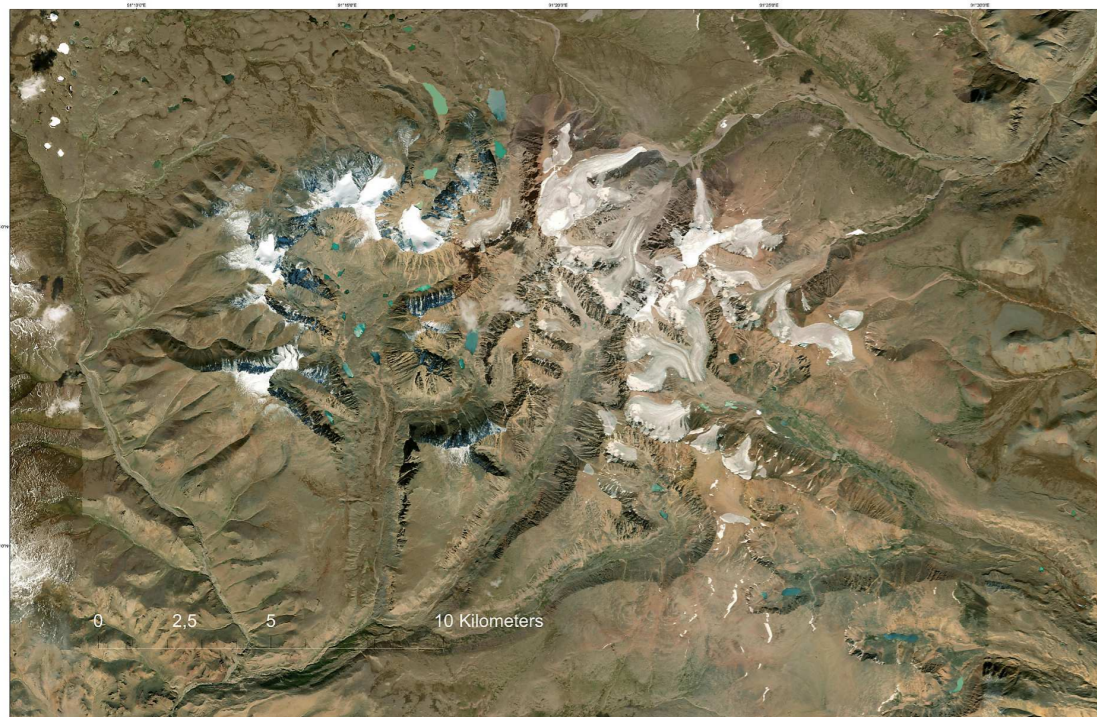
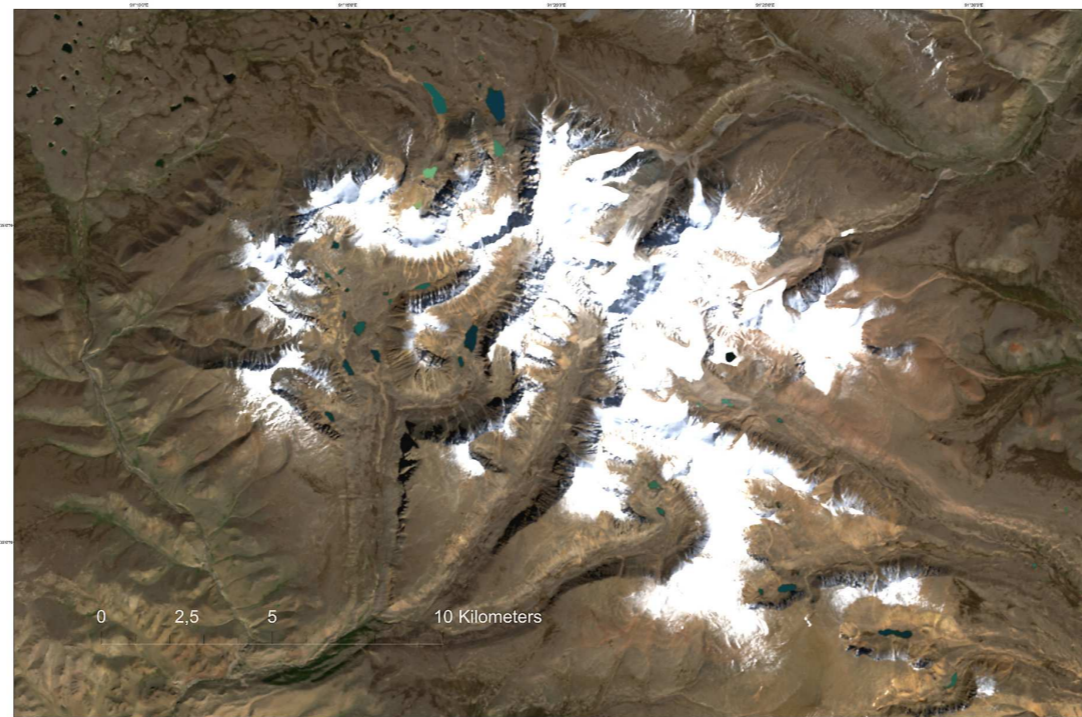


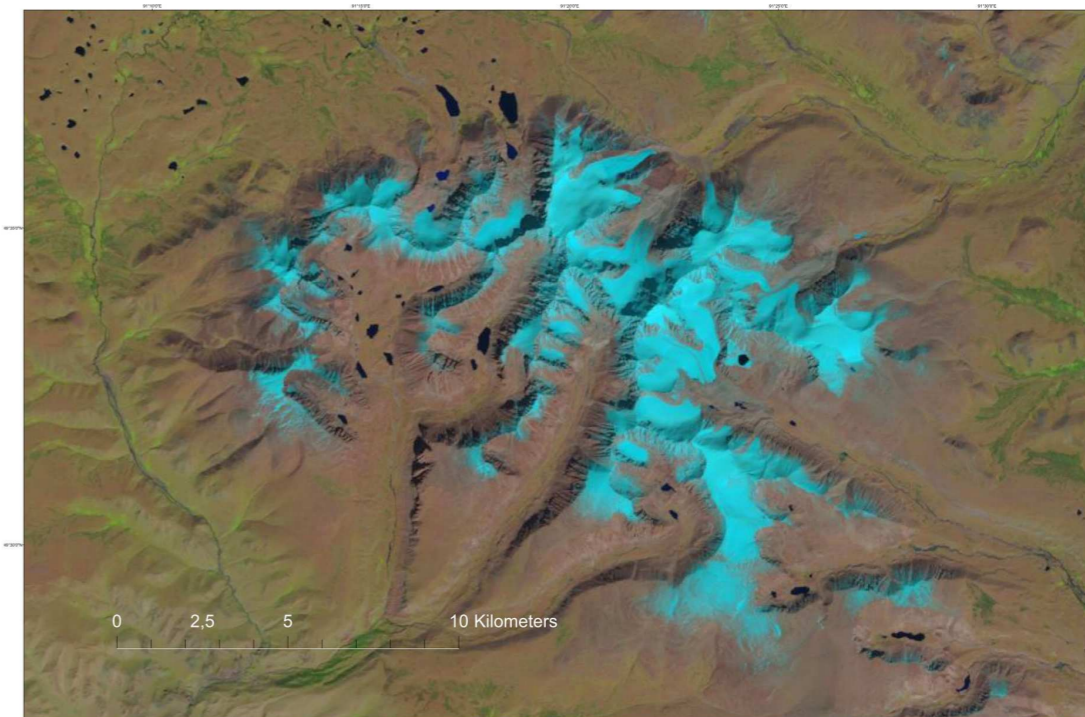
Classroom resources / visualization of multispectral image data / false color



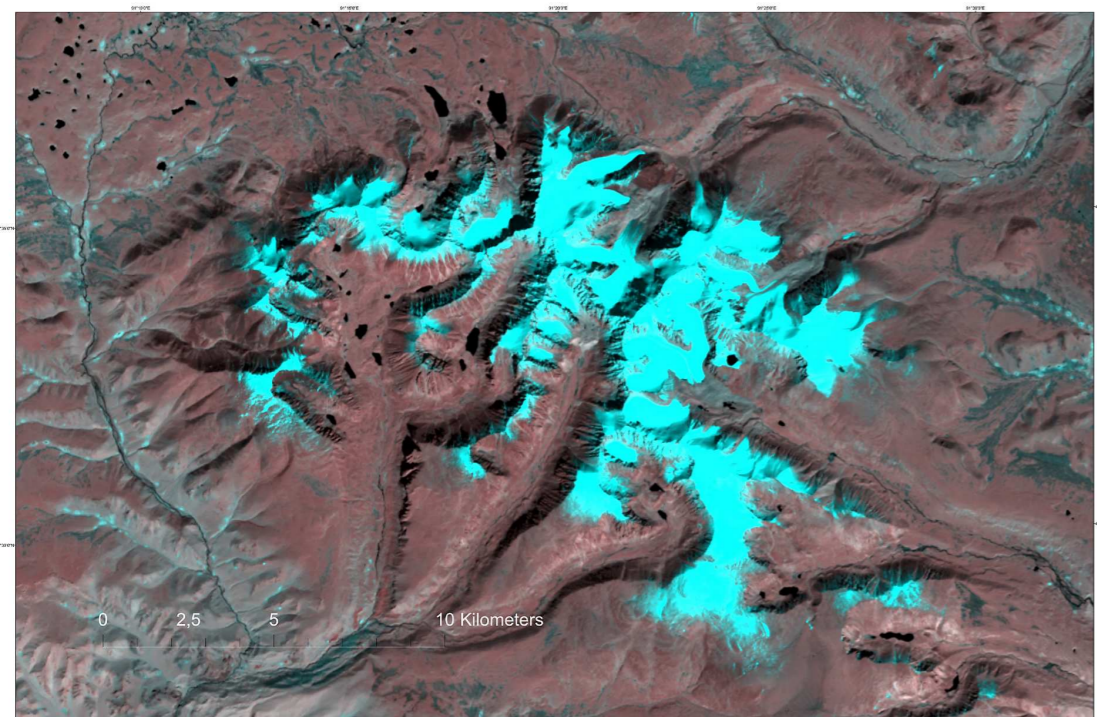
1. The image obtained from the data of many images. Base layer World Imagery, ESRI



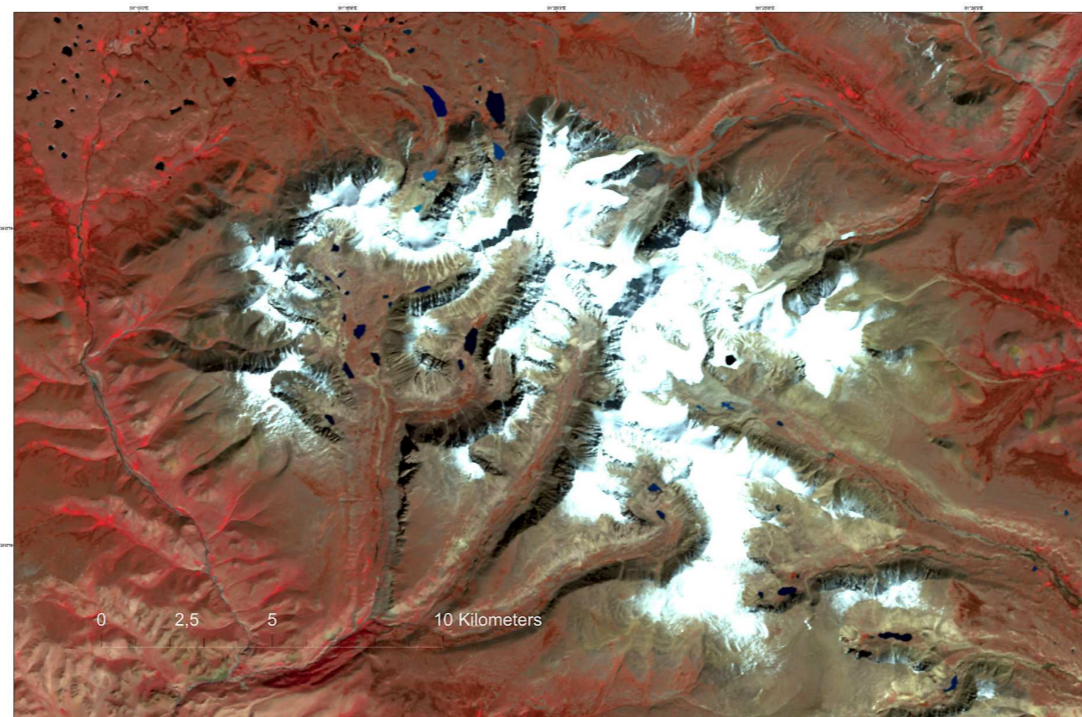
2. Landsat 8 OLI/TIRS, 2020-09-06. RGB: RGB, "321", Visible Range



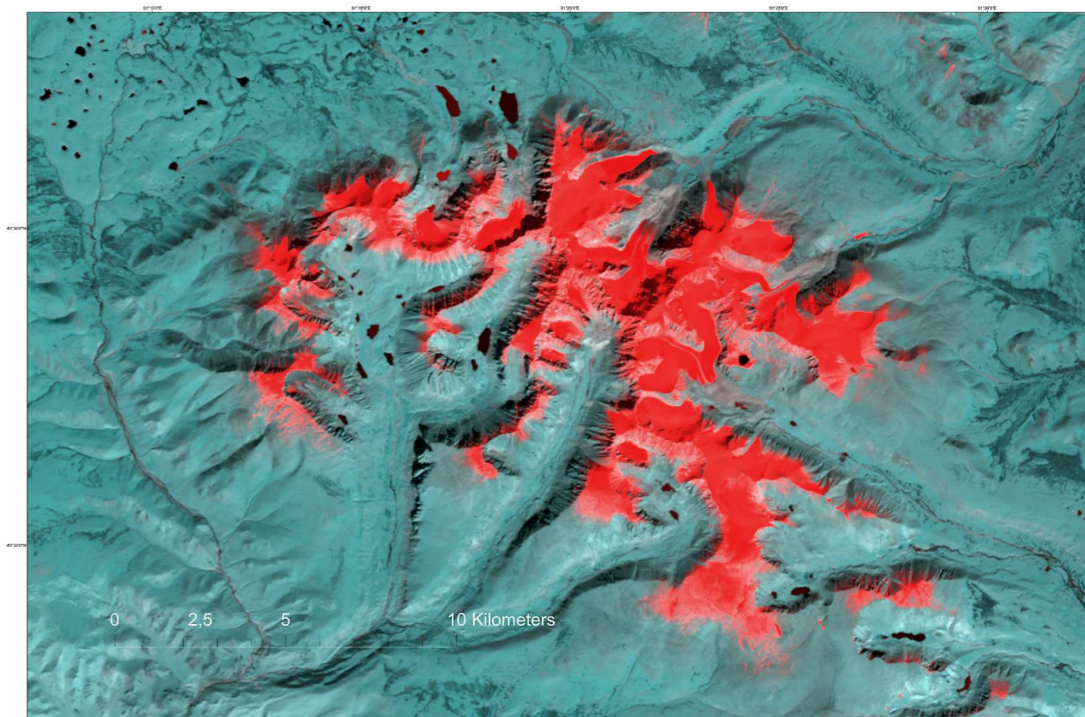
3. Landsat 8 OLI/TIRS, 2020-09-06. RGB: SW2-NIR-RD. Visible and IR range, False Color



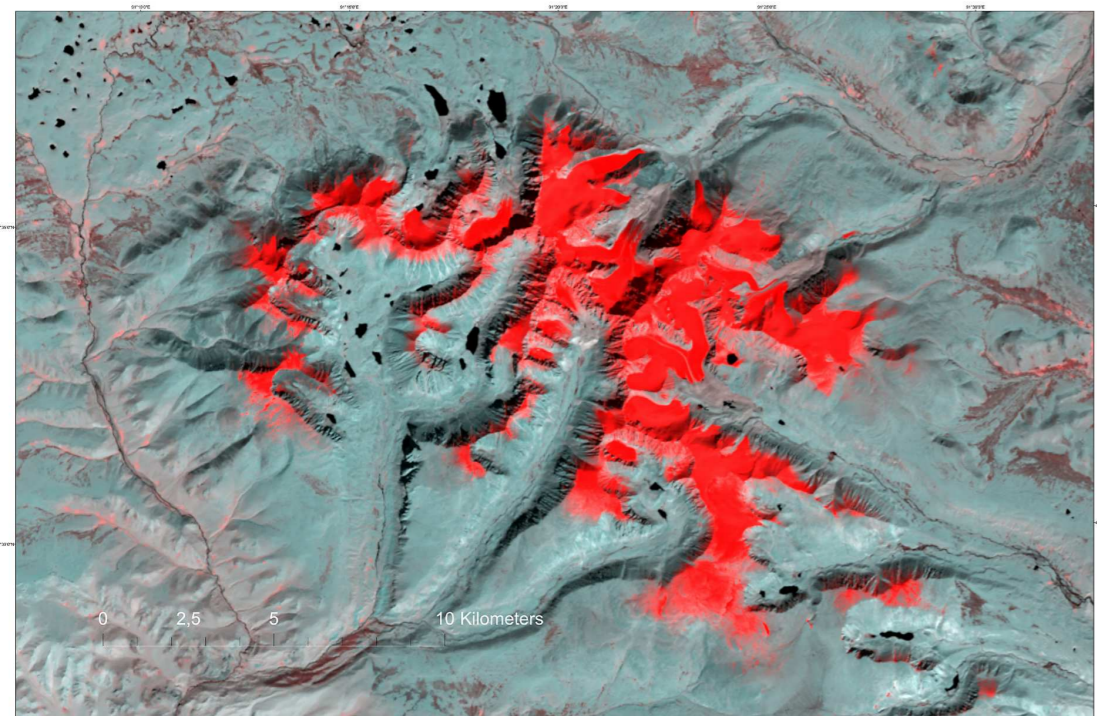
4. Landsat 8 OLI/TIRS, 2020-09-06. RGB: SW1-NIR-NIR, IR range, False Color



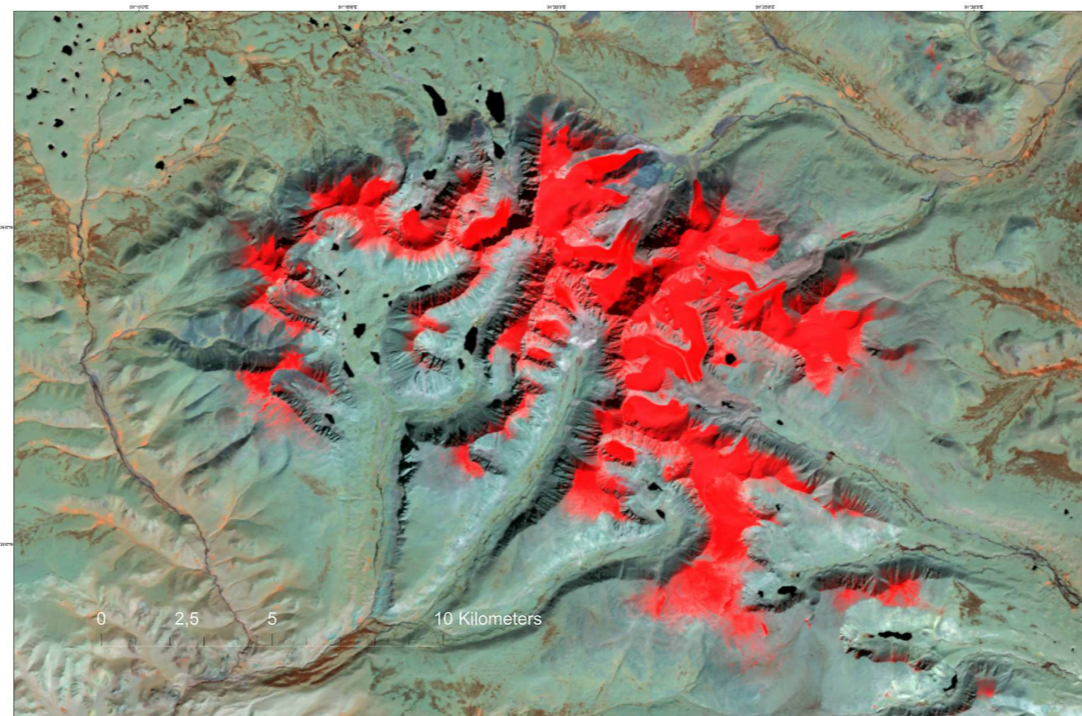
5. Landsat 8 OLI/TIRS, 2020-09-06. RGB: NIR-RD-GR, "432", Visible and IR range, False Color



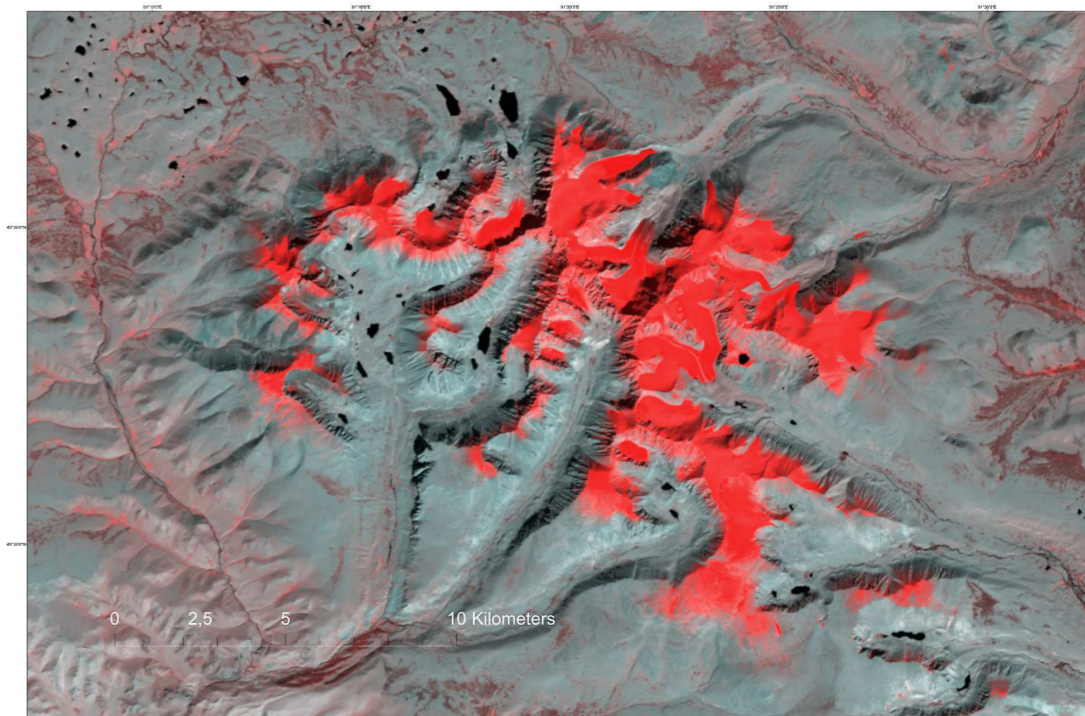
6. Landsat 8 OLI/TIRS, 2020-09-06. RGB: GR-SW1-SW1, Visible and IR range, False Color



7. Landsat 8 OLI/TIRS, 2020-09-06. RGB: NIR-SW1-SW1, IR range, False Color



8. Landsat 8 OLI/TIRS, 2020-09-06. RGB: NIR-SW1-SW2, IR range, False Color

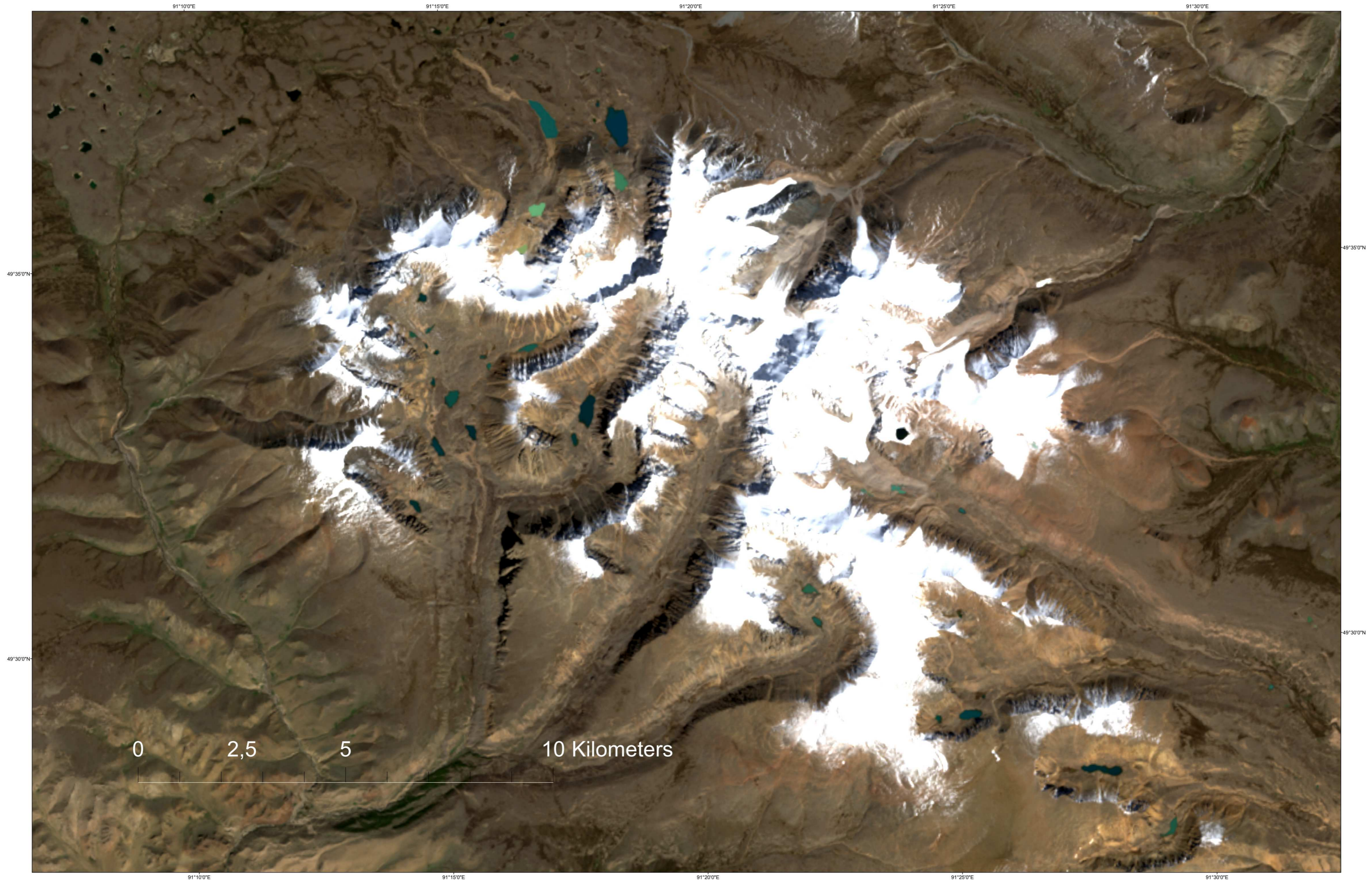


9. Landsat 8 OLI/TIRS, 2020-09-06. RGB: NIR-SW2-SW2, IR range, False Color

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.

An example of visualizing data from a multispectral satellite image Landsat on the Kharkhiraa uul, Mongolian Altai
RGB Option: RGB, "321", Visible Range, Scale 1:25,000

Classroom resources / visualization of multispectral image data / 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.

An example of visualizing data from a multispectral satellite image Landsat on the Kharkhiraa uul, Mongolian Altai
RGB Option: Near Infra Red (NIR) - Short Wave Infra Red - (SWIR) - SW2 - SW2. Thermal Infrared, False Color, Scale 1:25,000

Classroom resources / visualization of multispectral image data / false color

91°10'0"E

91°15'0"E

91°20'0"E

91°25'0"E

91°30'0"E

49°35'0"N

49°35'0"N

49°30'0"N

49°30'0"N

0

2,5

5

10 Kilometers

91°10'0"E

91°15'0"E

91°20'0"E

91°25'0"E

91°30'0"E

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.