Data Visualization by
Quantum GIS

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What is GIS?

What kind of question for GIS?

What is Quantum GIS?

Where to get QGIS?

Your turn...
What is GIS?

GIS: Geographic Information System / Science.

The way to describe data with location.

The way to make understand information.

Some call Geo-data system, spatial information system, digital mapping system, desktop mapping and geo-informatics.
What is GIS?

GIS concern on hardware, software, process, personnel, and data.

GIS can use for inputting, storing, manipulating, analyzing and presenting.
GIS Question

What is at...?

How big/long is...?

How do I get from/to...?

Where is...?

What has changed since...?

What spatial pattern exist...?

What if...?
What is Quantum GIS?
Quantum GIS

- The desktop GIS
- Open Source Software
- User friendly graphic interface
- Support most GIS data format
- Support Database management system
- User community support
Registered user

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Task

- Installation QGIS
- Walk around QGIS (familiar with menu, tool bar and windows)
- Open existing project (Fish larvae data visualization: data_visual.qgs)
- Create new project
- Load existing data
- Create new data from text file
- Visual data by graduate value
- Create map graphic for other document