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3D visualization of geomagnetic field with Google Earth

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Difficulty to indicate the geomagnetic field and paleomagnetic results is due to its nature, invisible vector field.

Expencive and professional tools have been used for 3D visualization in geomagnetism, but it is not for the public. Now we have a good and powerful tool, Google Earth. It is regarded as a plathome of GIS issues. It has many advantaves; (1) it's free of charge, (2) no additional library is neccessary, (3) cross-flatform technology (available in MS Windows, MacOS and Linux), (4) you can zoom, rotate objects and change view point as you like, (5) temporary changes can be exhibive, and (6) you can add and make new textures on the Earth with using KML.

Here we show the use of Google Earth for geomagnetism, paleomagnetism and rockmagnetism. It will enable us to find new speculations and interpretations for geomagnetism. It also will become a new 3D plathome for spherical viewes.