

## **Utilization space information from SC “Monitor-E” in geoinformational systems**

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Launching of small remote sensing spacecraft “Monitor-E”, developed by Khrunichev State Research and Production Space Center is planned in June, 2005. Optoelectronic survey instrument, installed on SC will allow to receive the panchromatic imagers of Earth’s surface with resolution 8 m, multispectral – with resolution 20 m. EO data receiving from SC is carried out by ground receiving stations, adapted to receive space information from SC “Monitor-E”. Operative space information of medium resolution and geoinformational methods and technologies will allow to solve many administrative and research tasks in geology, hydrology, agriculture, forestry, environmental monitoring, exploration, planning and construction of roads, trunk pipelines, development of cities and other objects and also to realize risk management and solve other socio-economic tasks. The possibility of space information utilization from SC “Monitor-E” is considered to be the mapping base in the scale 1: 200 000 in geoinformational systems (GIS), and also at creation and renewal of thematic GIS layers in the scale 1 : 250 000 and smaller.