

An example of visualizing data from a multispectral satellite image. Volcano Bogdyn dosh, Darganga plateau, southeast Mongolia
RGB Option: Grey. The image obtained from the data of many images. Base layer: World Imagery, ESRI, Scale 1:3,400.

Classroom resources / visualization of multispectral image data / base layers



The picture shows the volcano Bogdyn dosh (1627.0). The cone is clearly visible, the main and additional crater, the destroyed part of the cone, the overflowing lava flow. Scale 1:3,400-1:1,600.
Example of scale variation and monochrome version of the image. GPS: 45.432930° / 114.571240°

Multispectral images that include data outside the human-visible spectrum provide more complete information about the Earth's surface. GIS application tools provide researchers with ample opportunities for their interpretation, visualization, creating a more realistic image of the landscape and maps.

ArcGIS Desktop v10.3.0. Esri Inc., Abdulmyanov S.N.



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