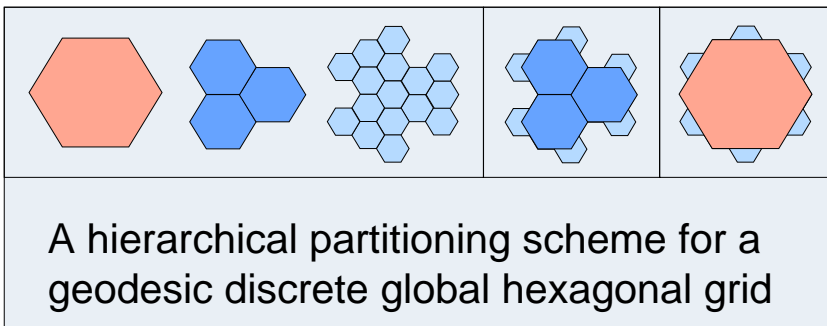
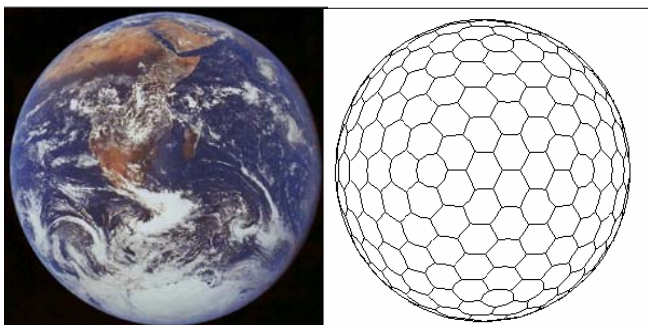


# Towards Interoperability of Global Geospatial Data Sets: Geodesic Discrete Global Grids

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**The Vision:** to use the same data partitioning scheme for all global data sets.

## Why?

1. To facilitate local comparisons between different data sets.
2. To speed up global computations between data sets.

**An example:** given an avian flu pandemic, is there a relationship between global disease distribution and global winds?

## Why hexagons?

1. [Almost] the same shape and size all over the sphere (compare lat/long grid).
2. Better mathematical properties for modeling of dynamic processes e.g. weather patterns

