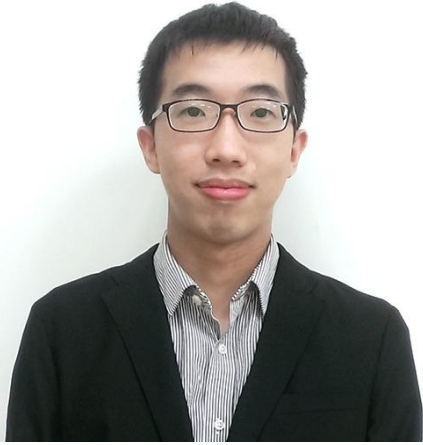




# SuperGIS Desktop 10

Drive our world with GIS

# Presenters

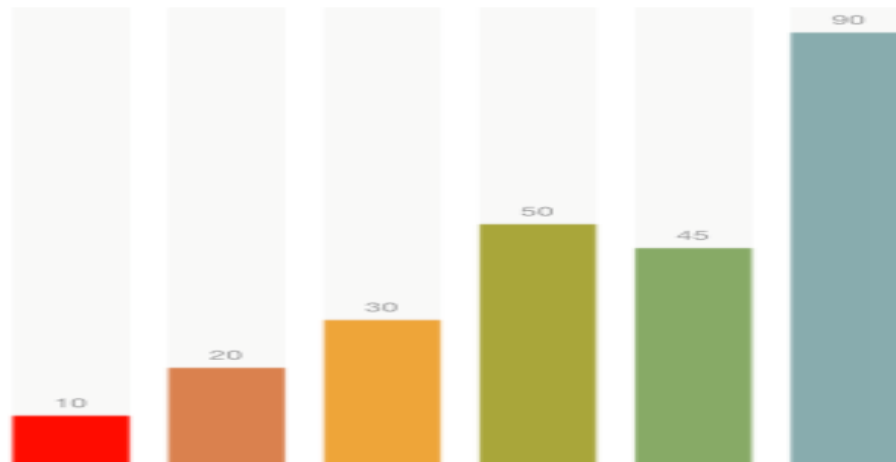


**Eugene Tseng**  
Marketing Specialist



**Sydney Lai**  
Product Manager

# Break Time - Quick Poll



# Product Overview

## SuperGIS Products



### Server GIS



SuperGIS Server  
SuperGIS 3D Earth Server  
SuperGIS Network Server  
SuperWebGIS

### Cloud GIS



SuperGIS Online  
- Data Services - Excel Add-in  
- Address Locator - Statistical API



### Developer GIS

SuperGIS Engine SuperNetObjects  
- Network - Spatial  
- Biodiversity - 3D  
- Spatial Statistical

### Desktop GIS



#### SuperGIS Desktop

- Spatial
- 3D
- Network
- 67-97 CTS (TW only)
- CCTS (TW only)
- Spatial Statistical
- Biodiversity
- Topology

### Mobile GIS



SuperGIS Mobile Engine  
SuperPad  
SuperField  
SuperSurv (Android/iOS)  
SuperVeyor (Hardware bundle)

### Solution



SuperGIS Mobile Tour (Android)  
Mobile Cadastral GIS (TW only)

YouTube

SupergeoTV



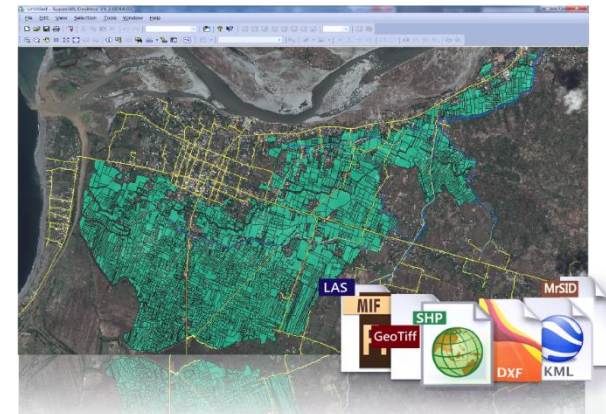
# Overview of SuperGIS Desktop

## ■ A professional desktop GIS software

- GIS data creation, editing and various analyses
- Support various data formats
- Integrating with Geodatabases

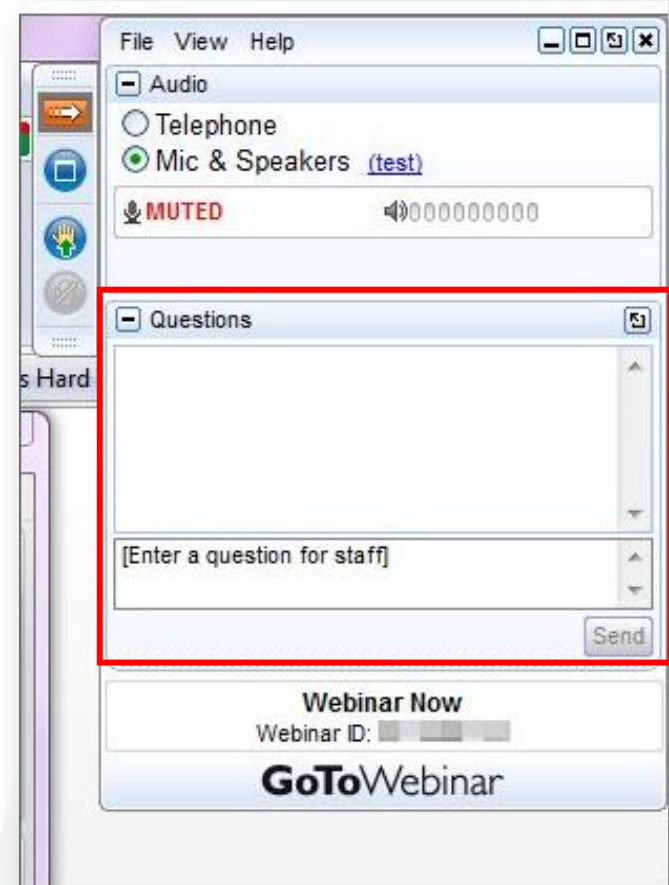
## ■ SuperGIS Extensions

- Spatial Analyst
- Spatial Statistical Analyst
- 3D Analyst
- Biodiversity Analyst
- Network Analyst



# Talk to us

- Share your comments or questions
- Or, drop us an email by: [staff@supergeotek.com](mailto:staff@supergeotek.com)
- Tag and follow us: [@Supergeotek](https://twitter.com/Supergeotek)



# Agenda

 SuperGIS Desktop 10 highlights

 Demo 1 → Visualize space-time data

 Demo 2 → Toward Advanced Map Design

 Demo 3 → Make your GIS work easier !

 Demo 4 → LiDAR X SuperGIS Desktop 10

# SuperGIS Desktop 10 highlights



3

## **Editions**

Standard  
Professional  
Advanced



6

## **Add-ons**

Image Analyzer  
LiDAR Tool  
Mapnote Tool  
Dimension Tool  
Temporal Slider  
Cache Generator



20+

## **Functions in Toolkit**

More than 20  
functions are added  
for data processing  
and analyzing



# Image Analyzer

Process raster data with Few-clicks

Image Analyzer

Layers:

- 97233072
- 97233071
- 97233065
- 97233064
- 97233063
- 97233062
- 97233061

Display

Background

Resample:

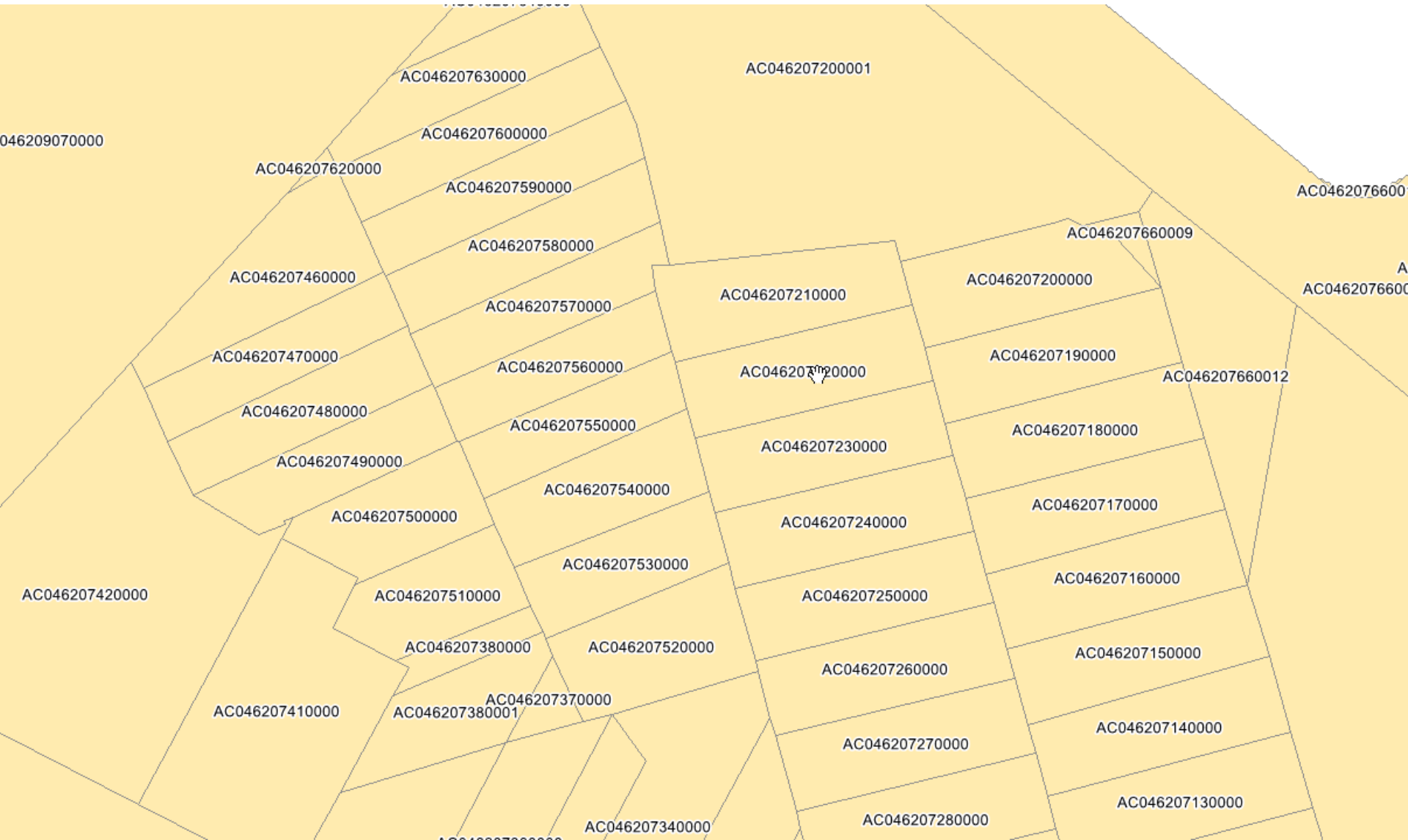
Processing

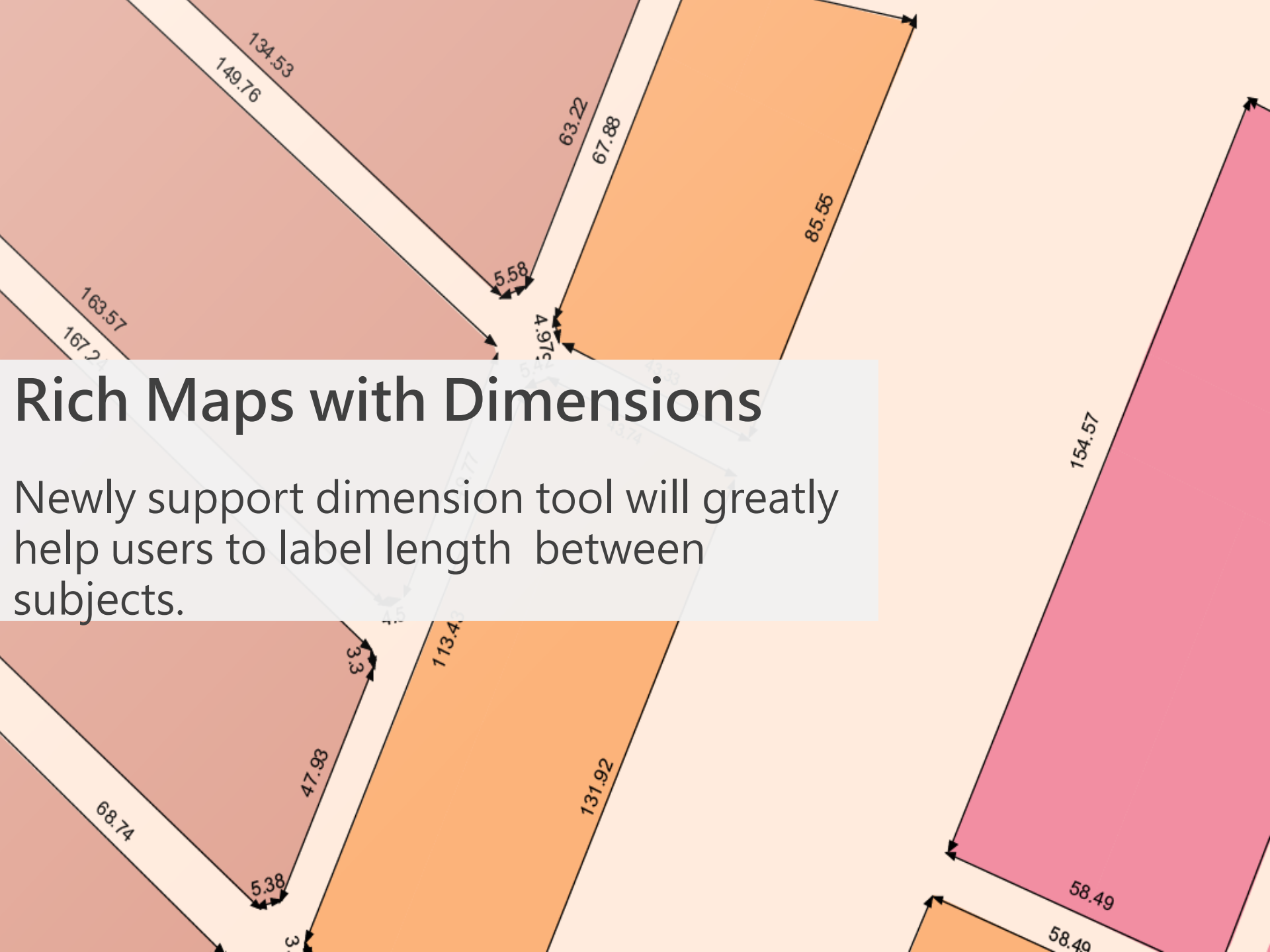
Filter:



# Mapnote Tool

Edit annotations in maps for conveying more accurate information





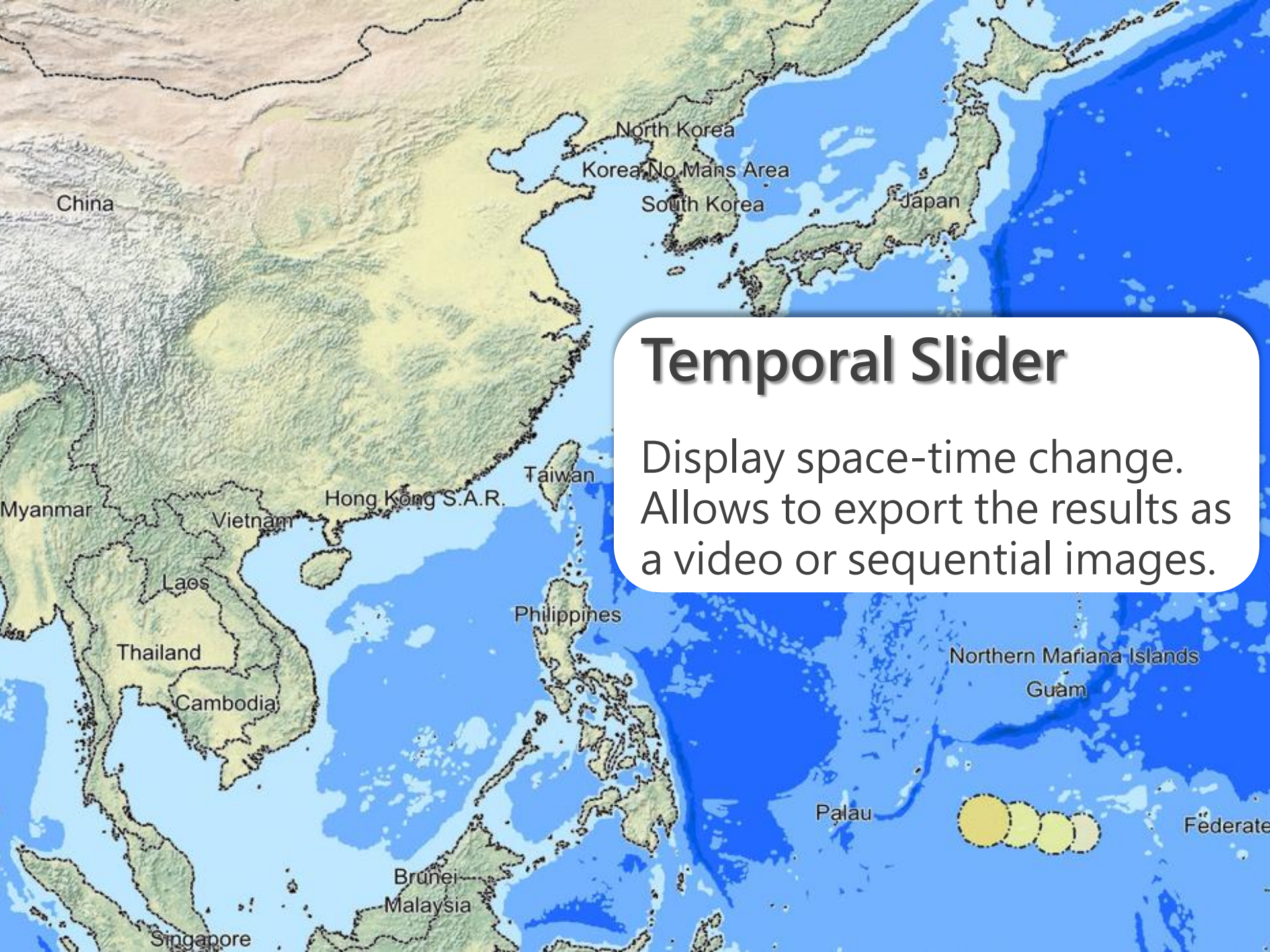
# Rich Maps with Dimensions

Newly support dimension tool will greatly help users to label length between subjects.

An aerial view of a landscape rendered as a LiDAR point cloud. The terrain is shown in shades of green and brown, with a prominent blue lake in the center. Buildings and structures are visible as white and grey clusters. The overall scene is a 3D representation of the ground surface.

# LiDAR Tool

- Provide profile view.
- Support users to merge, split, extract Lidar data to create new data.
- Enable users to convert LiDAR data into raster, vector and compressed formats.



# Temporal Slider

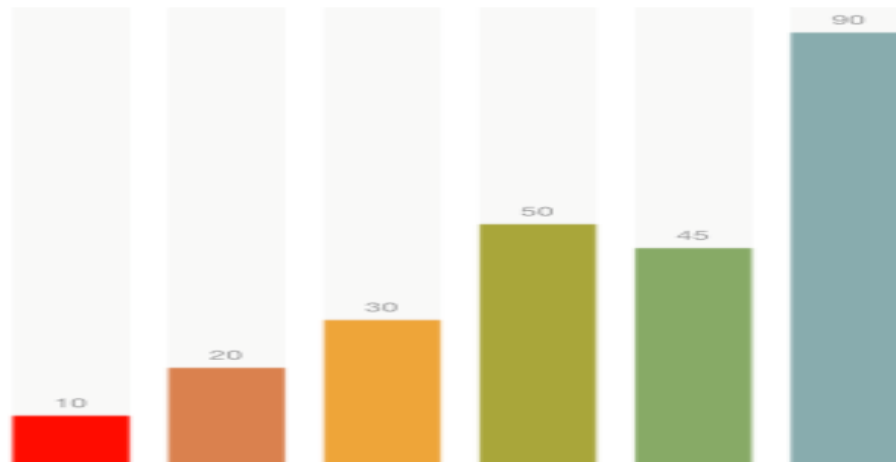
Display space-time change.  
Allows to export the results as  
a video or sequential images.



## *Vector Tile Supported!*

- New tile format is able to accelerate efficiency of client applications and map displaying.
- Support users to change tile renderer and perform geographical analyses .

# Break Time - Quick Poll



Let' s take a look at  
**SuperGIS Desktop 10**

The image features a white background with abstract, semi-transparent geometric shapes in the bottom corners. On the left, there are soft, overlapping shapes in shades of pink and light purple. On the right, there are similar shapes in shades of light green and teal.



Visualize space-time data

**DEMO1**



# Visualize space-time data

## ■ Temporal Slider

- Display space-time change.
- Allow to export the results as a video or sequential images.

## ■ Scenario

- Bird Migration
- Bird migration is the regular seasonal movement. Different species of bird would flyway between north and south.



Toward Advanced Map Design

**DEMO2**



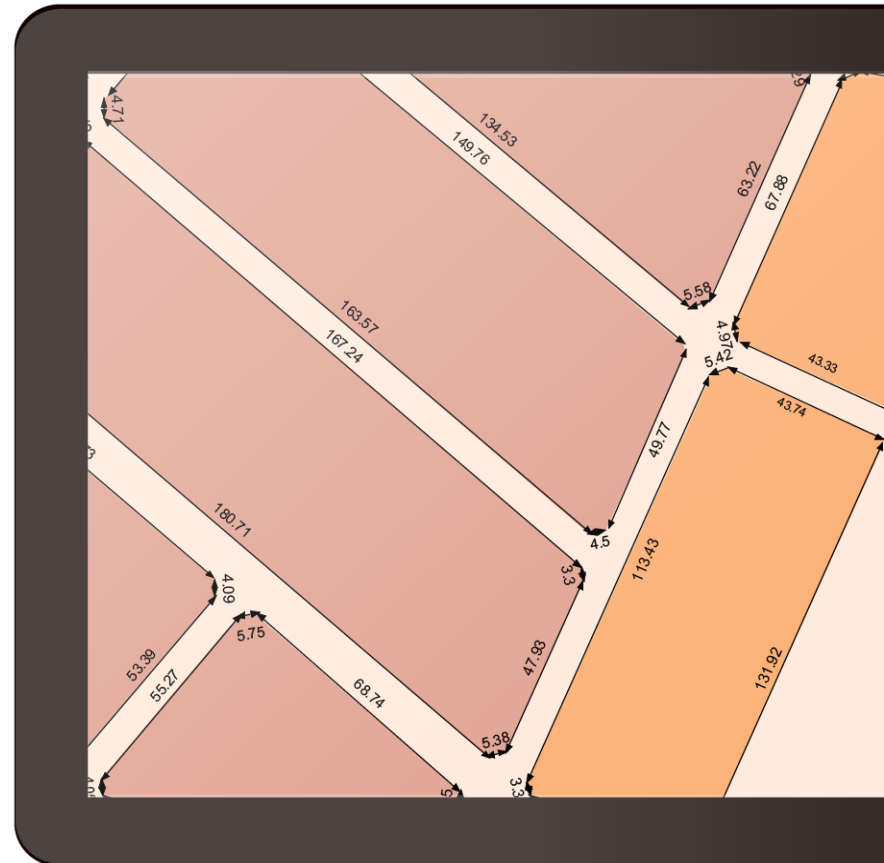
# Toward Advanced Map Design

## ■ New tools for map design in SuperGIS Desktop 10

- Mapnote Tool
  - Edit annotations in a map
- Dimension Tool
  - Add distance or side length information in maps

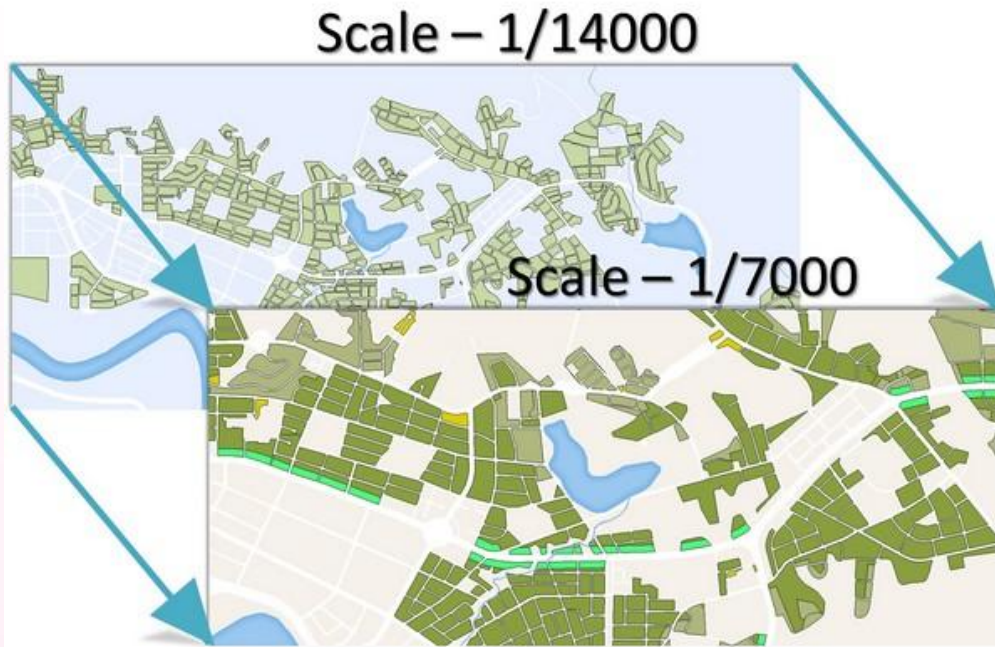
## ■ Scenario

- A Land parcel map editing
- Need to label the name and display the side length of each parcel



# Toward Advanced Map Design

- New tools for map design in SuperGIS Desktop 10
  - Scale-based renderer
    - GIS-based, spatial-aspect renderer
  - New legend settings
    - Flexible settings for perfect look



Make your GIS work easier

**DEMO3**



# Make your GIS work easier

- Enhanced SuperGIS Toolkit
  - New 20+ functions to use

Pivot Table

Create Table

Get Count

Join Field

Frequency

Summary Statistics

Transpose Fields

Tabulate Intersection

Append

Generate Near Table

Multiple Ring buffer

Near

Point Distance

ColorMap to RGB

Calculate Field

Difference

Create Fishnet

Create Random Points

Unsplit Line

XY To Line

Multi-point to features

Build Raster Table

LAS to LAZ

LAZ to LAS

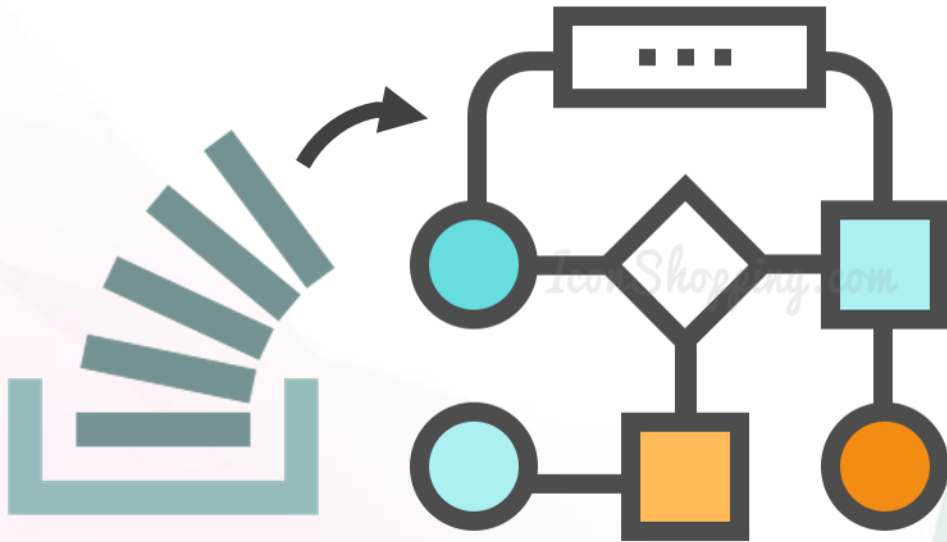
LAS to Raster

LAS to Point

LAS To ASCII

# Make your GIS work easier

- Enhanced SuperGIS Toolkit
  - New 20+ functions to use
  - Add data batch by dragging in batch processing
  - Copy & paste parameters in batch processing
  - Load/ save parameters for batch processing





LiDAR x SuperGIS Desktop 10

**DEMO4**

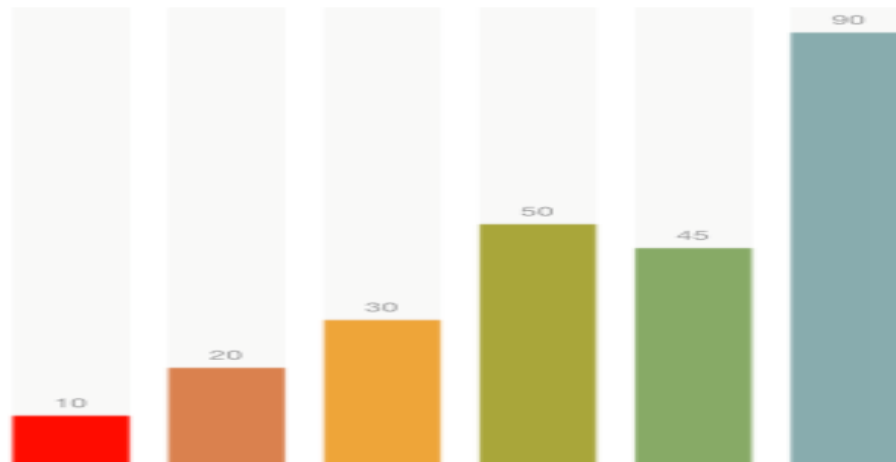


# LiDAR x SuperGIS Desktop 10

- With LiDAR Tool, you can:
  - View elevation, RGB, and classification stored in LiDAR data.
  - Use filter to display certain LiDAR information such as water, vegetation or ground.
  - Apply Split function and extract function to reduce file size.
  - Convert LiDAR data in various ways.



# Break Time - Quick Poll



**Get trial !**



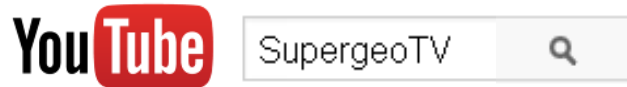
## **SuperGIS Desktop**

[http://www.supergeotek.com/download\\_6.aspx](http://www.supergeotek.com/download_6.aspx)

# Q&A Time

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## Any Questions ?

<http://www.supergeotek.com>

[staff@supergeotek.com](mailto:staff@supergeotek.com)

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