

A pair of hands is shown holding a glowing green globe. The globe has a faint map overlay and a grid of latitude and longitude lines. The hands are positioned around the globe, with fingers visible. The background is a bright, soft white light.

# Geographical Information Systems – Week 3

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# Who Said This?

**“A geographic information system (GIS), also known as a geographical information system or geospatial information system, is a system for capturing, storing, analyzing and managing data and associated attributes which are spatially referenced to the Earth.”<sup>1</sup>**

1. Wikipedia: The Free Encyclopedia - [http://en.wikipedia.org/wiki/Geographic\\_information\\_system](http://en.wikipedia.org/wiki/Geographic_information_system)

# Who Said This?

“GIS is a cross-disciplinary field and is found in the classrooms of many academic departments including those listed below.”<sup>2</sup>

Agriculture

Natural Resource Management

Military Science

Public Health

Engineering

Architecture

Natural Sciences

Business

Medicine Education

Physical Sciences

2. ESRI: GIS for Higher Education -

[http://www.esri.com/industries/university/education/discipline\\_list.html](http://www.esri.com/industries/university/education/discipline_list.html)



# Who Said This?

“GIS is a collection of computer hardware, software, and geographic data for capturing, managing, analyzing, and displaying all forms of geographically referenced information.”<sup>3</sup>

Agriculture

Natural Resource Management

Military Science

Public Health

Engineering

Architecture

Natural Sciences

Business

Medicine Education

Physical Sciences

3. ESRI: GIS.com –

<http://www.gis.com/whatisgis/index.html>

# Example

- **A Quote from the wikipedia website on “GIS” explains GIS** “known as a geographical information system or geospatial information system, is a system for capturing, storing, analyzing and managing data and associated attributes which are spatially referenced to the Earth.”
- Bibliography (sites used)
  - <http://www.gis.com/showcase/environmental.html>
  - [http://en.wikipedia.org/wiki/Geographic\\_information\\_system](http://en.wikipedia.org/wiki/Geographic_information_system)
  - <http://www.colorado.edu/geography/gcraft/notes/intro/intro.html>
  - <http://images.google.ca/images?um=1&hl=en&q=GIS+>

# Another Example

- ‘A geographic information system (GIS), also known as a geographical information system or geospatial information system, is a system for capturing, storing, analyzing and managing data and associated attributes which are spatially referenced to the Earth.’[\[1\]](#)

- [\[1\] http://en.wikipedia.org/wiki/Geographic\\_information\\_system](http://en.wikipedia.org/wiki/Geographic_information_system)



# One More Example

- GIS is a collection of computer hardware, software, and geographic data for capturing, managing, analyzing, and displaying all forms of geographically referenced information.

(Source: GIS.com)