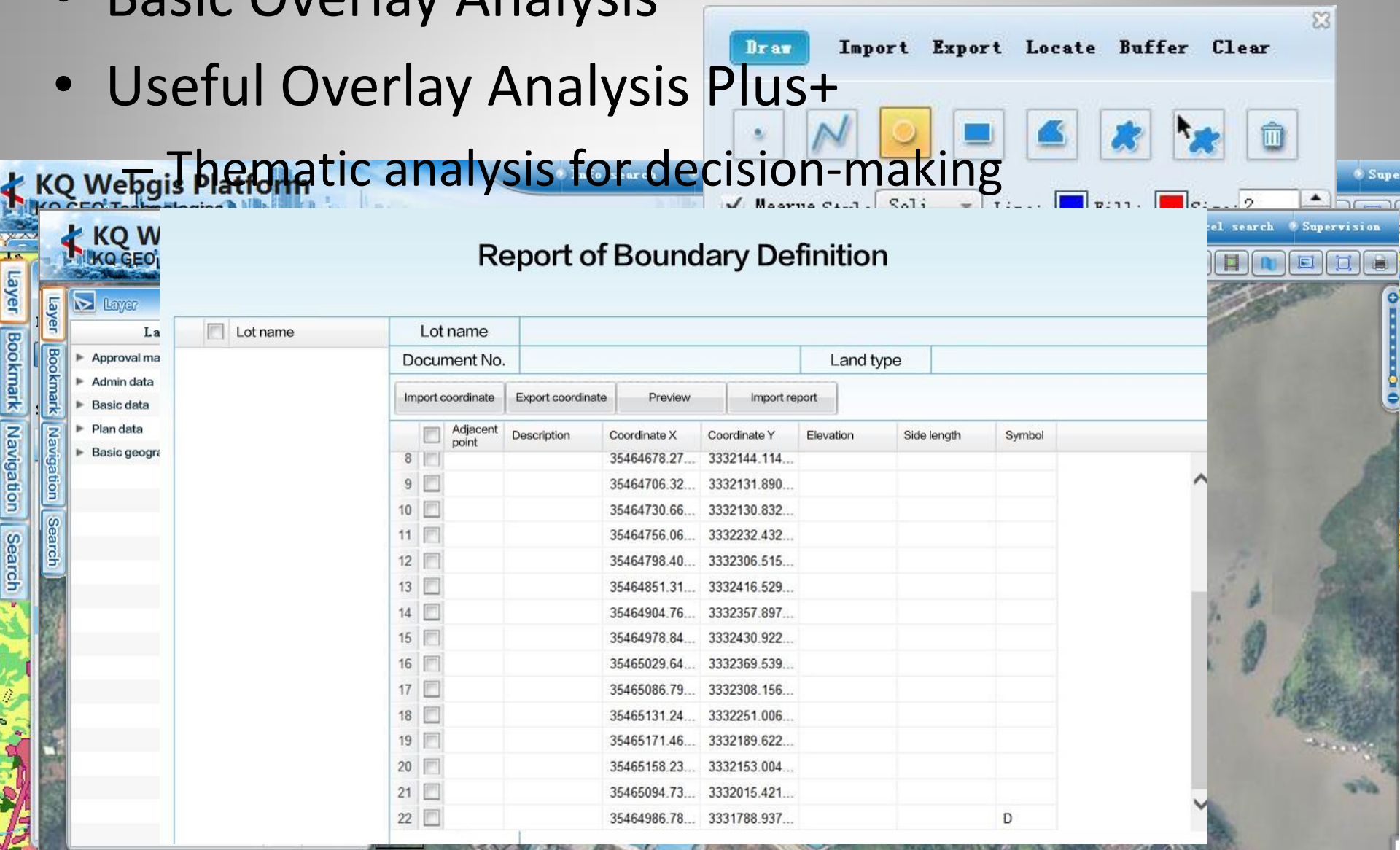


Application: Buffer Analysis



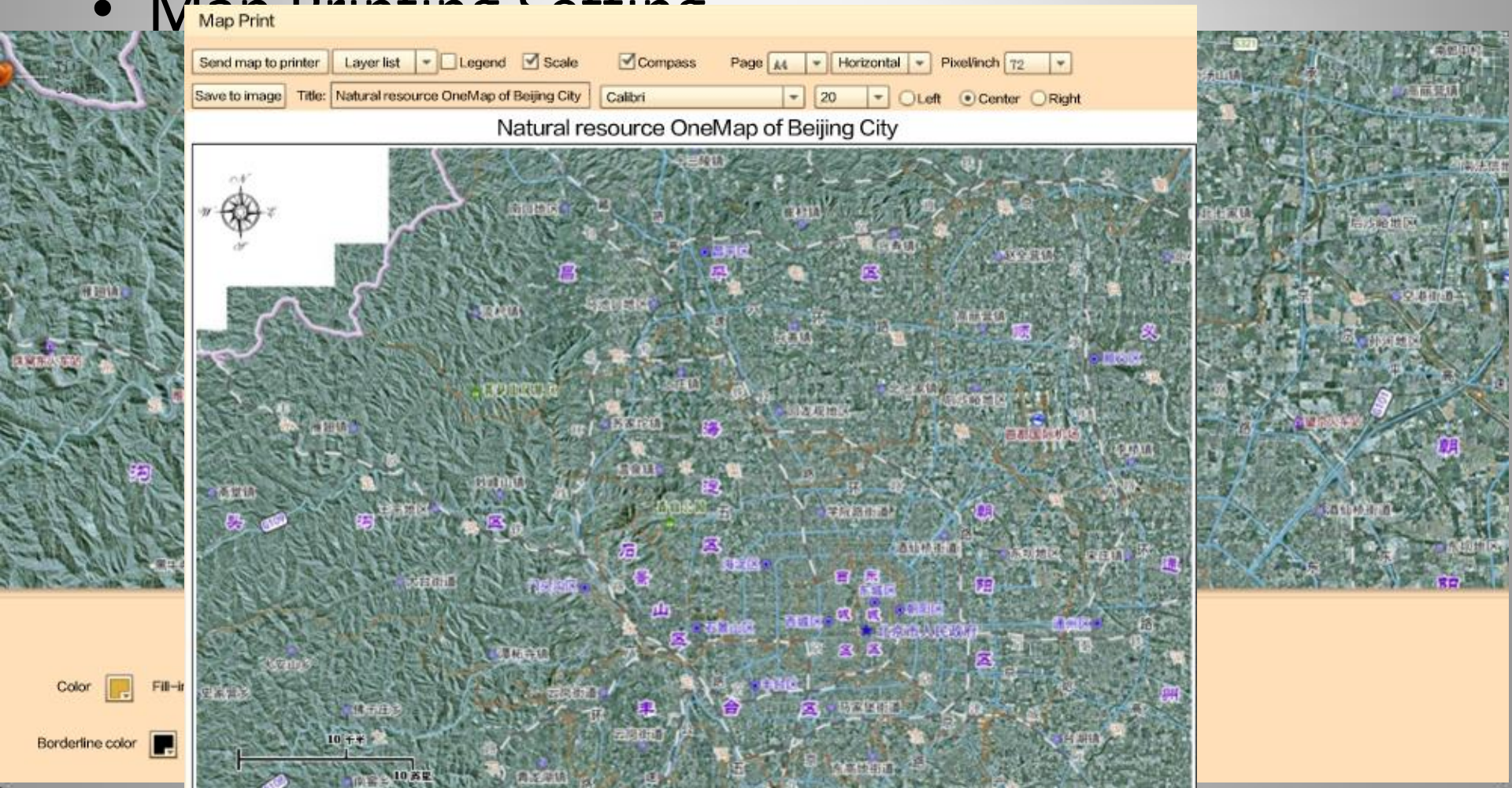
Application: Overlay Analysis

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



Online Drawing and Printing

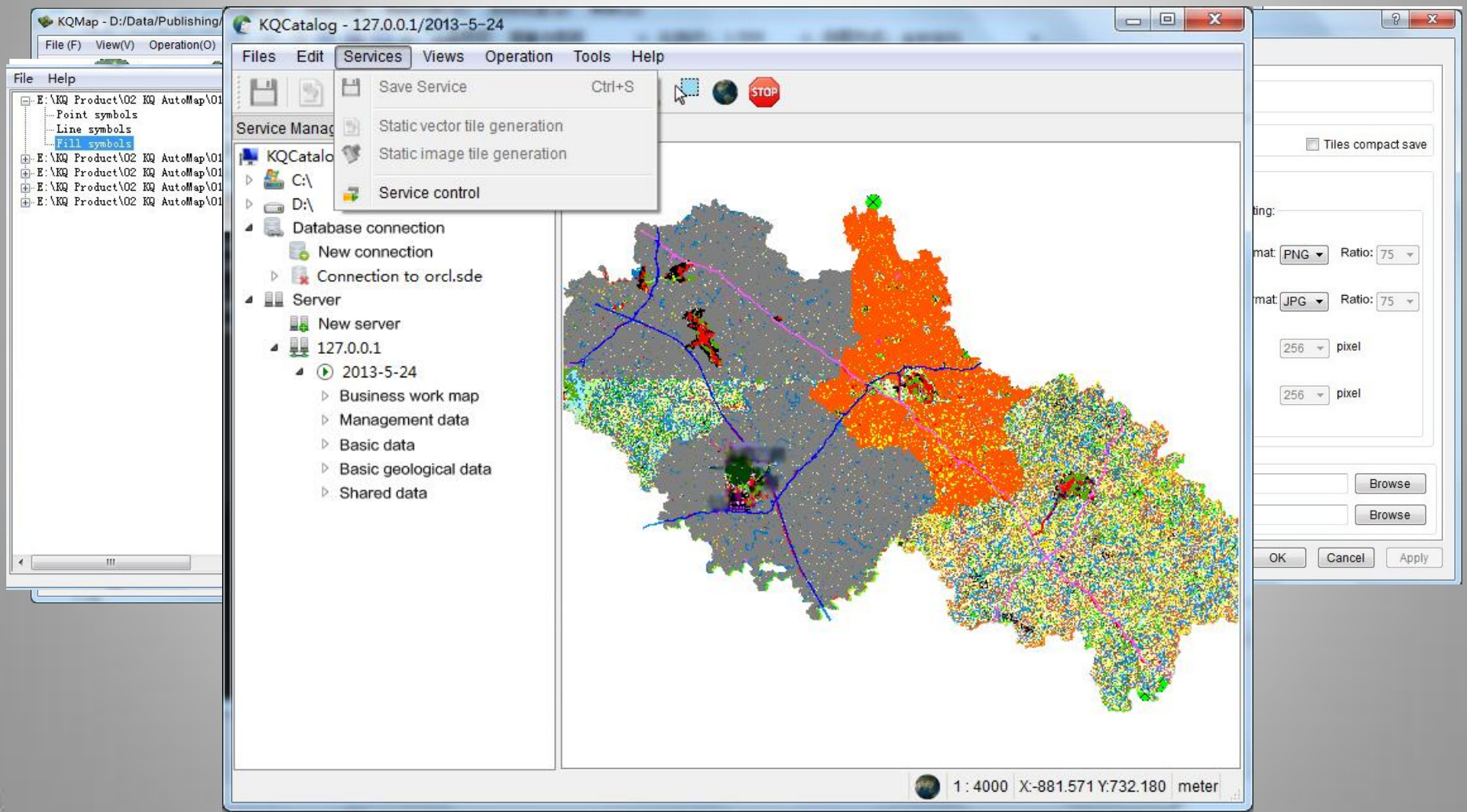
- Drawing and export to GIS formats
- Map Printing Setting



Service Sharing

Sharing: background operation

1st – Map configuration 3rd – service publishing 2nd – Map tiling



Instant Share!
Instant Decision!

Land use

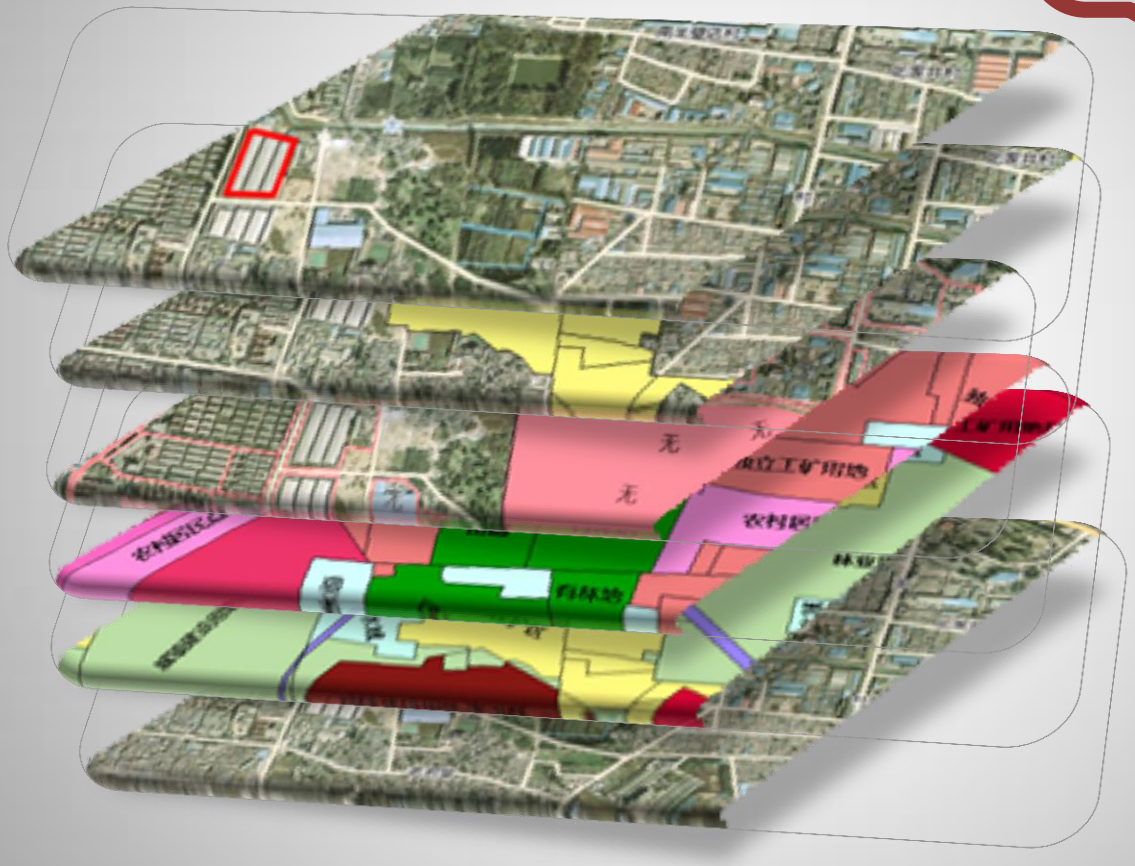
Farmland

Cadastre

Land status

Land plan

Satellite image

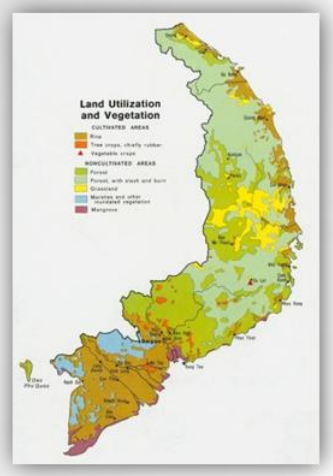


System Customization

Customize your One Map !

A lot to be inspired…
A lot to be done…

Cadastral administration



Mining

Forestry IMS

Water resource management

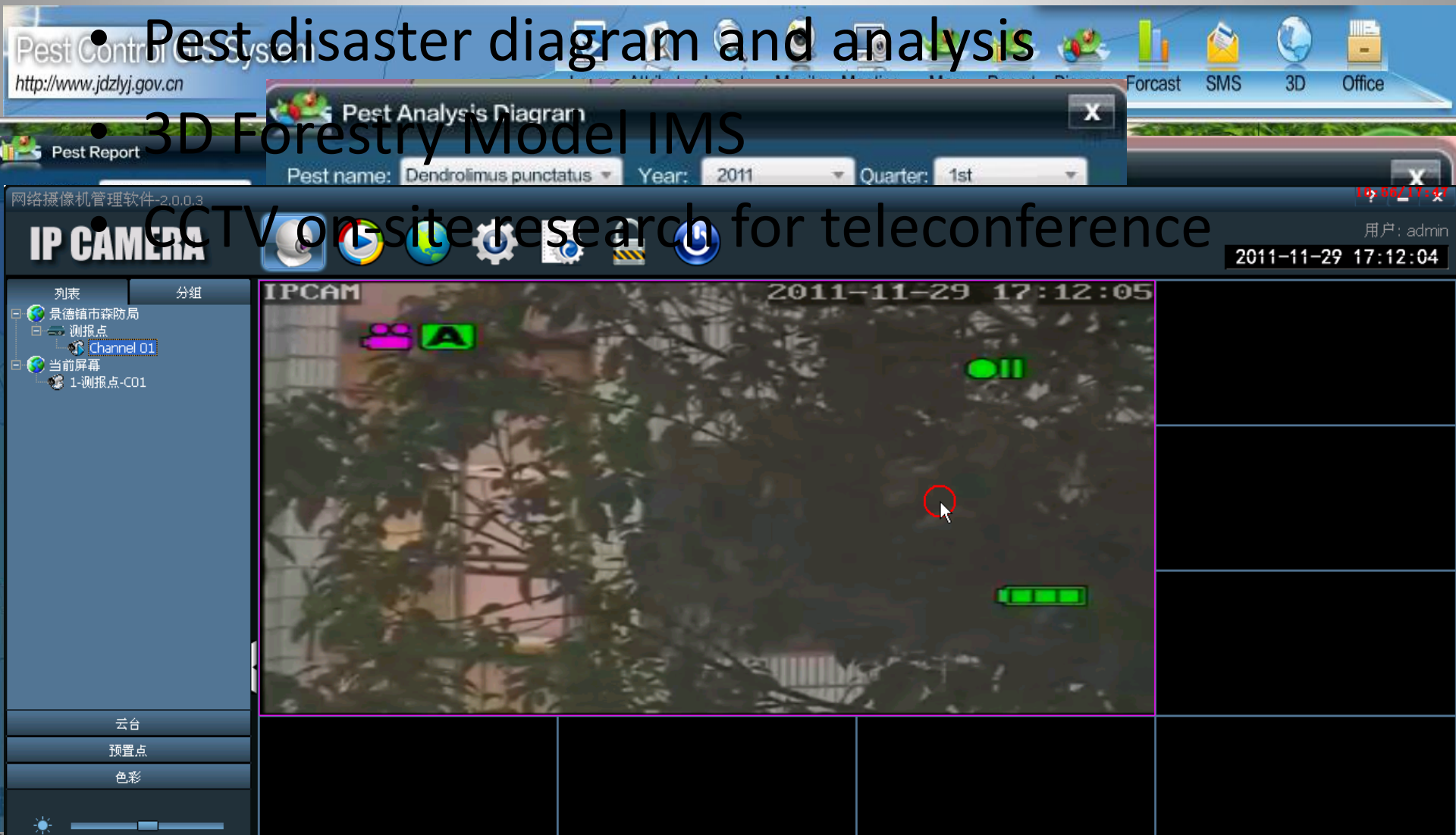
Property

Farmland conservation

Disaster control

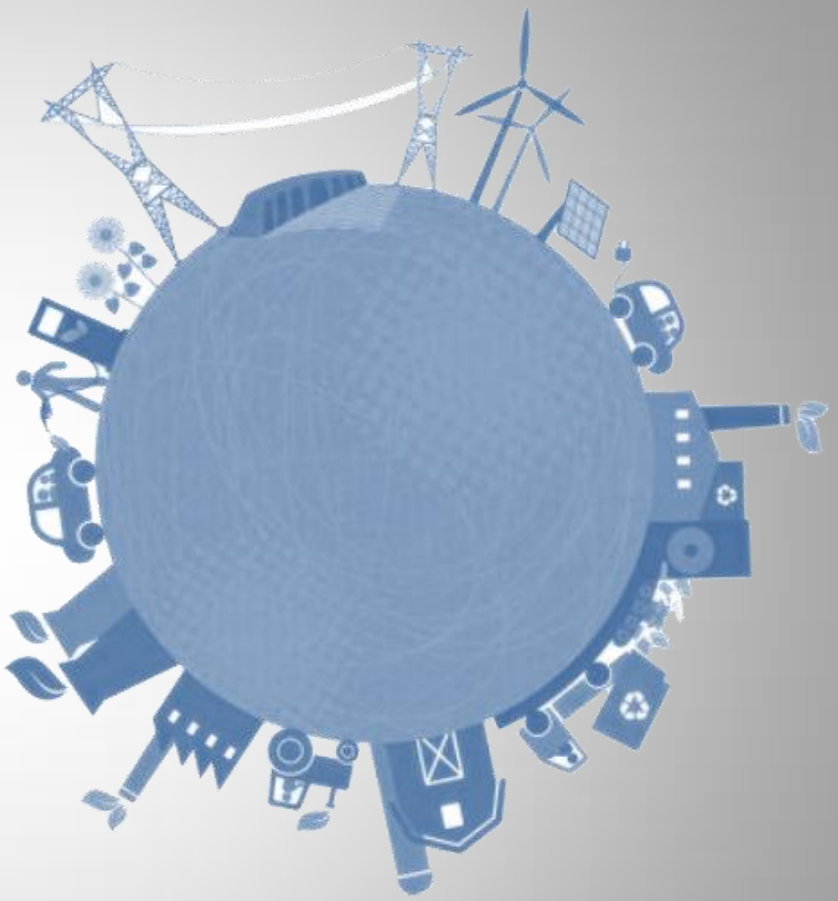
Forestry - Pest Control System

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



THANKS!

liz@kqgeo.com



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