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Outreach activities using data-showcase system Dagik

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

We developed Dagik, Data of Geoscience in KML, as a data-showcase system for the geoscience data. It uses Google Earth as a data browser. Geo-browsers such as Google Earth enable to present data in four-dimension, and make it easy to compare and combine the various types of data with real relative scale in one frame.

We used Dagik for outreach exhibitions at three museums. Google Earth and Gagik movies are projected on a white hemisphere of foam polystyrene on the walls by a PC projector. The virtual globe can be controlled with Wii remote. The educational exhibition programs are provided in KML files, and can be downloaded from Dagik website through the internet. We call this exhibition system 'Dagik Ball'. Dagik Ball is much easier to set up, and less expensive than other virtual globe exhibition systems.