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Four-dimensional digital globe, Dagik Earth, in class rooms and science museums

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A simple and affordable system of four-dimensional presentation of the Earth was developed and used in exhibitions in science museums and classrooms. It is called Dagik Earth. Dagik Earth is the project that develops and demonstrates the educational programs of geoscience in classrooms and science museums using this 4D (three dimension in space and one dimension in time) Earth presentation method. It is an easy system to display global geoscience data in three dimensions without any complex and expensive systems. Package of hardware, geoscience data plot, and textbook have been developed to be used in classrooms and science museums. Portability, low cost and easiness of development new contents are advantages of Dagik Earth comparing to the other similar 3D systems.

Keywords: digital globe, earth science, class room, exhibition, interactive