

An example of visualizing data from a multispectral satellite image. Tectonic folded deformations of the Noyon uul ridge, Gobi Altai

The image obtained from the data of many images. Base layer World Imagery / World Hillshade Dark, ESRI, Scale 1:24,000

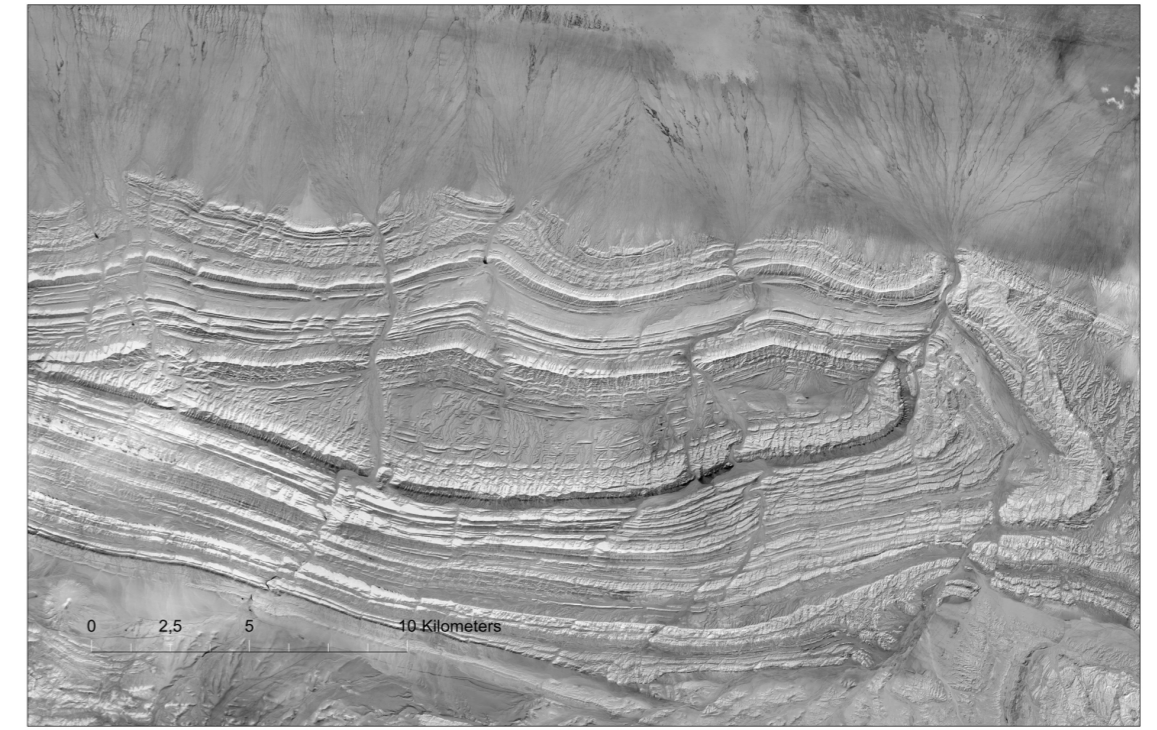
Classroom resources / visualization of multispectral image data / base layers



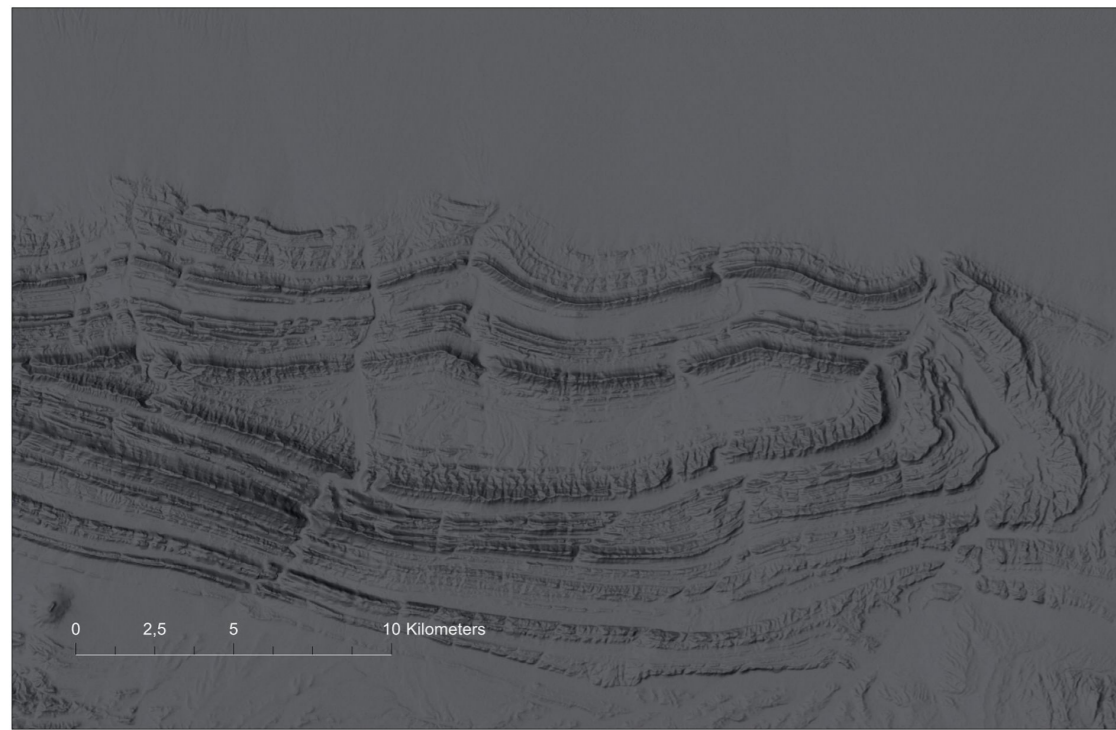
1. Base layer World Imagery, ESRI



2. Remove color, grey version



3. Negative, grey version



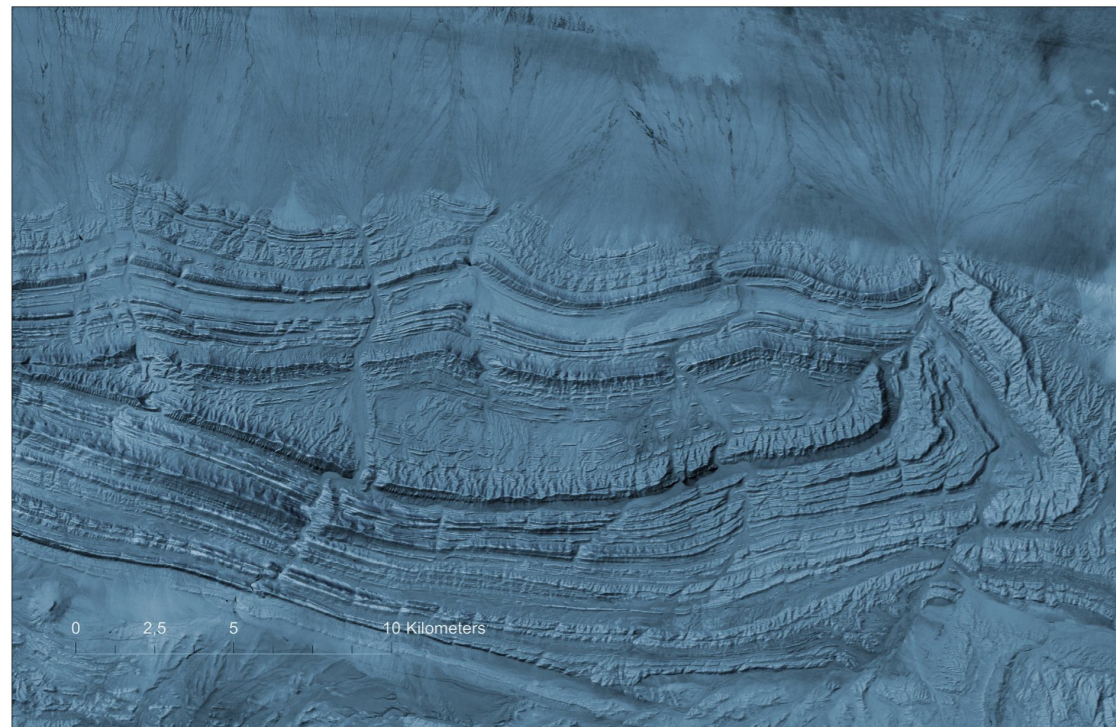
4. Base layer World Hillshade Dark, ESRI



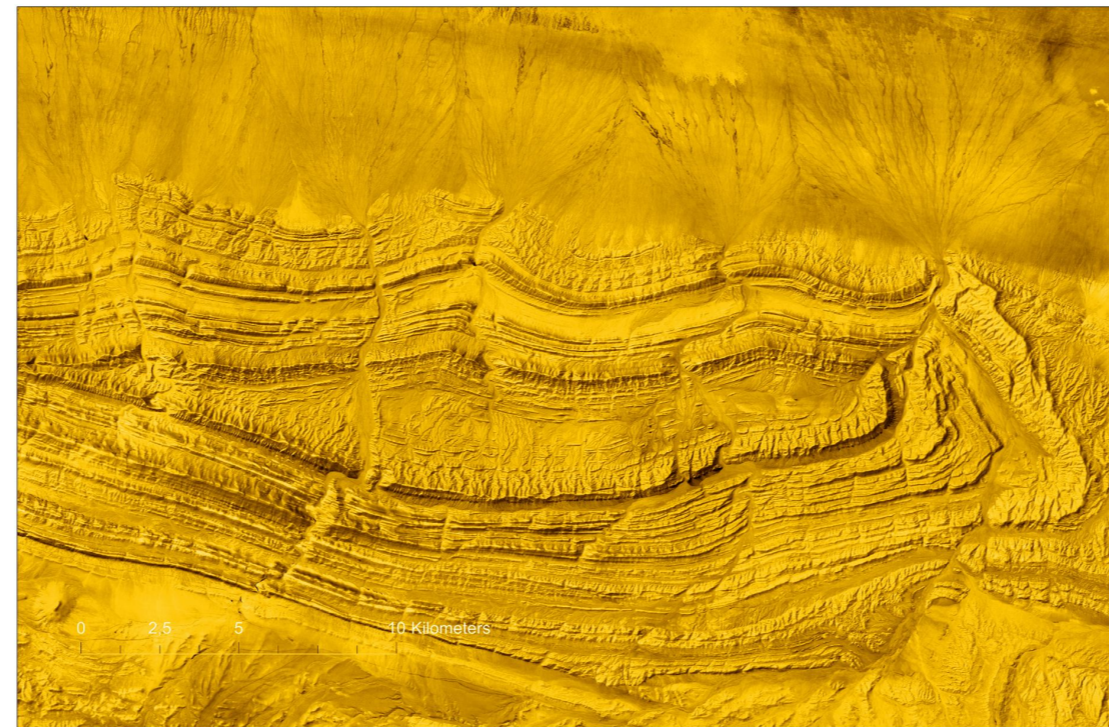
5. Remove base layer, grey version



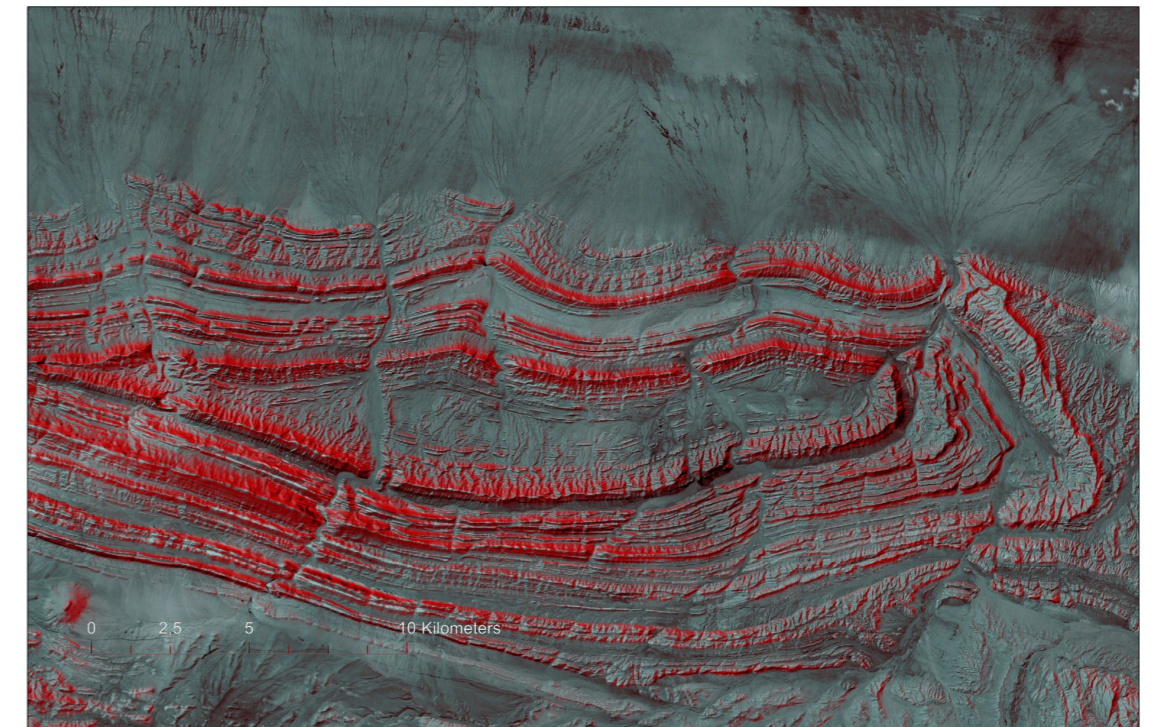
6. Negative, grey version



7. New realistic and more visual cartographic image. False Color



8. New realistic and more visual cartographic image. False Color



9. New realistic and more visual cartographic image. False Color

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.



