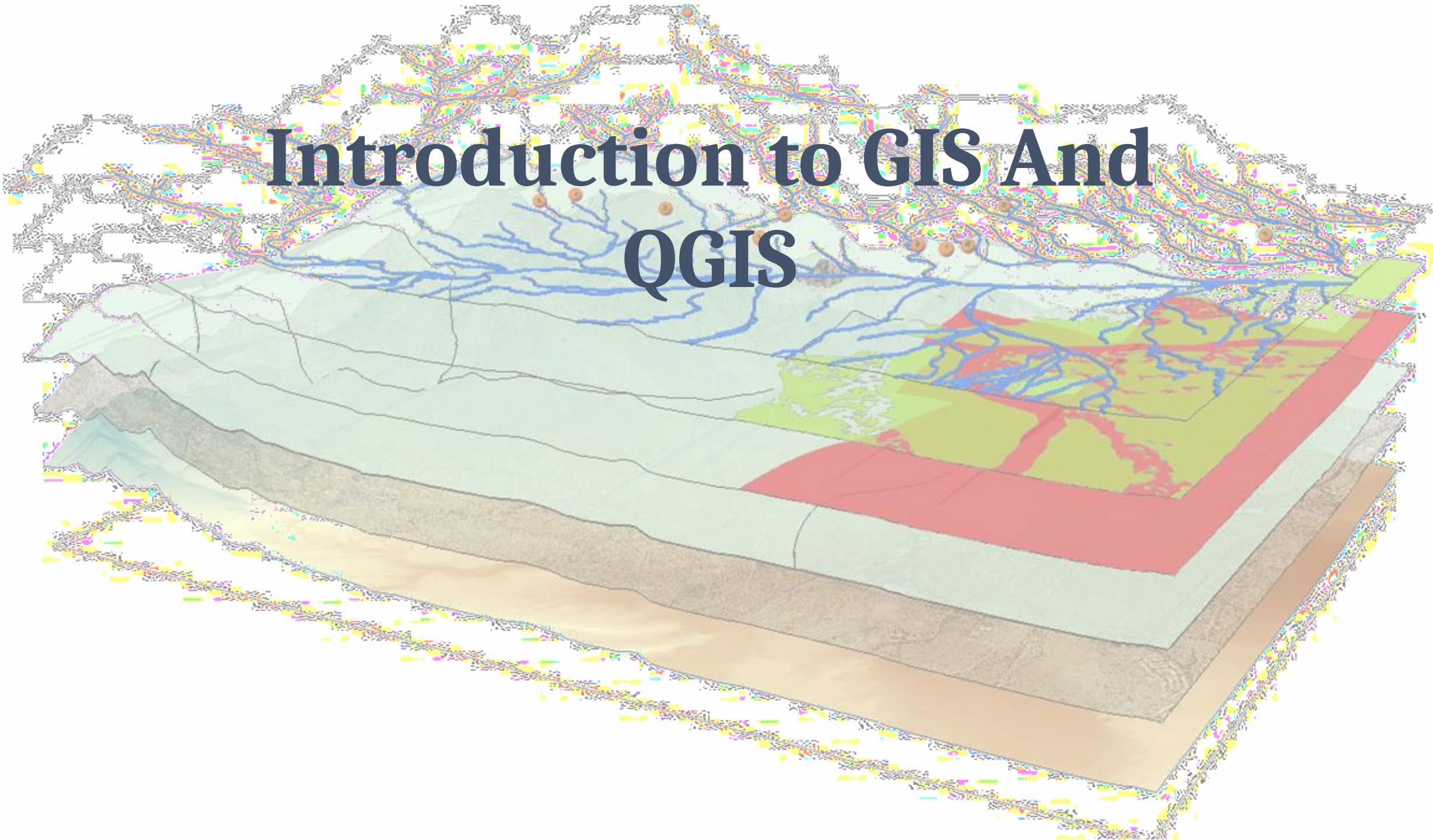
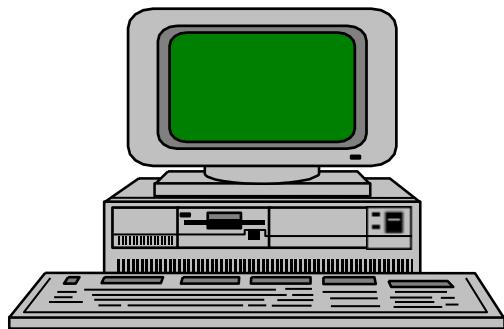


Introduction to GIS And QGIS

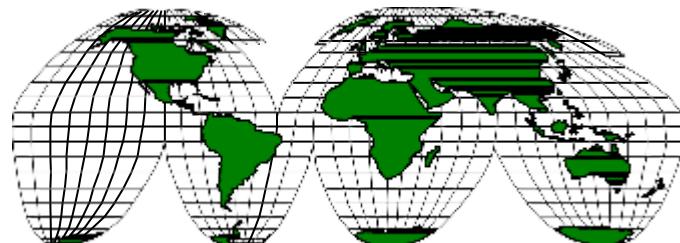


What is a GIS?

Information System
System

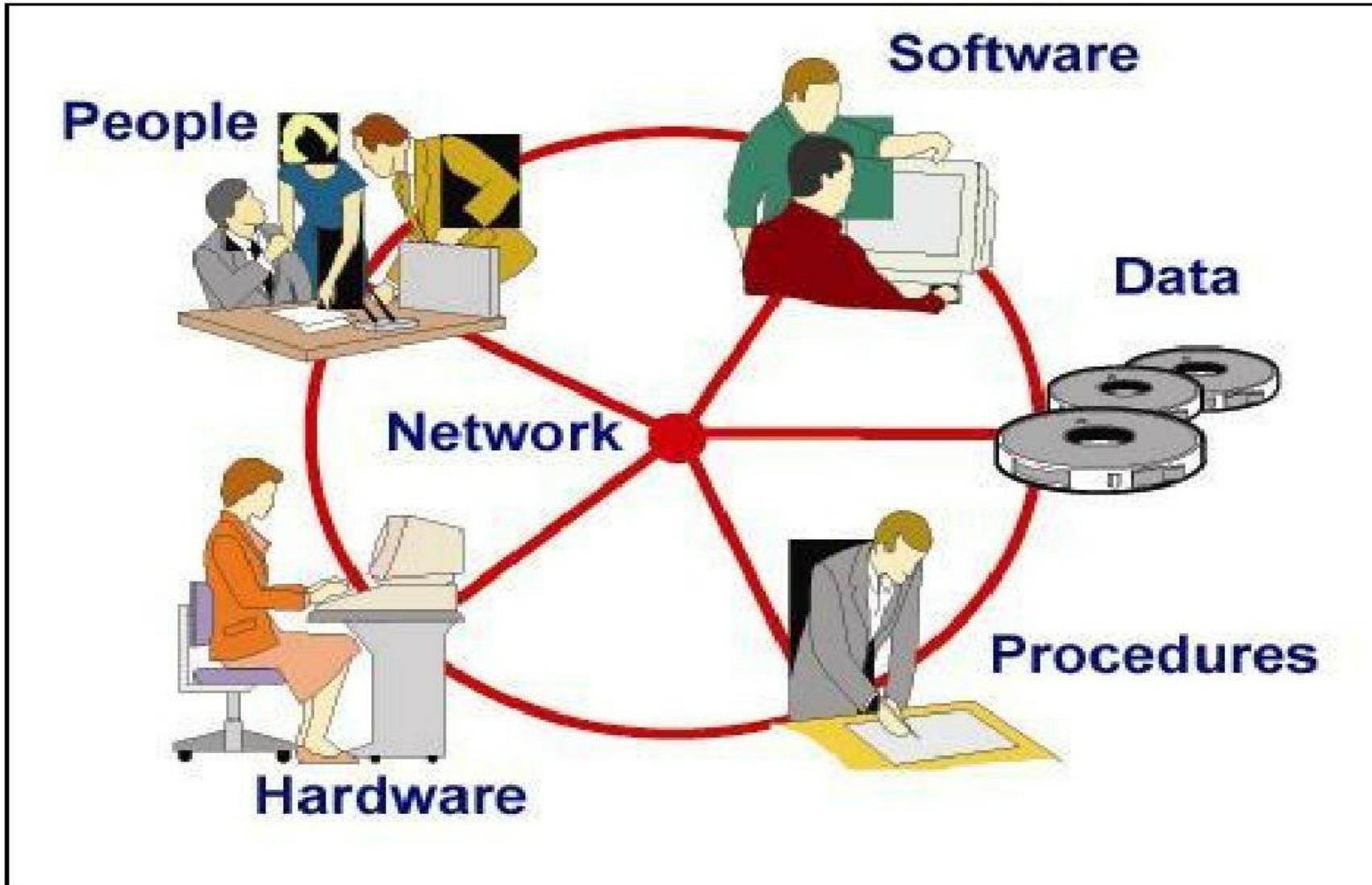


Geographic Position
Position

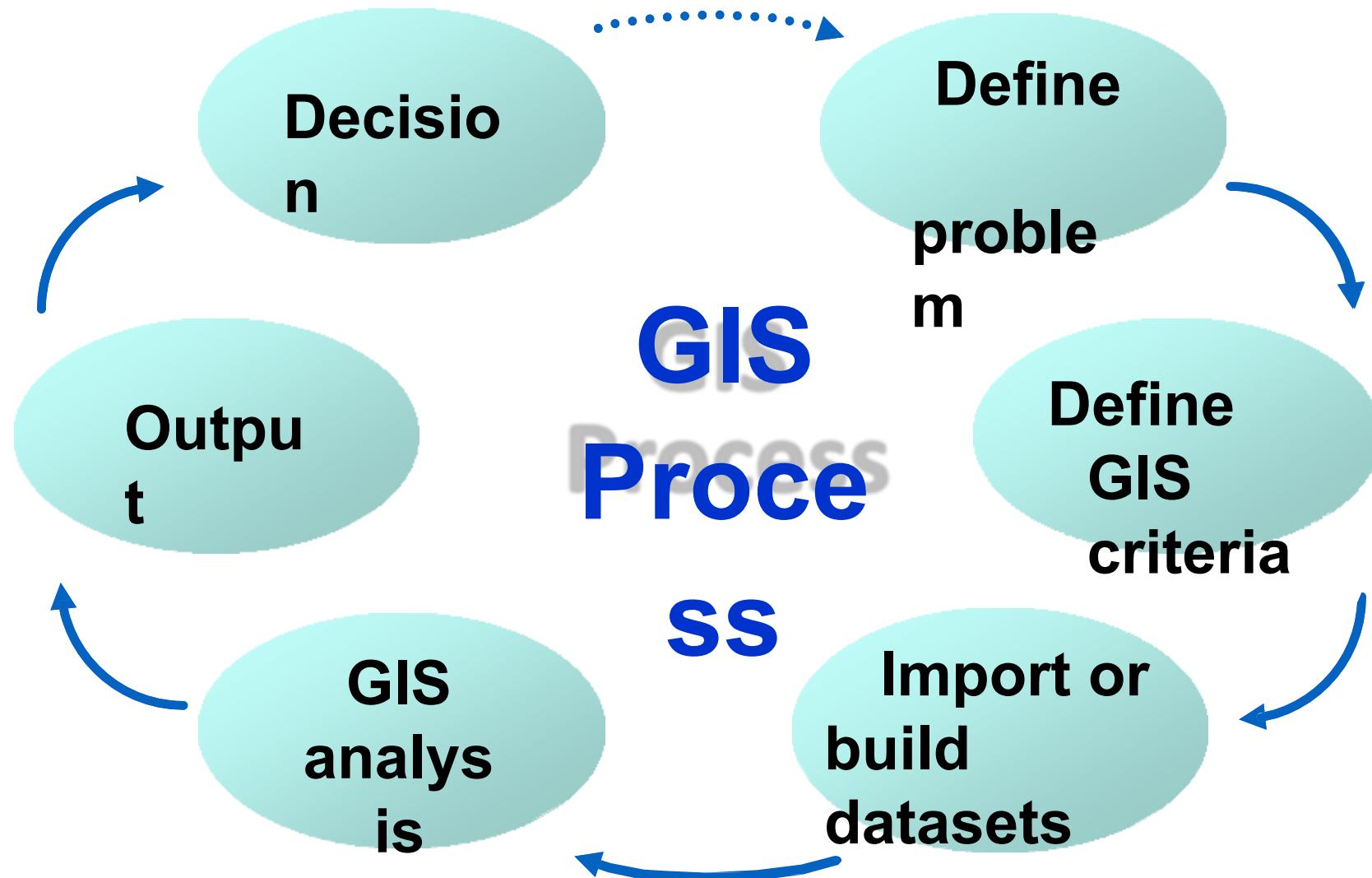


A means of
storing, retrieving,
sorting, and
comparing
spatial data
spatial data
to support some
analytic process.

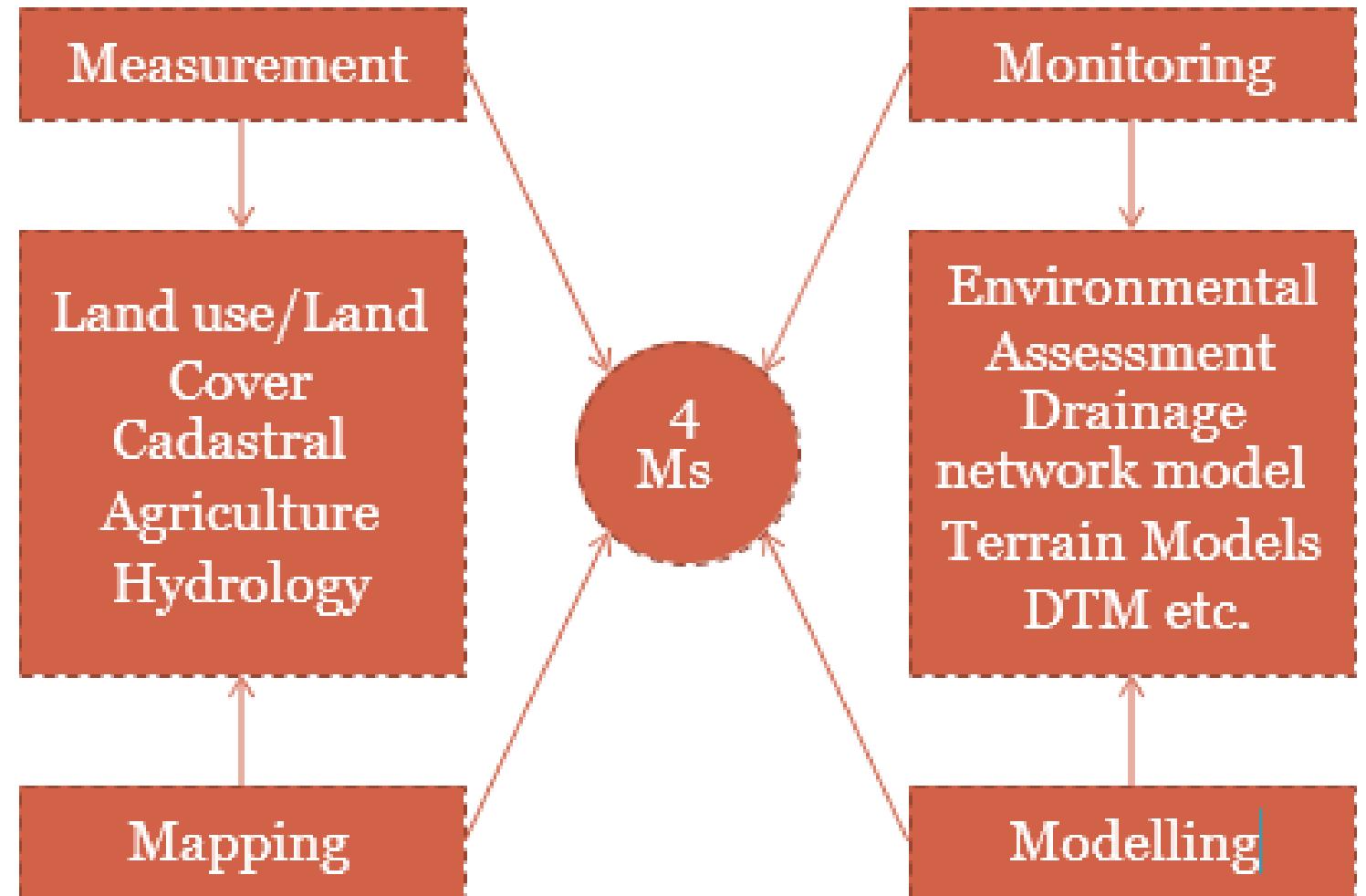
Components of a GIS

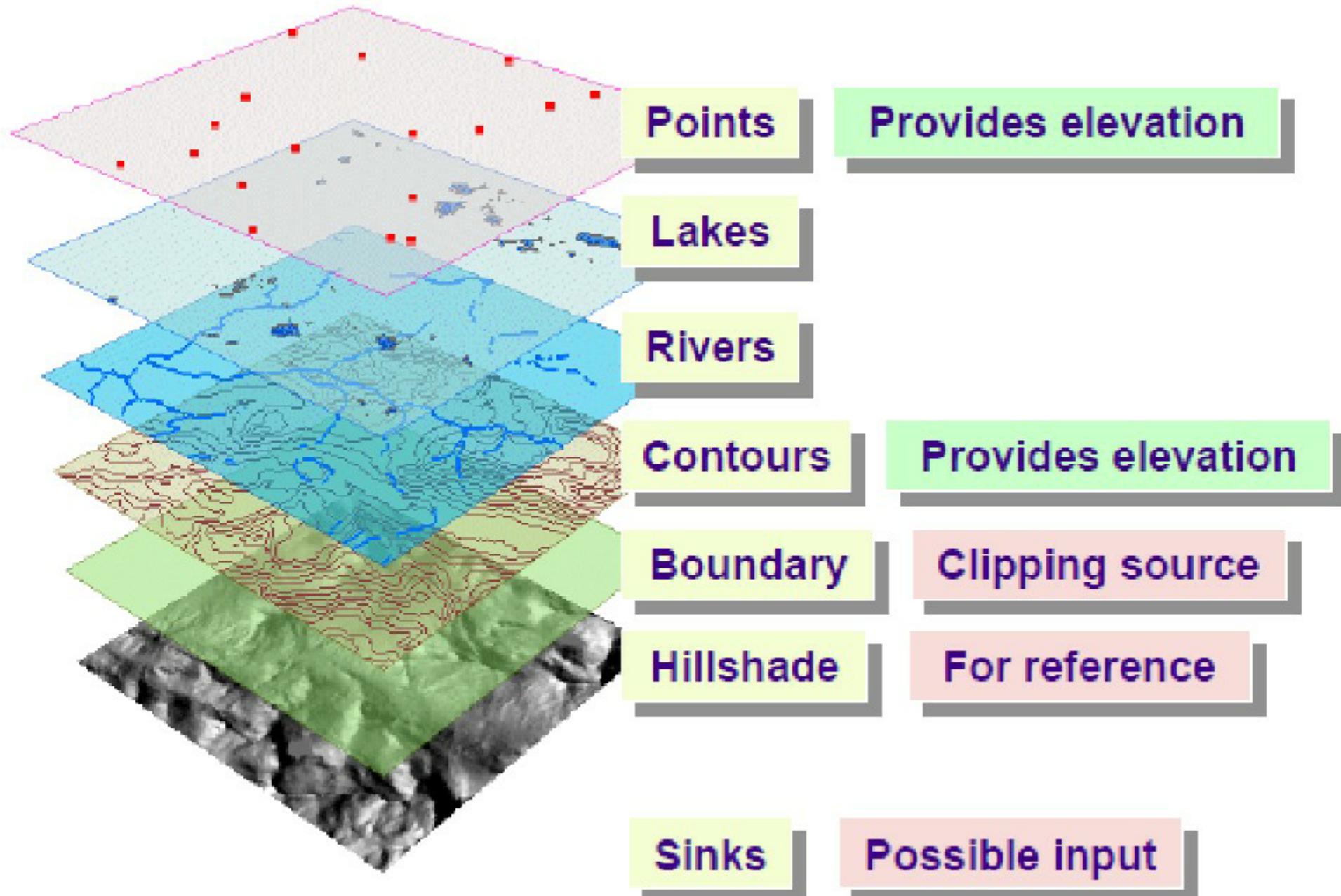


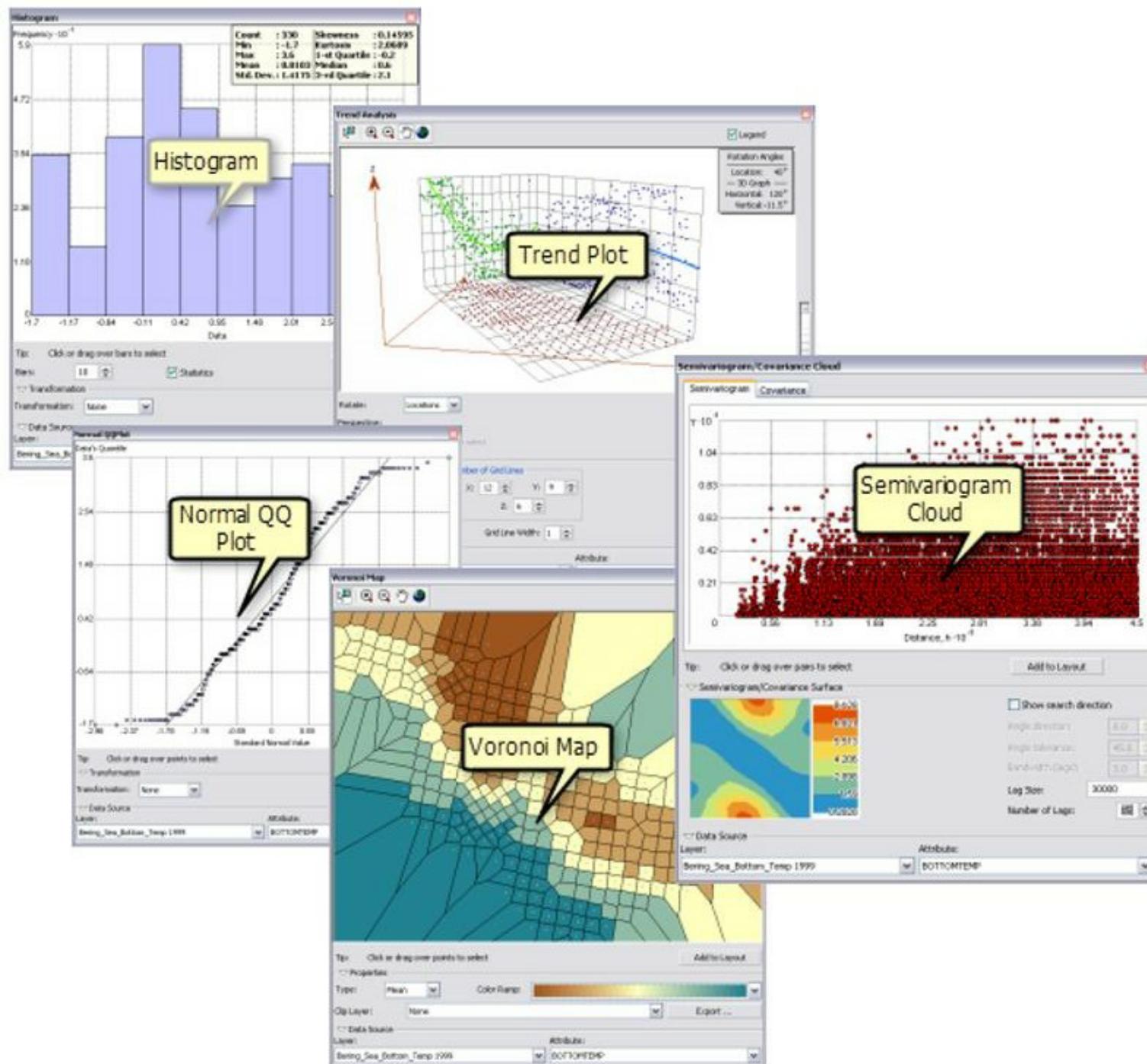
Geographic Information System



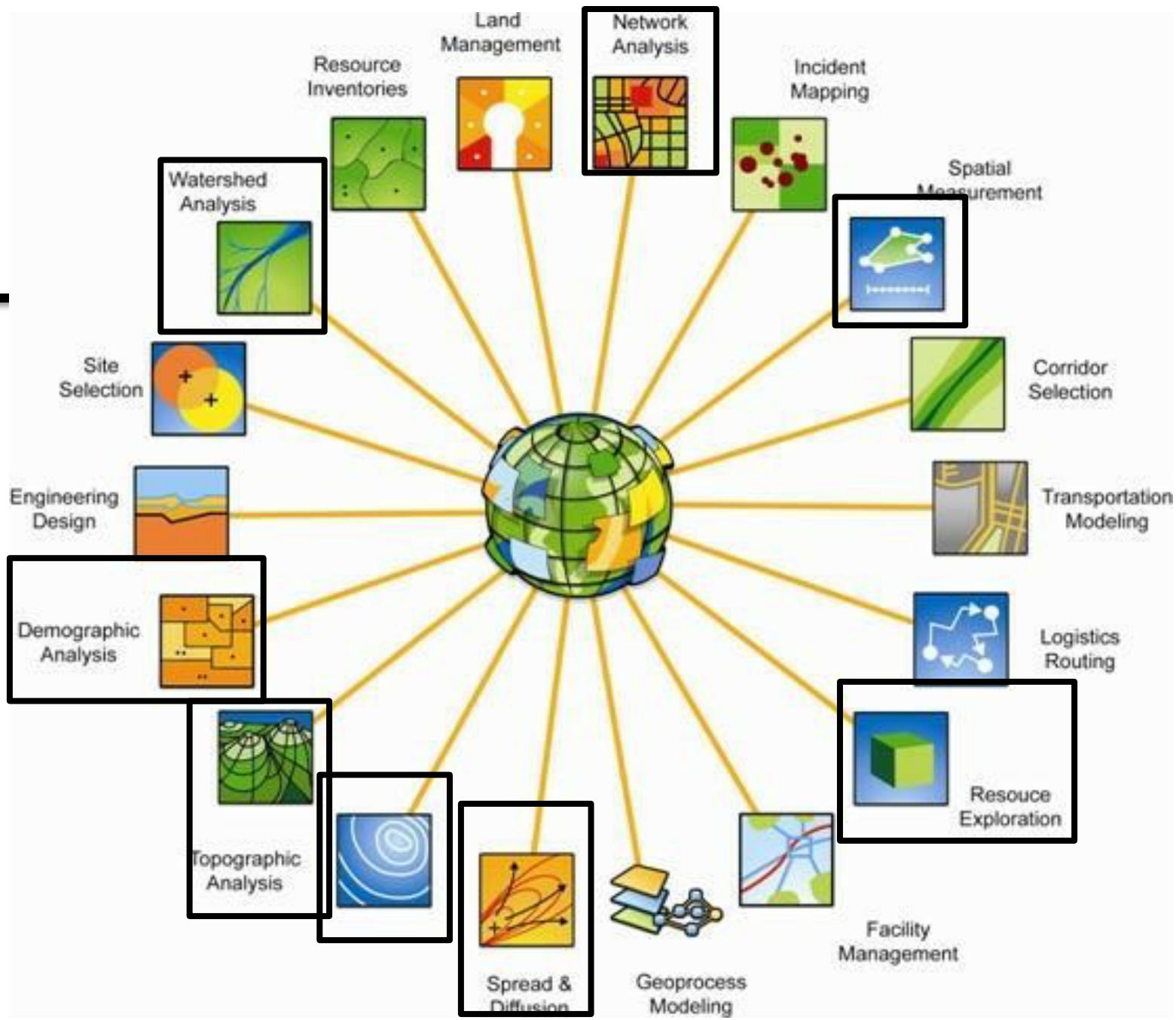
4Ms of GIS







Application of GIS



Introduction to QGIS

Quantum GIS

Open and Free to Use Community Driven Software



QGIS is a professional GIS application that is built on top of and proud to be itself Free and Open Source Software (FOSS).

Applications - Usage

DOWNLOAD

<https://qgis.org/en/site/forusers/download.html>

RECOMMENDED VERSIONS:

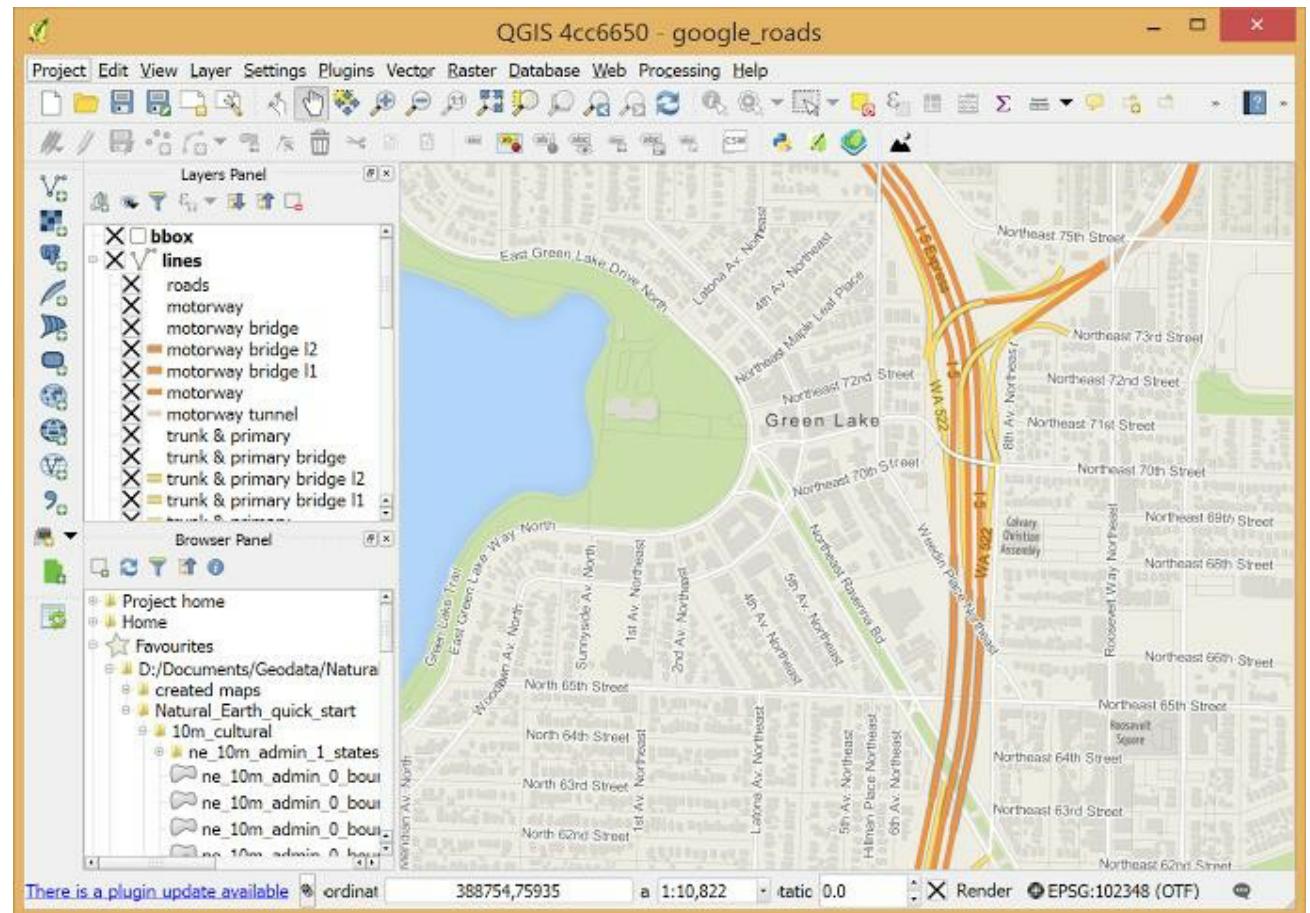
v 3.10 (stable)

v 3.14 (latest)

v 2.x (if the above two don't function on your system)

ADD-ONS

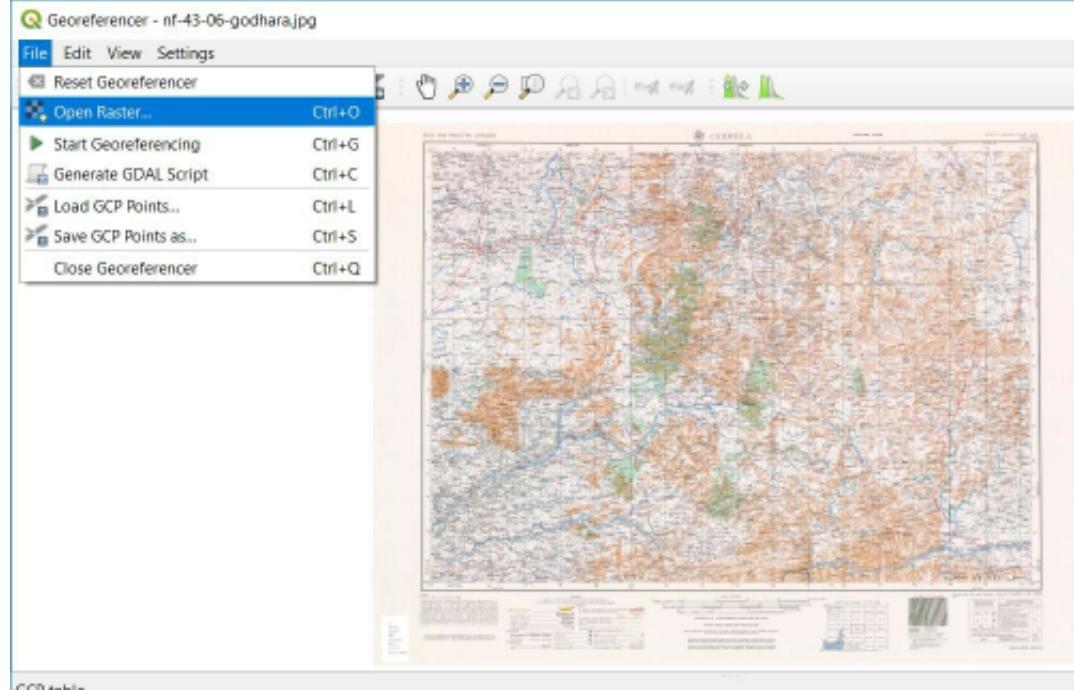
Python 2.7 (needs to be installed to use QGIS) <https://www.python.org/download/releases/2>



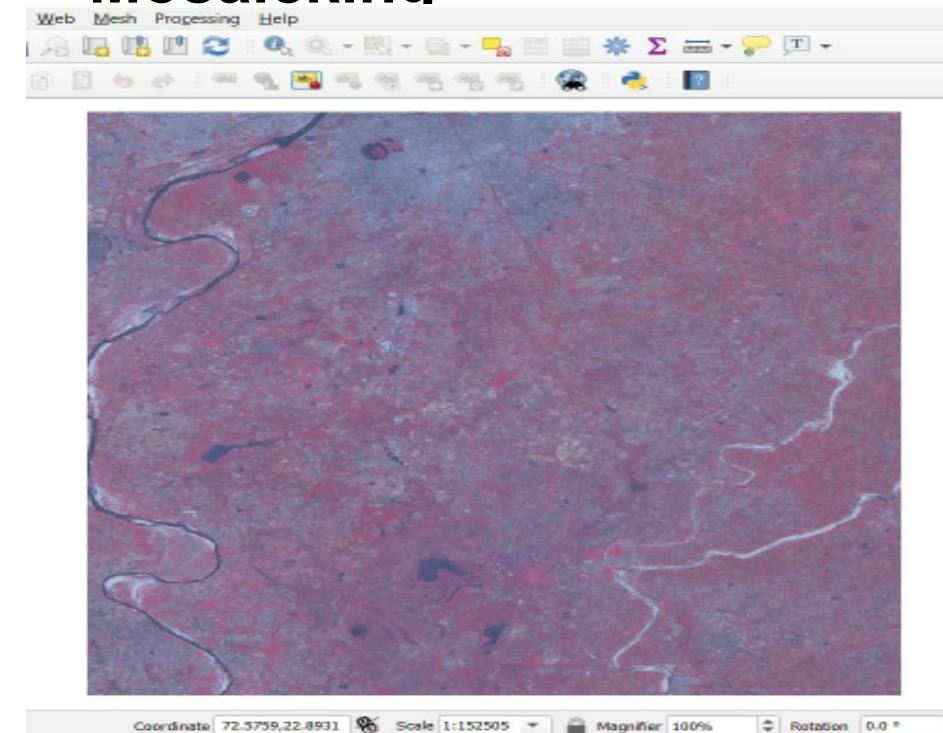
<https://www.qgis.org/en/ static/images/about-screenshot.png>

Practical Brief

Image Registration

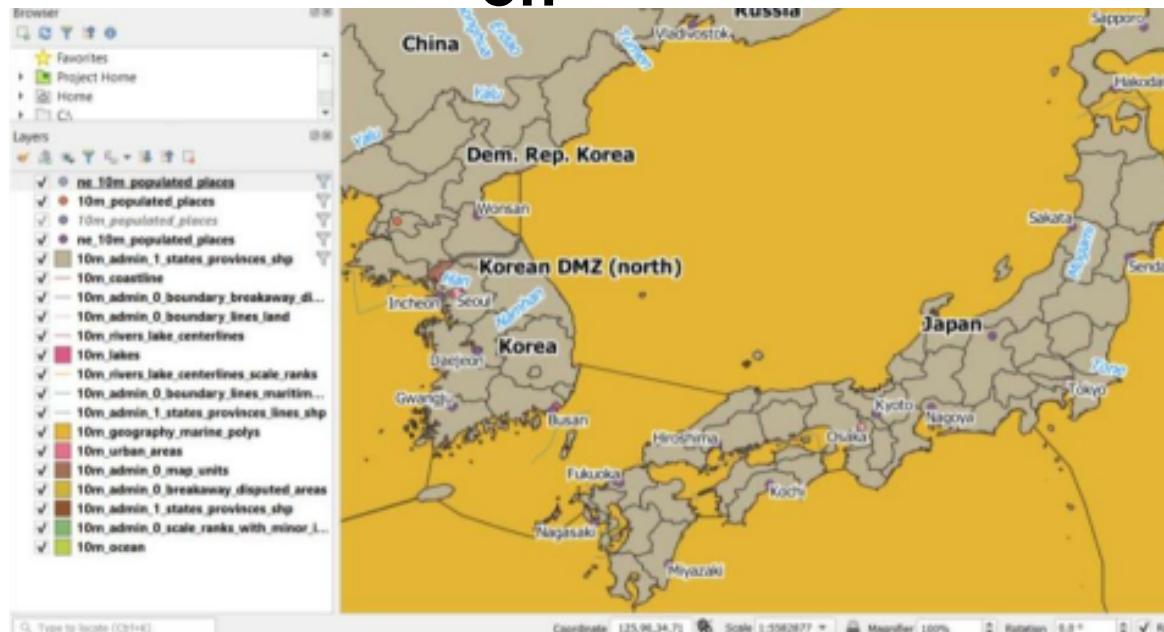


Layer Stacking and Mosaicking

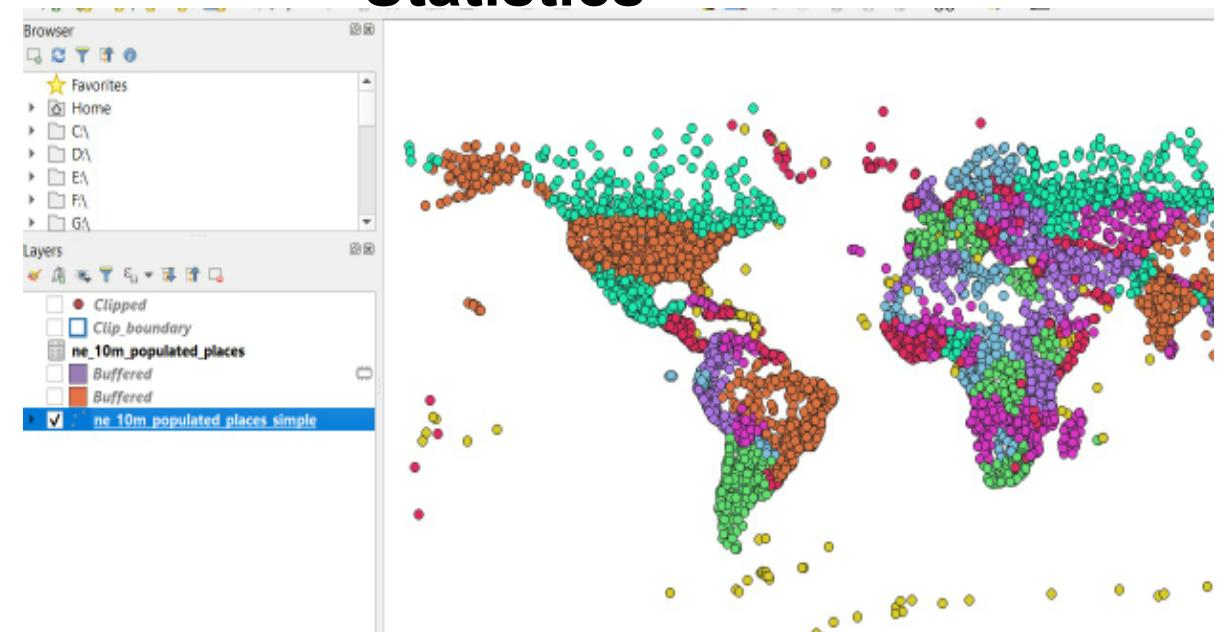


Practical Brief

Digitizati on

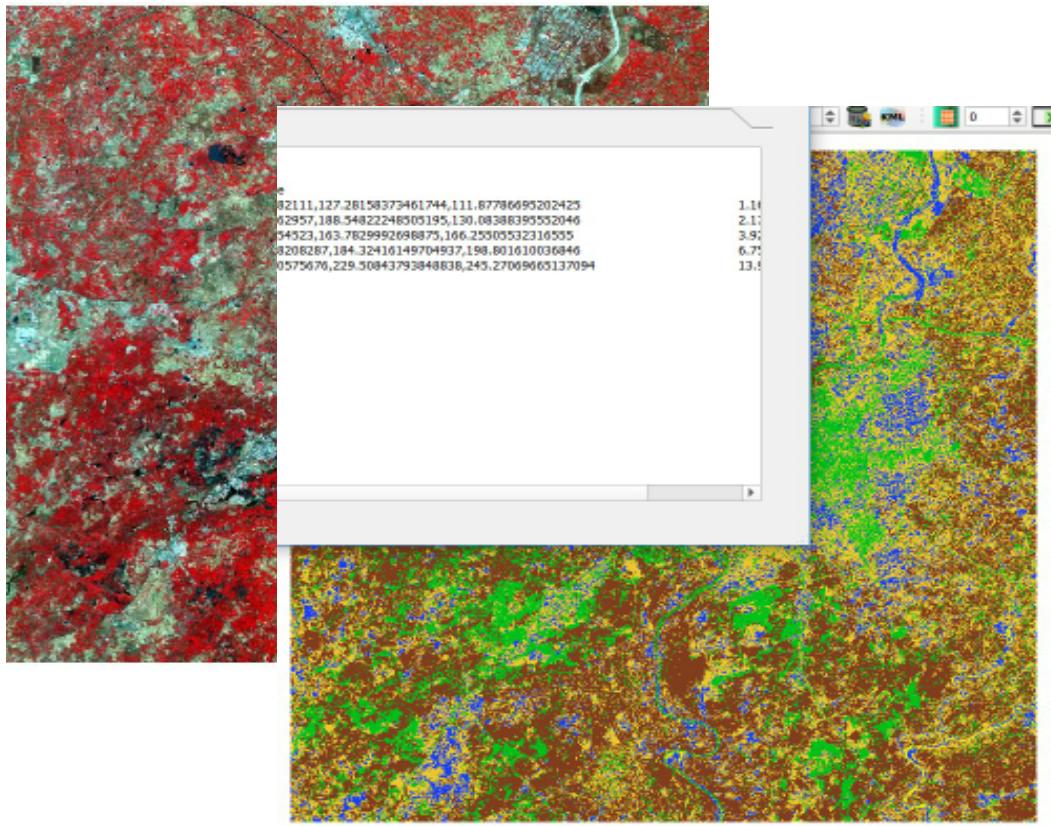


Vector Statistics

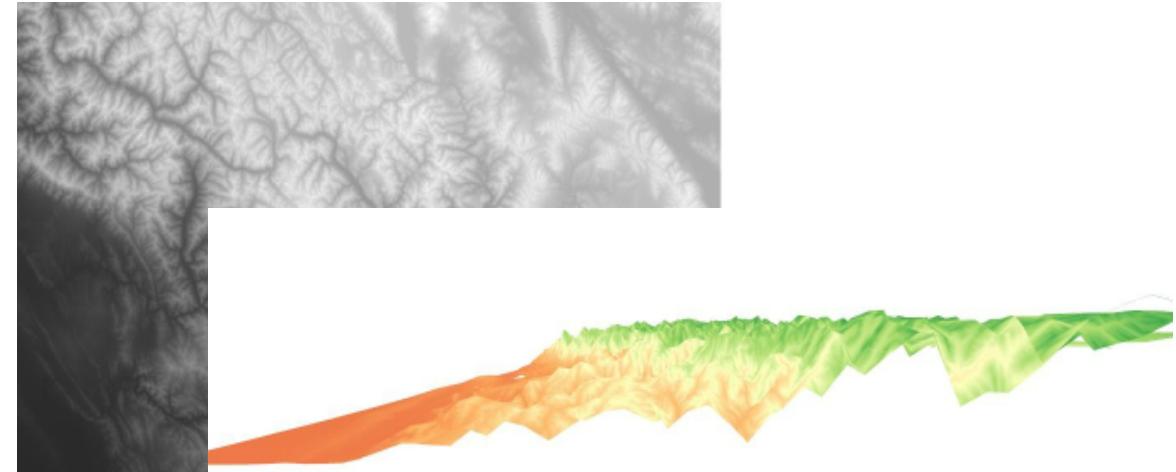


Practical Brief

Classification



DEM



Thank You

Any
Questions????