geospatial-vector-data

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# Geospatial Vector Data

In this blog, I am going to describe some practices that the Internet of Water recommends when it comes to sharing geospatial vector data. But first, what is geospatial vector data, and why is it important as a component of water data?

Geospatial vector data represents particular features (things with locations in GIS speak) on Earth. In general, vector data uses combinations of X-Y coordinates to describe the location, which might be a discrete point, line segment, polygon, or collections of any of them.

pecific features on the Earth’s surface, and assign attributes to those features. Vectors are composed of discrete geometric locations (x, y values) known as vertices that define the shape of the spatial object. The organization of the vertices determines the type of vector that we are working with: point, line or polygon.

Why is it important for water data?

# Geospatial Data Standards

Why?

Which ones?

How to use?

How to implement

# Geospatial API Standards

Why?

Which ones?

How to use?

How to implement

3+3

[1] 6