



中国检科院

CHINESE ACADEMY OF
INSPECTION AND QUARANTINE

OIE Cooperation Project

Summary of Workshop – 2015

Qiu Songyin

Guangzhou-China

May-2015



World
Organisation
for Animal
Health





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Day 1--12/05/2015

- ✓ Revision and approval of the documents

Day 2--13/05/2015

- ✓ Visit a pig farm (Guangzhou) and a poultry farm (Panyu)

Day 3--14/05/2015

- ✓ Workshop

Day 4--15/05/2015

- ✓ Closing Session





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Revision and approval of the documents

OIE Cooperation Project

Capacity development for implementing a Geographic Information System (GIS) applied to surveillance, control and zoning of avian influenza and other emerging avian diseases in China

Parent Reference Laboratory Collaborating Centre for Epidemiology, Training and Control of Emerging Avian Diseases at Istituto Zooprofilattico Sperimentale delle Venezie (IZSVE)

Legnaro (PD) - Italy

Candidate Laboratory Chinese Academy of Inspection and Quarantine (CAIQ)

Beijing - China

Interim report

29th April 2015

MISSION AGENDA

4 days mission with the presence of a functionary from the Ministry of Agriculture

DEPARTURE from Venice 10/05/2015 – Afternoon (15:50)

ARRIVAL in Guangzhou 12/05/2015 – Morning

DAY 1 – 12/05/2015

- Introductory meeting
- Revision and approval of the 1st meeting documents
- Workshop: setting the room and final checking;

DAY 2 – 13/05/2015

- Workshop day
- Dinner

DAY 3 – 14/05/2015

- Transfer: Poultry farm visit or distribution center
- GPS exercise

DAY 4 – 15/05/2015

- Technical discussion:
 - Spatial data and metadata assessment
 - Traceability
 - Surveillance applications
- Training organisation (Activity 2.1 and Activity 2.3)

DEPARTURE from Guangzhou of the IZSVE experts 15/05/2015 – Afternoon

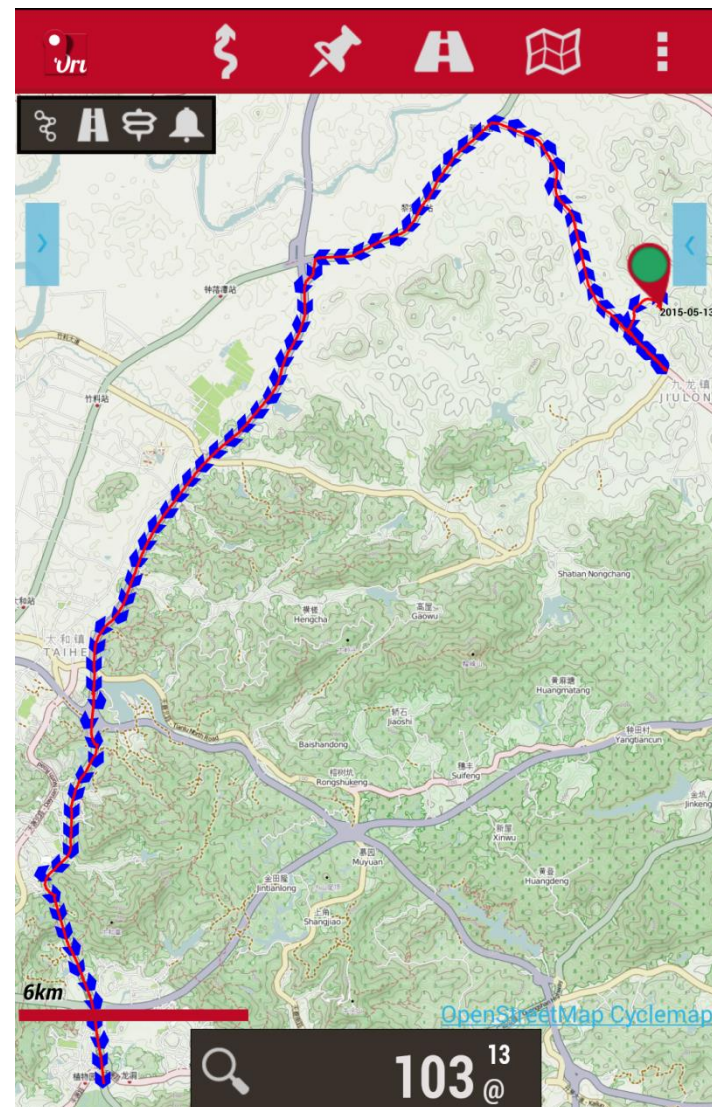




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Visit a pig farm (Guangzhou)





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Visit a poultry farm (Panyu)





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Workshop

Presentation	Speaker
GIS organisation	Nicola Ferrè
GIS Software and applications	Matteo Mazzucato
Spatial Analysis	Paolo Mulatti
IT Infrastructure	Andrea Ponzoni
Quarantine & Inspection System for Animals Exported from China Mainland to Hongkong and Macao	Xi Xin
Requirements Analysis of Export Livestock Information Management System	Ji Fan

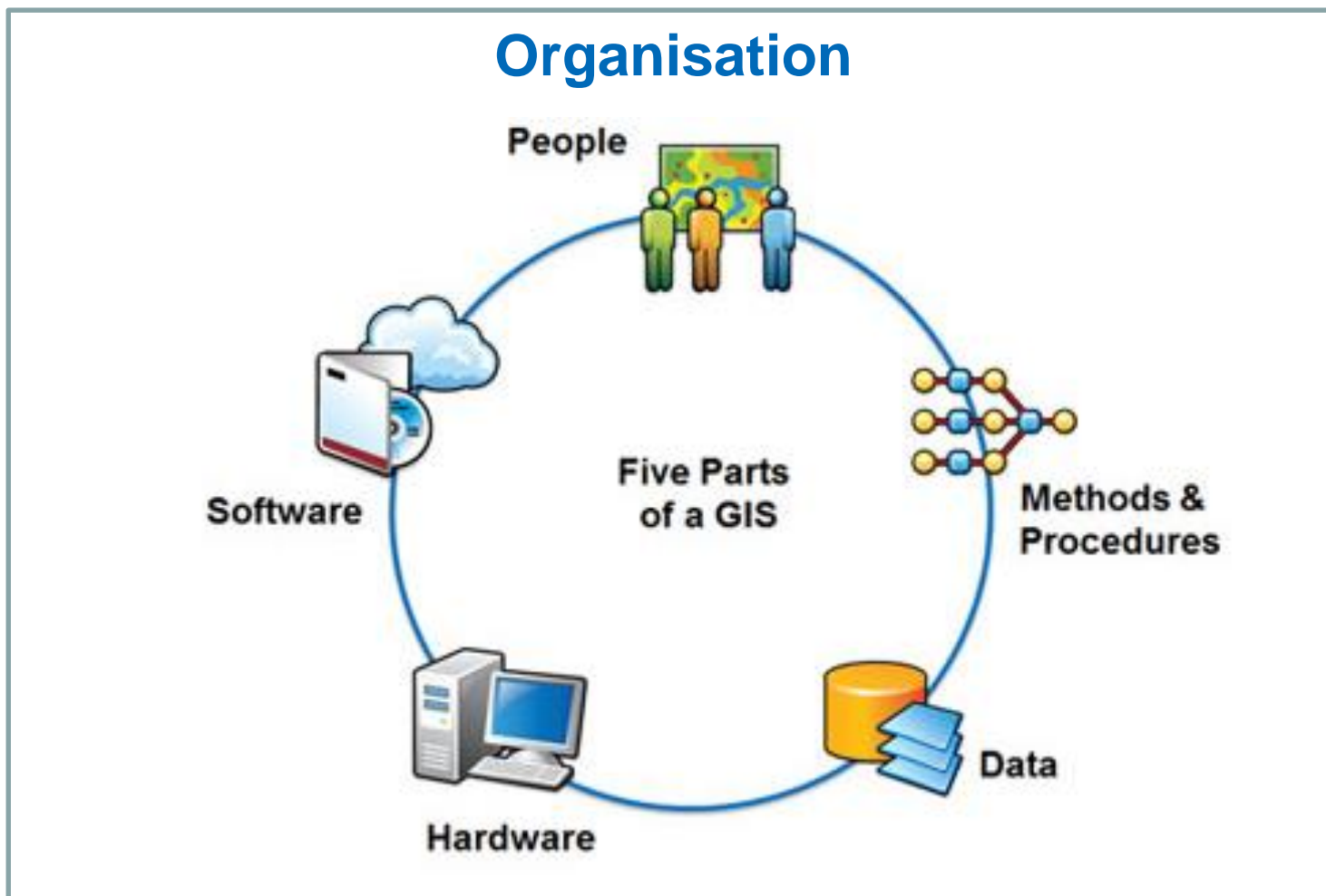
Inspire us and led to heated discussions !



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GIS Organizational

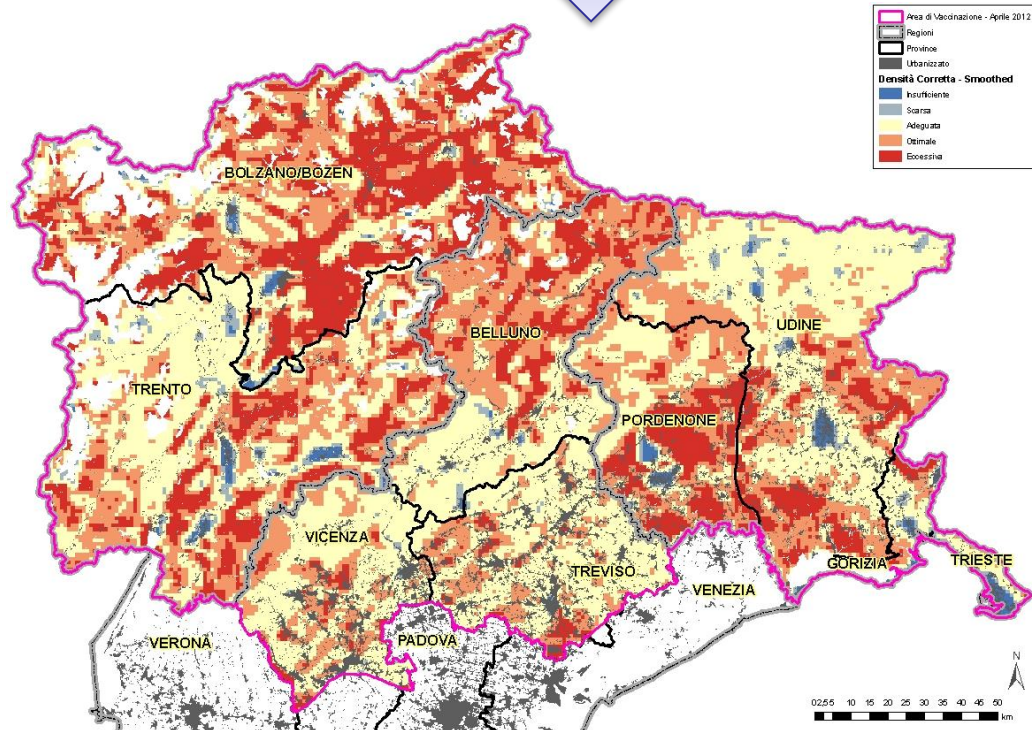




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GIS software and applications



bing
Maps



Data acquisition



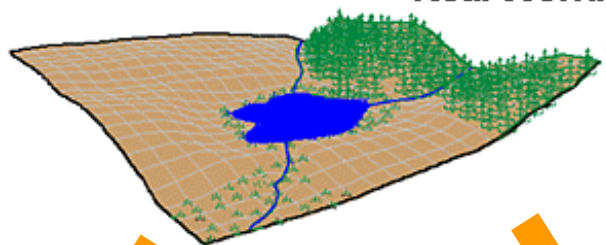


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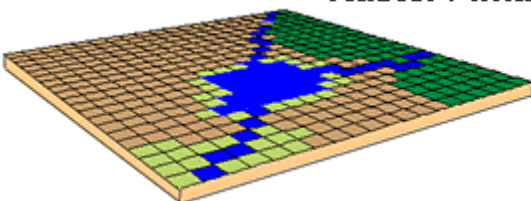
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Spatial Analysis

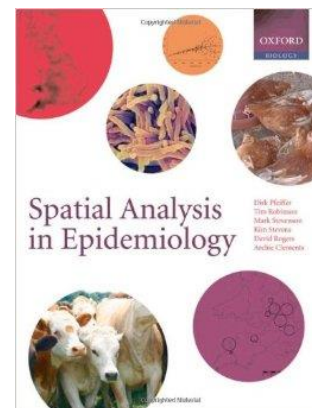
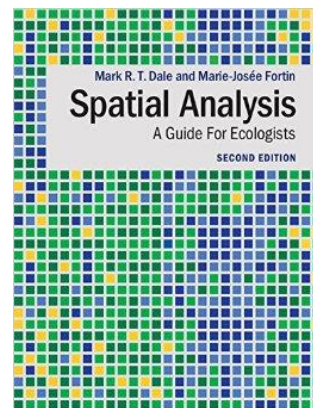
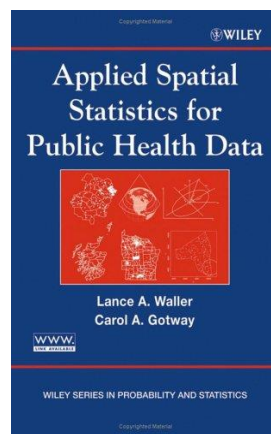
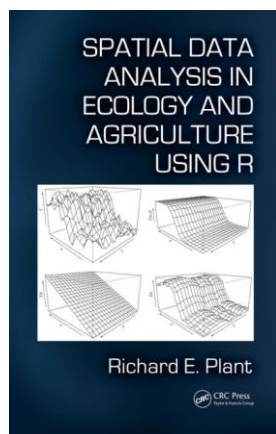
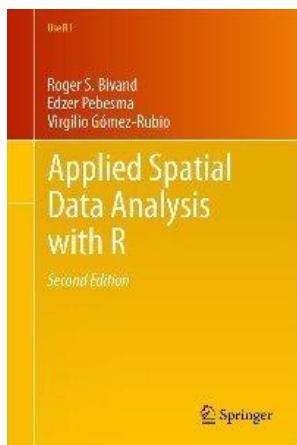
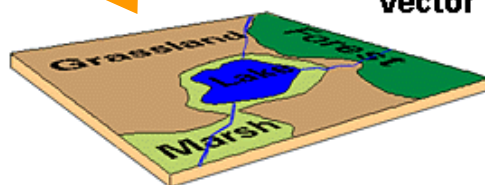
Real World



Raster / Image



Vector

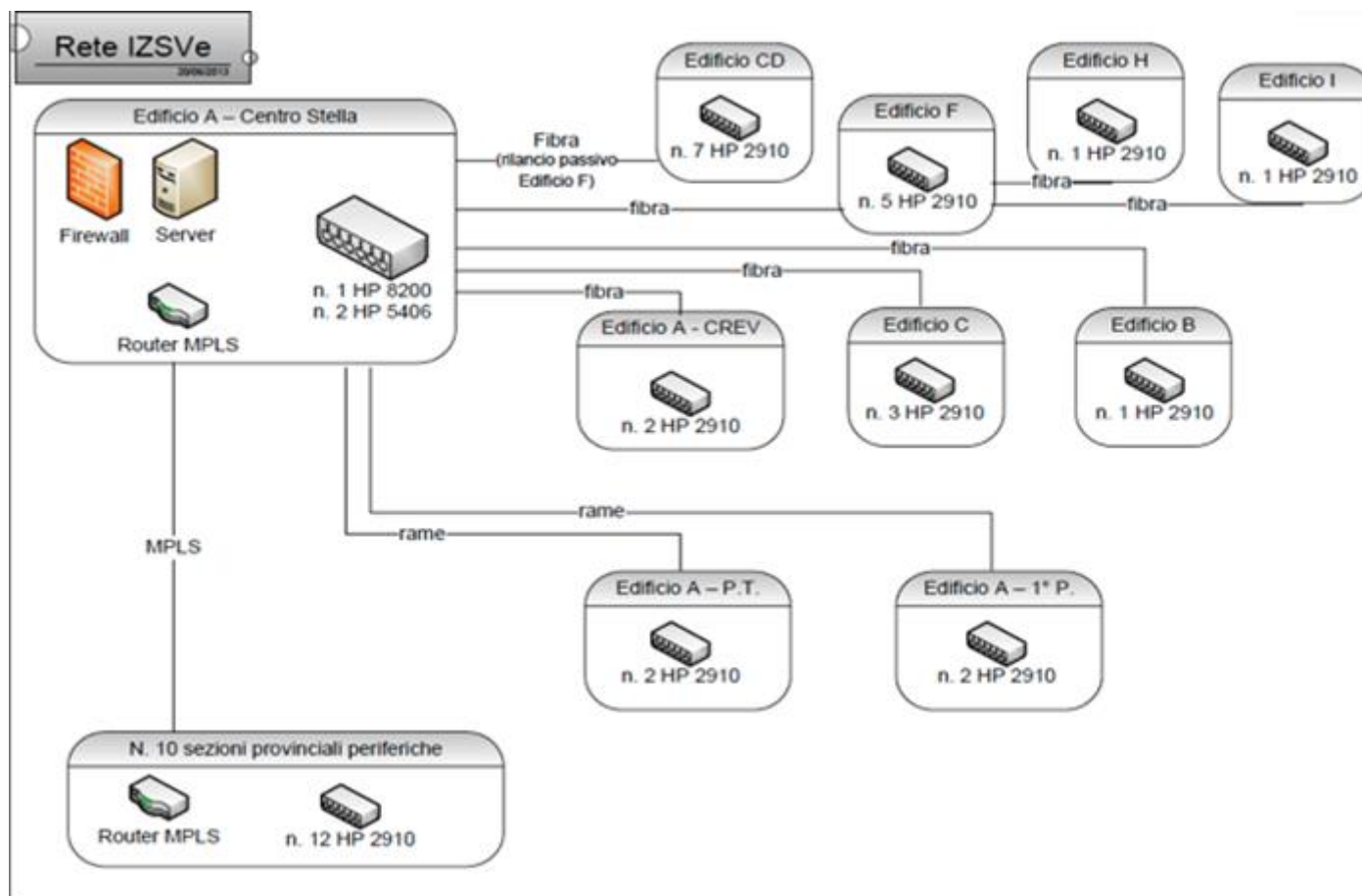




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IT infrastructure

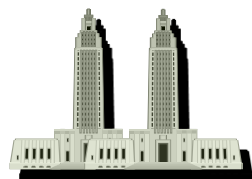




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Inspection & Quarantine System



**General Administration of Quality
Supervision, Inspection and
Quarantine of China (AQSIQ)**



35



**Entry-Exit Inspection and
Quarantine Bureaus directly
under the AQSIQ**



598



**Branches of Entry-Exit
Inspection and Quarantine
Bureaus at the ports**

• **Employees : more than 30,000**





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Requirements



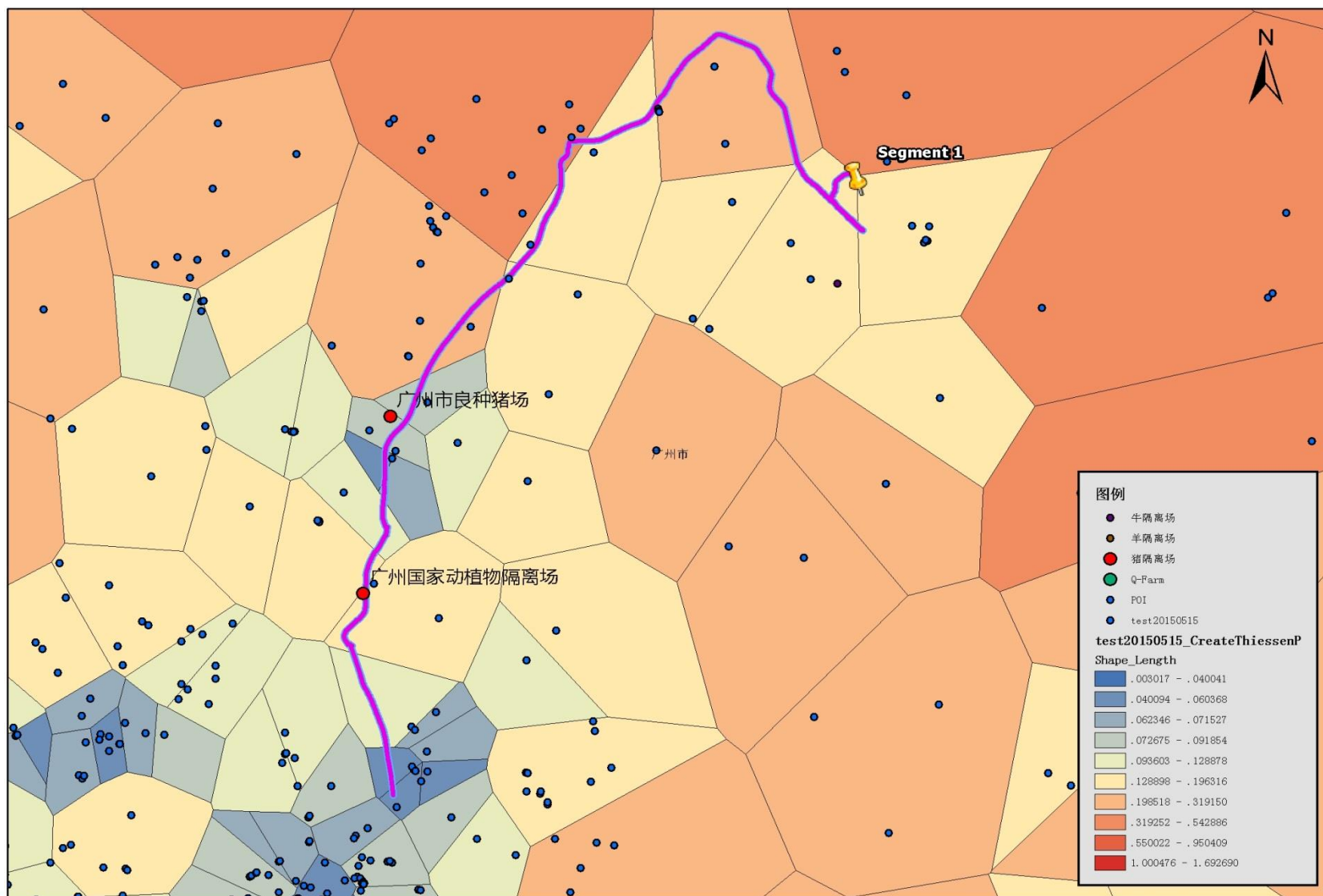
- 监测疫情疫病
- Surveillance
- 管控产品质量
- Monitoring
- 实现统计分析
- Statistical & analysis

- 企业信用管理
- Company Management
- 提供参考信息
- Reference Resources
- 辅助顶层决策
- Strategic Decision





Test: Thiessen polygon





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After heated exchanges it was eventually agreed that

GIS is a useful tool to enhance the supervising ability of government to promote trade and set a best-practice model to other countries in the region

- ◆ To improve animal health and food safety
- ◆ For better decision making
- ◆ To prove the confidence of international communication
- ◆ To promote the communication with public





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We also get some useful recommendation and suggestion to help us understand

- ◆ What we need
- ◆ What we concerned
- ◆ Why we need strategy design
- ◆ How to do
- ◆ The Importance of teamwork





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We hope to make appropriate adjustments in data collection, data processing and result display and develop information management system suitable for China's export animals under the frame of OIE cooperation project. This system will be able to achieve the functions of geographical information display, analysis and WebGIS.

The implementation of the above objectives will form the actual and reproducible results and contribute to the improvement of global animal health.





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Next phase Capacity building

- Metadata assessment
- Training of Chinese scientists on GIS management / spatial analysis / zoning / satellite image analysis / webgis application and development at the IZS Ve





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Thanks for attention!



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for Animal
Health



Istituto Zooprofilattico
Sperimentale delle Venezie

