

Dagik as a data-showcase system for sharing the visualization files of the geoscience data

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<http://www-step.kugi.kyoto-u.ac.jp/dagik/>

We proposed to establish data-showcase systems to display the various geoscience data in one frame. World Wide Web (WWW)-based databases of geophysical data have enhanced the data exchange since middle of 1990s. As the number of geoscience database increased, it got widely recognized that the data combination and comparison of various types of data are still difficult with WWW-based databases. Data-showcase is not a system to provide data, but a system to show various types of the geoscience data in four-dimension with real relative scale. It is expected to be used as a portal to the databases. Dagik, Data of Geoscience in kml, is the first data-showcase system for the geoscience data. It contains several types of data of ground-based and satellite measurements, indices, and numerical simulation results, such as GPS TEC maps, IMAGE satellite FUV images, magnetometer data and others in an intuitable data presentation. We expect Dagik would make the combination and comparison of the geoscience data easier, and foster new inter-disciplinary scientific researches.