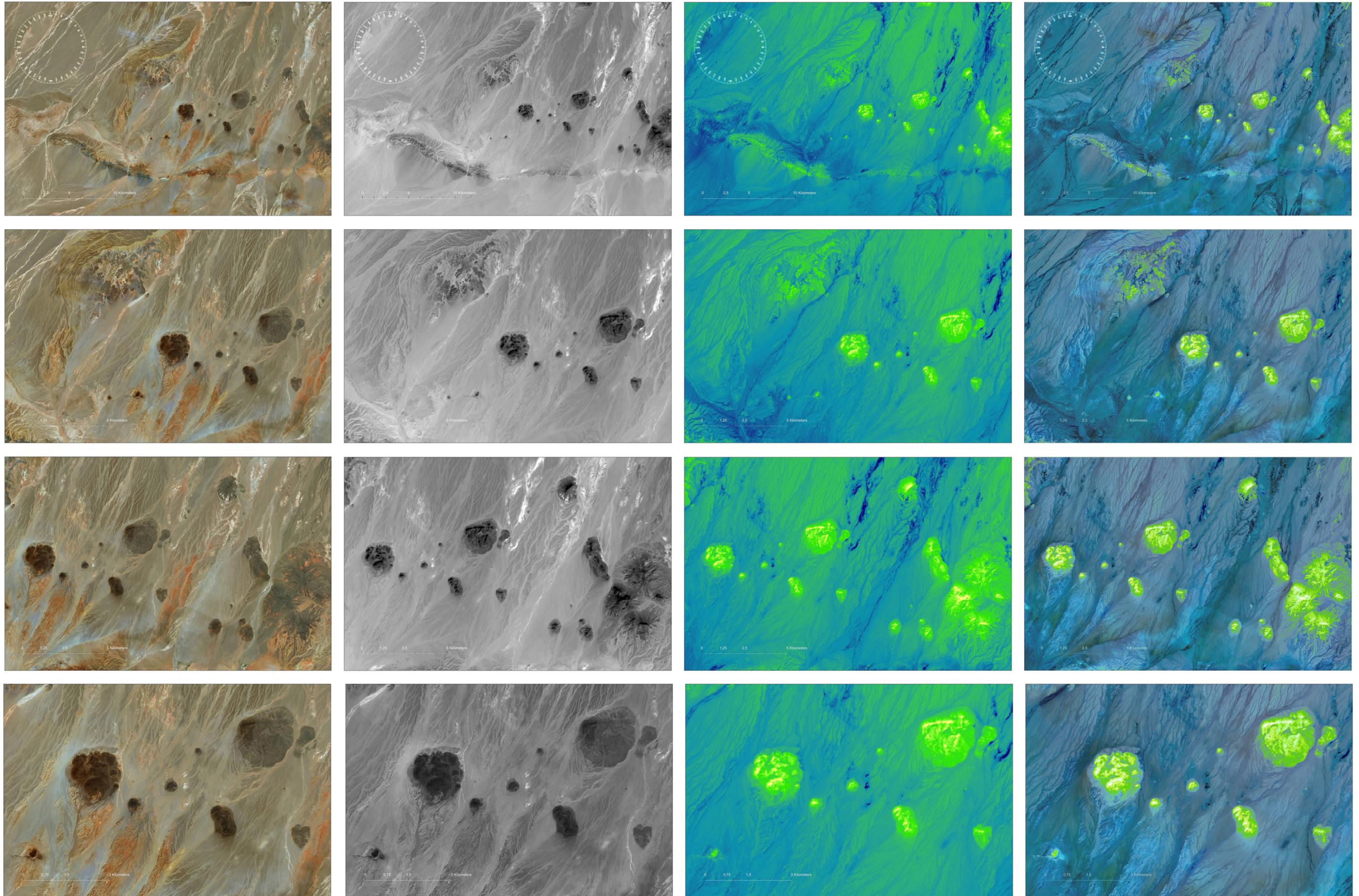


Examples of fast visualization of Landsat multispectral satellite image data for a group of volcanoes, Gobi Altai

Landsat Product ID: LC08_L1TP_134029_20160415_20170326_01_T1 / Landsat Scene ID: LC81340292016106LGN01, File Date: 2017-03-26T19:03:15Z. NASA-USGS / Base layer World Imagery (Clarity), ESRI. Scale 1:24,000 -1:6,000.

Classroom resources / visualization of multispectral image data / false color & base layer

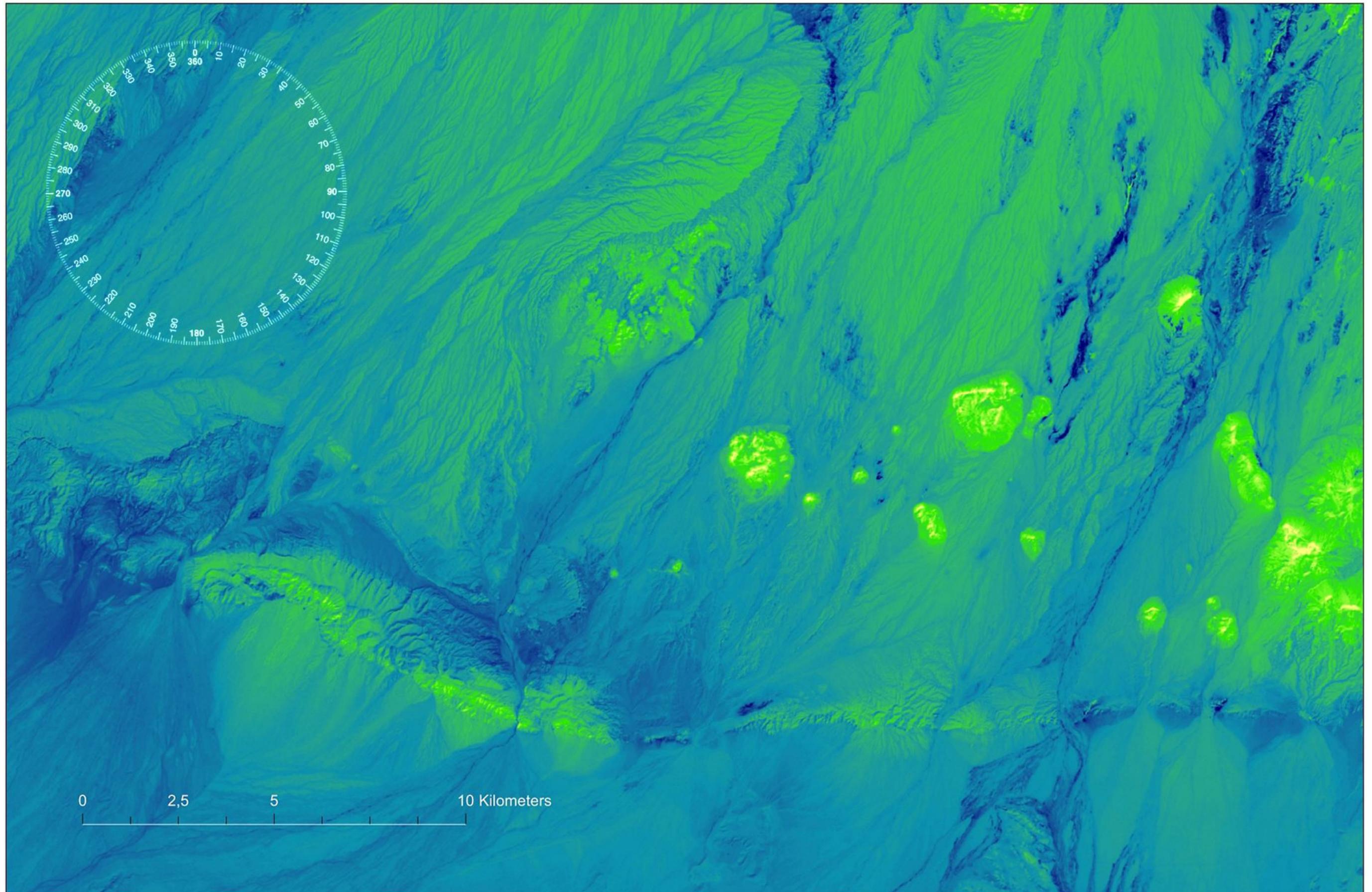


An example of illustrations is a visualization of satellite data. Gobi Altai, Bogd area, Uverkhangay aimag, Central Mongolia. The highest point of the region is Tegsh volcano (1644.9 m). Coordinates: 44,372784° / 102,133672°. From left to right: a - base layer World Imagery (Clarity) ESRI; b - image Landsat-8 OLI TIRS (Canal B8, Panchromatic), c - color version false colors; d - color version false colors in combination with the base layer.

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.



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Large image - Landsat-8 OLI TIRS (Canal B8, Panchromatic), originals.

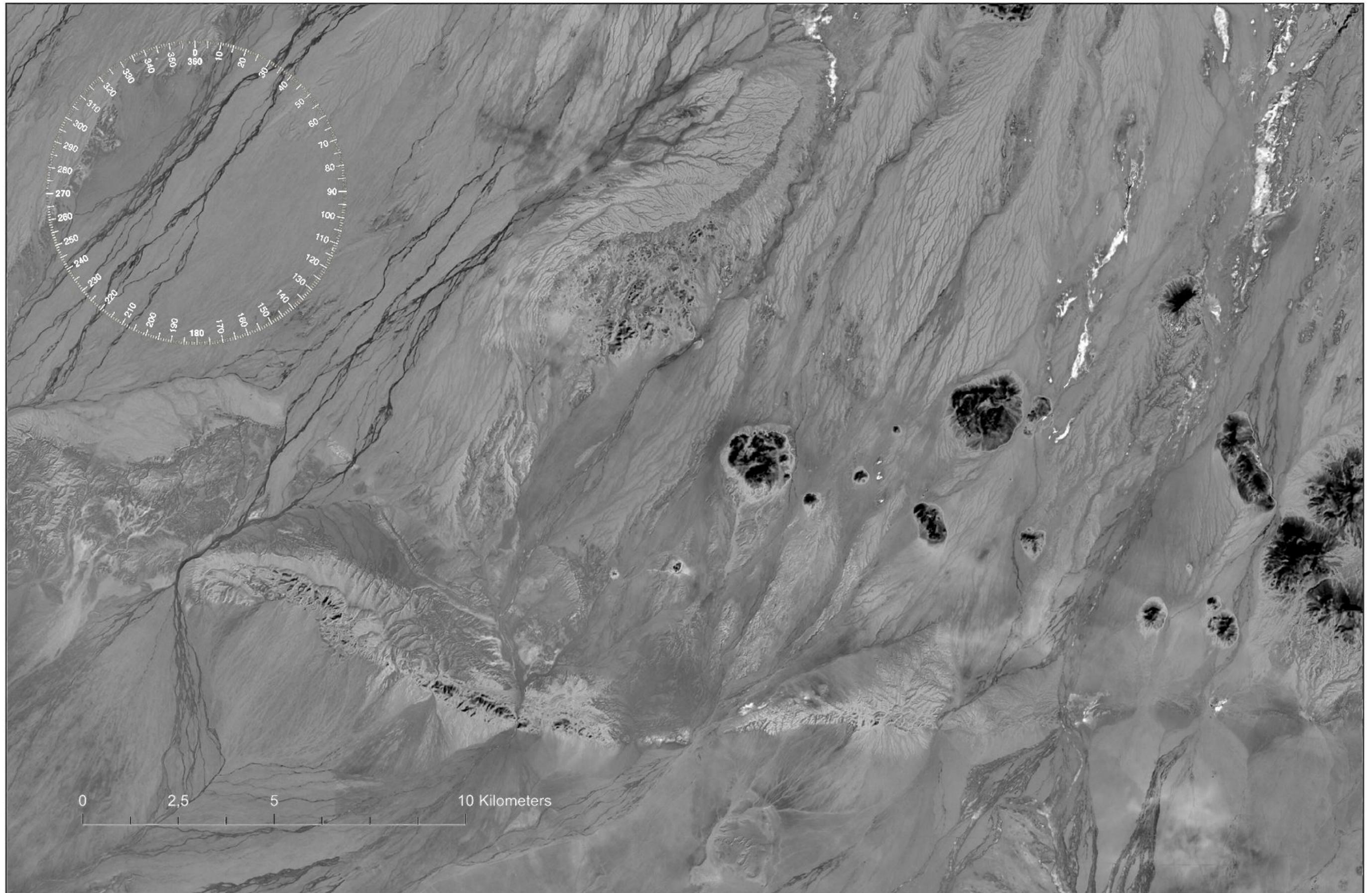


An example of illustrations is a visualization of satellite data. Gobi Altai, Bogd area, Uverkhangay aimag, Central Mongolia. The highest point of the region is Tegsh volcano (1644.9 m). Coordinates: 44,372784° / 102,133672°. Large images - Landsat-8 OLI TIRS (Canal B8, Panchromatic), color version false colors.

Examples of fast visualization of Landsat multispectral satellite image data for a group of volcanoes, Gobi Altai

Landsat Product ID: LC08_L1TP_134029_20160415_20170326_01_T1 / Landsat Scene ID: LC81340292016106LGN01, File Date: 2017-03-26T19:03:15Z. NASA-USGS / Base layer: World Imagery. ESRI. Scale 1:24,000.

Classroom resources / visualization of multispectral image data / false color & base layers



An example of illustrations is a visualization of satellite data. Gobi Altai, Bogd area, Uverkhangay aimag, Central Mongolia. The highest point of the region is Tegsh volcano (1644.9 m). Coordinates: 44,372784° / 102,133672°.

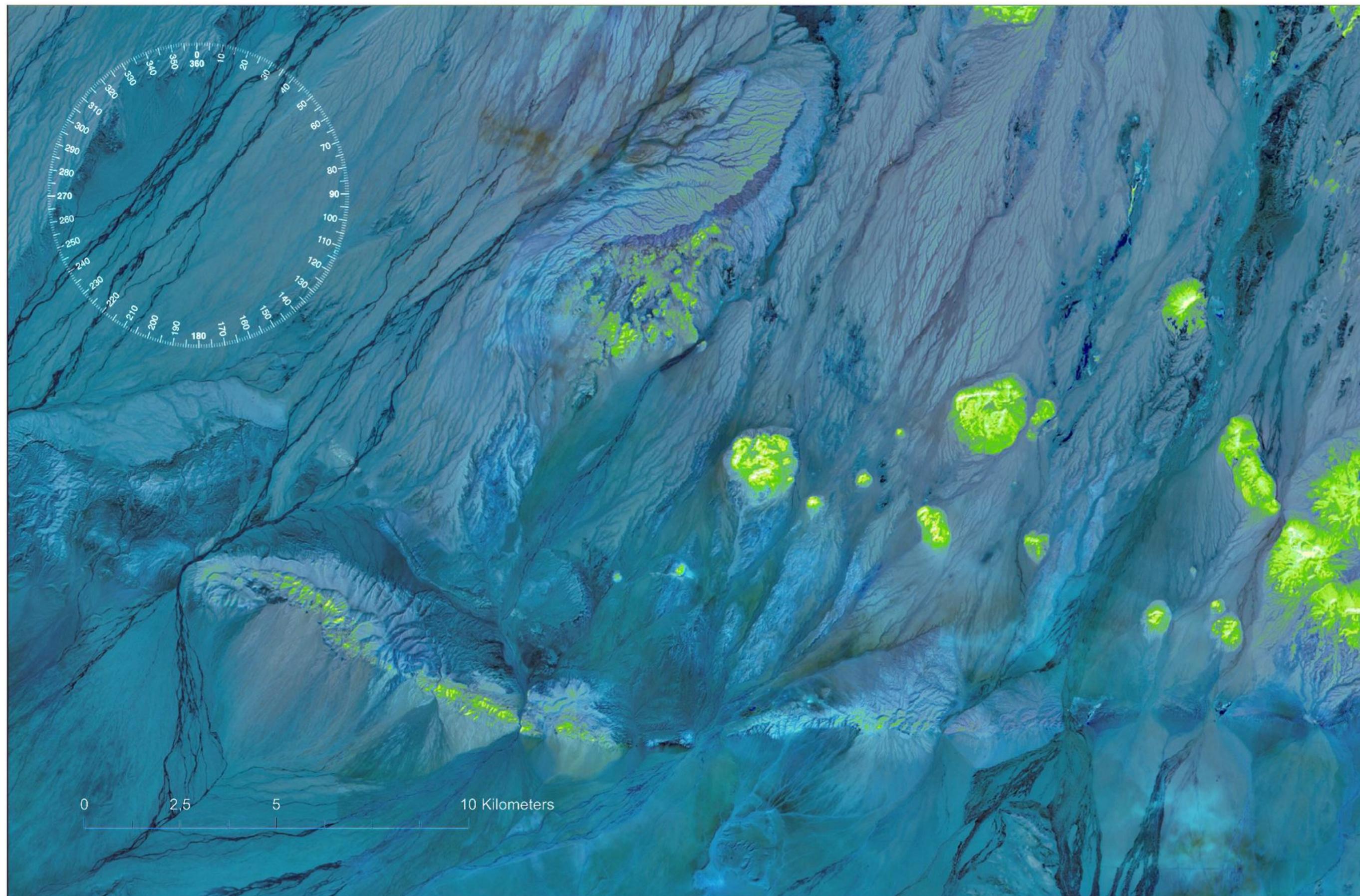
Large images - Landsat-8 OLI TIRS (Canal B8, Panchromatic), grey version in combination with the base layer.

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Classroom resources / visualization of multispectral image data / false color & base layers



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Large images - Landsat-8 OLI TIRS (Canal B8, Panchromatic), color version false colors in combination with the base layer.

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