

## ANALYSIS OF POSSIBLE WAYS FOR UKRAINE TO ENTER THE INTERNATIONAL SCENE OF EARTH REMOTE SENSING

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The aim of this paper is to analyze possible ways of using images from Ukrainian Earth remote sensing satellites which would allow Ukraine to enter the international scene with participation in international projects.

At present, the use of satellite images shows a rapid development. All over the world, new, nontraditional for Earth remote sensing customers, such as banks, insurance companies, large distribution networks, etc., have begun to realize the opportunities and benefits of using geoinformational technologies and space monitoring. The world trend is towards a full multiple cover of the whole of the Earth surface with a high spatial resolution during a year. Technologically, the key operators of Earth remote sensing space systems are already ready for this. Ukraine has not yet positioned itself as a country that could participate in satellite imagery, although the availability of Earth remote sensing satellites is declared in conceptual documents:

- the Concept of the State Policy of Ukraine in Space Activities up to 2032 declares a stationary constellation of Earth remote sensing satellites;
- the Draft State Target Scientific and Technical Space Program of Ukraine envisages the launch of two satellites, Sich-2-1 and Sich 2-2, and the experimental development of the Sich-2M satellite.

The ways of using images from Ukrainian Earth remote sensing satellites considered in this paper may be used in planning the operation of the Sich-2-1, the Sich-2-2, and the Sich-2M satellites in such a way as to allow Ukraine to enter the international scene, for example, through cooperation with international systems, such as GEOS, DMC, COPERNICUS, etc.

**Keywords:** *Earth remote sensing, satellite, space image, trends in space system development, international cooperation.*

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