

USING REMOTE SENSING AND GIS TO CREATE GEOGRAPHICAL BASES FOR THEMATIC MAPS

Oyunkhand Byamba

Siberian State University of Geosystems and Technologies, 10, Plakhotnogo St., Novosibirsk, 630108, Russia, Ph. D. Student, Department of Cartography and Geoinformatics, phone: +976-11-96028580, e-mail: oyunkhand_55@yahoo.com, b.oyunkhand@num.edu.mn

Elena L. Kasyanova

Siberian State University of Geosystems and Technologies, 10, Plakhotnogo St., Novosibirsk, 630108, Russia, Ph. D., Associate Professor, Department of Cartography and Geoinformatics, phone: (383)361-06-35, e-mail: helenkass@mail.ru

The development of science always depends on technological progress. Cartography is rapidly changing and developing with the introduction of new computer technologies, such as GIS and remote sensing of the Earth. Recently, there have been qualitatively new types of cartographic products, in particular 3D terrain models, which in cartography are becoming a universal, optimal and operational method for displaying terrain. The article discusses a method for creating a three-dimensional digital terrain model in the form of an irregular triangulation network based on SRTM data and GIS technology on the example of the Khenti aimag of Eastern Mongolia.

Keywords: thematic map, remote sensing of the Earth, digital terrain model, three-dimensional mapping

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