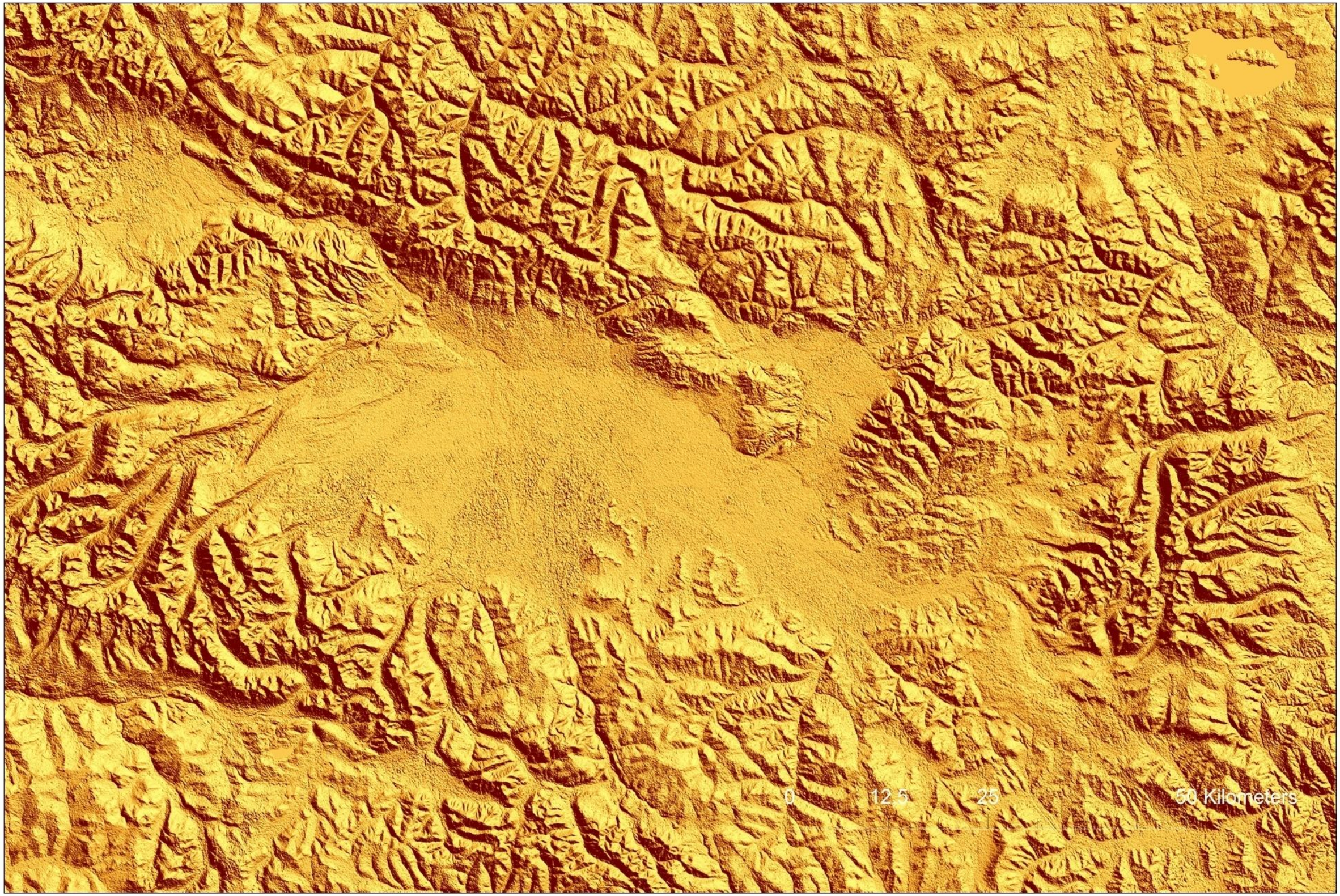
An example of visualization of digital elevation model data for the Big Altai. Chuya and Kyrai intermontane basins, Russian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:90,000

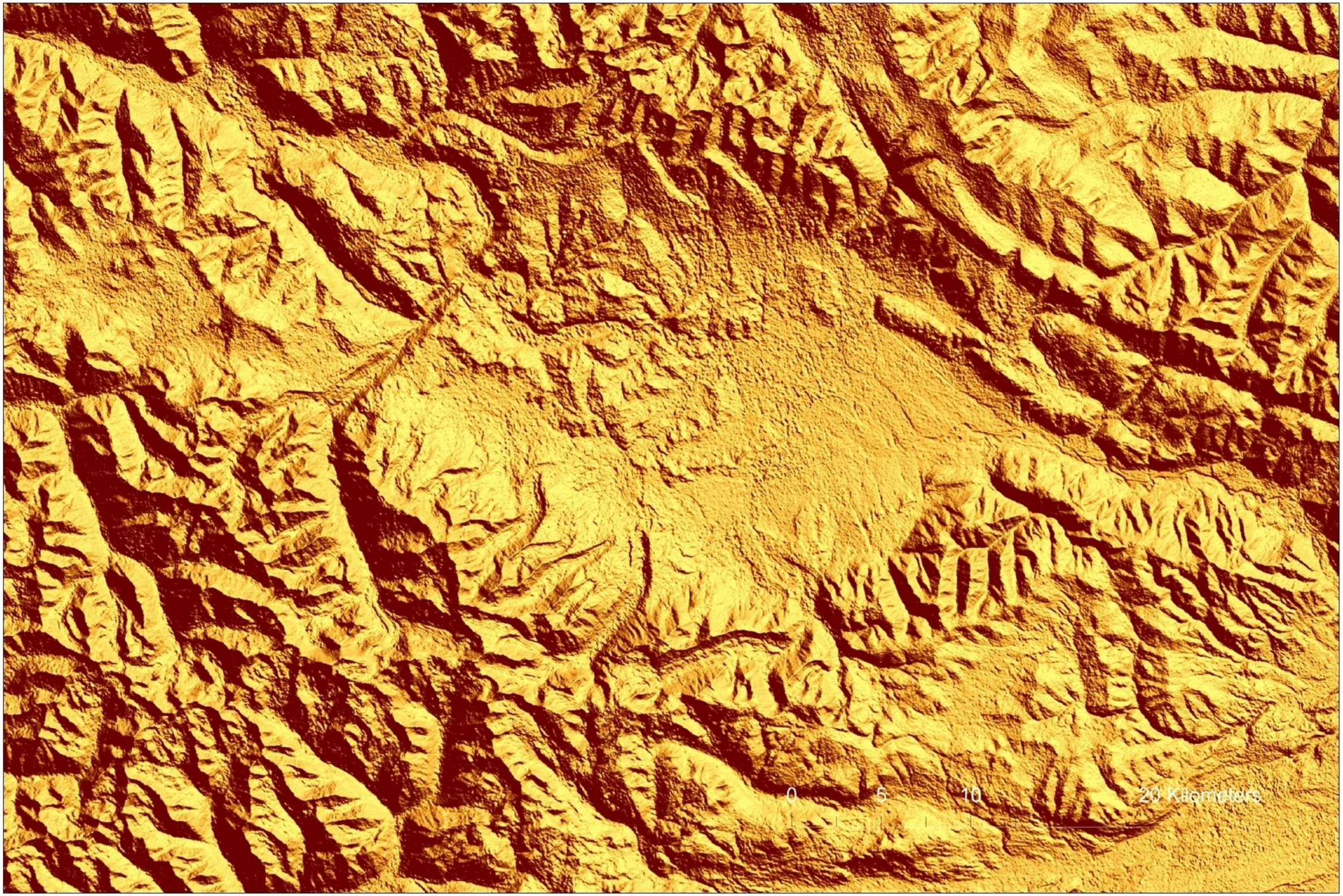


Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. GIS application tools provide researchers with ample opportunities for their interpretation, visualization, creating a more realistic image of the landscape and maps.

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

An example of visualization of digital elevation model data for the Big Altai. Kurai intermontane basin, Russian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:40,000



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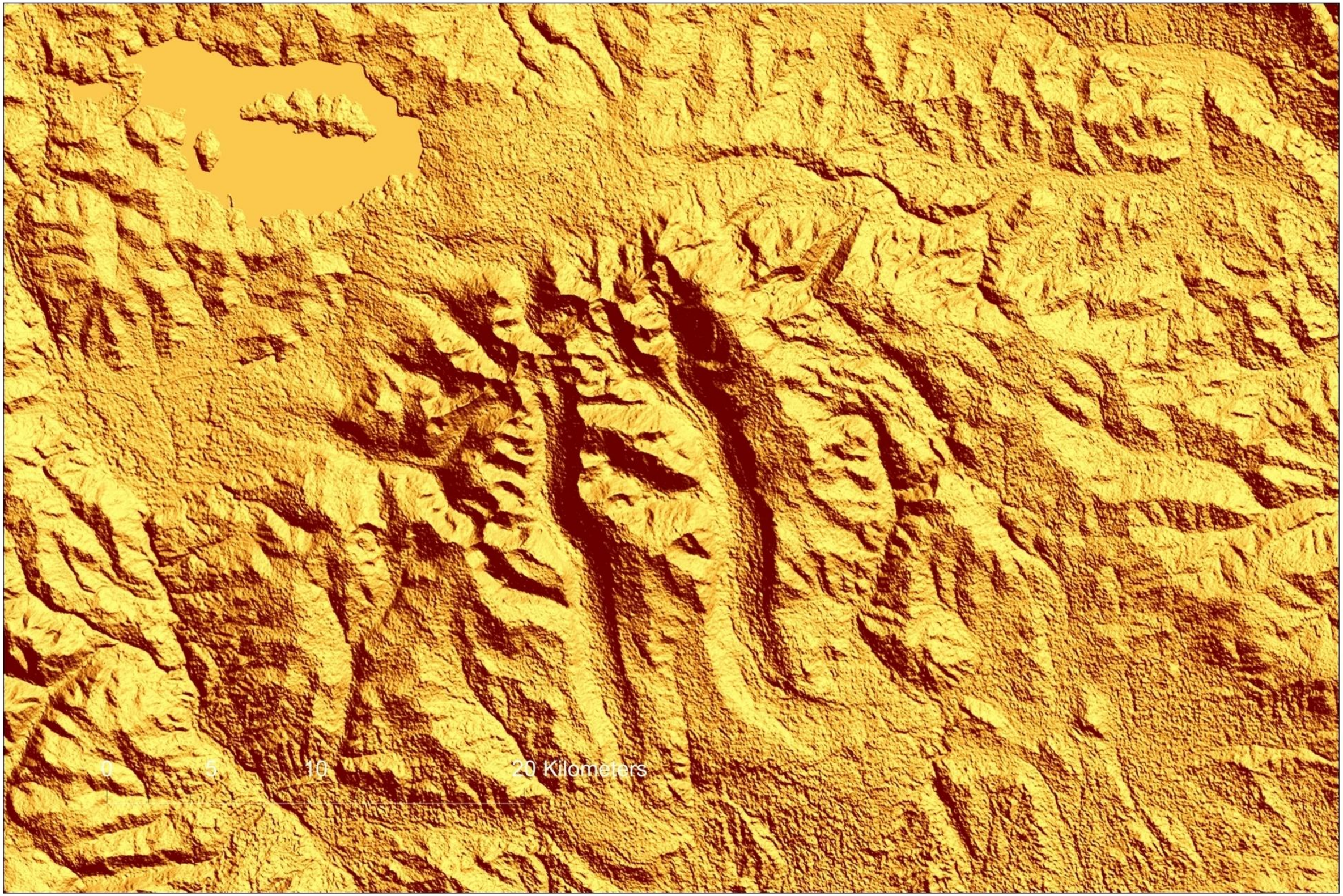
ArcGIS Desktop v10.3.0. Esri Inc., Abdulmyanov S.N.

An example of visualization of digital elevation model data for the Big Altai. Mongun-Taiga, Russian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:45,000



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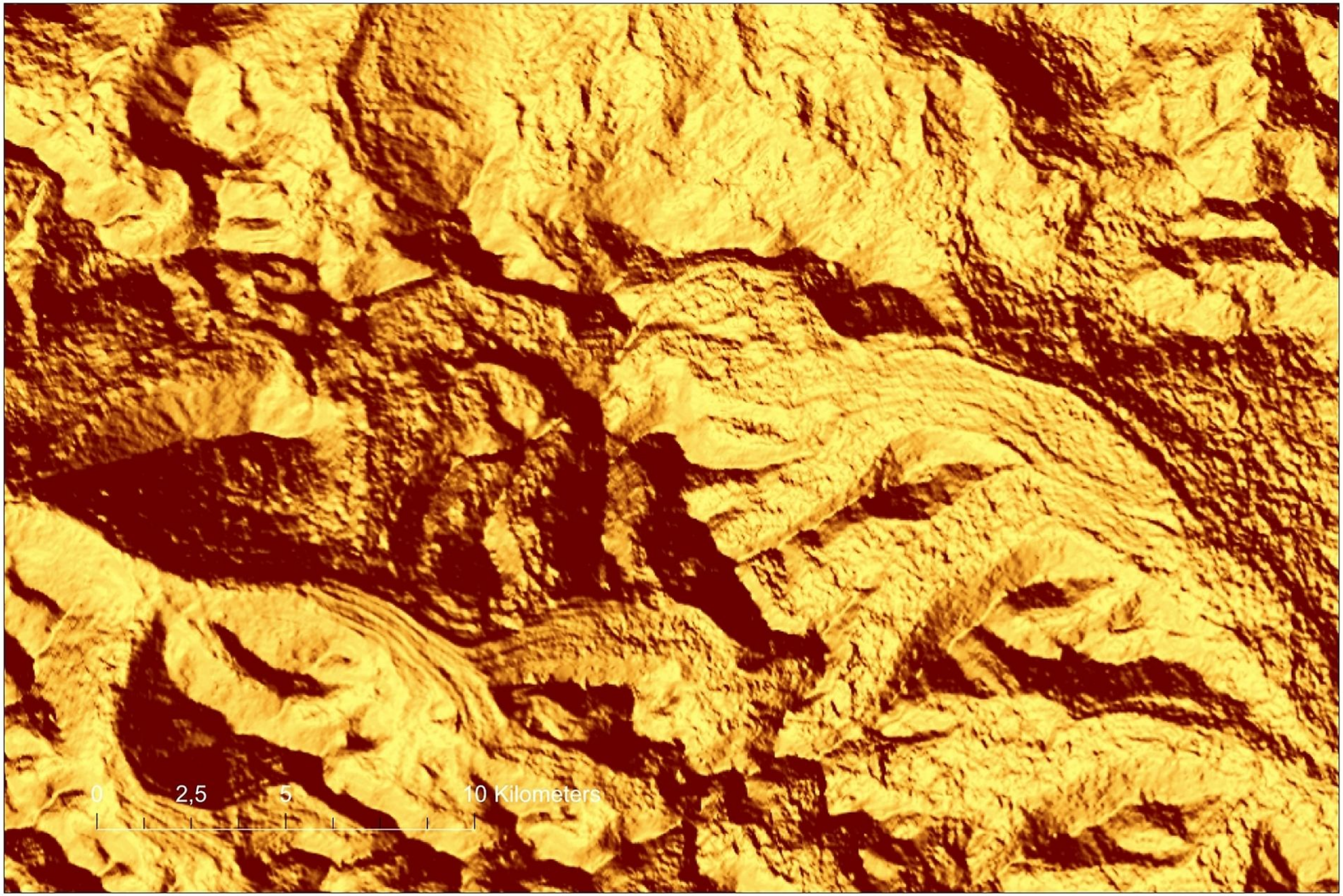
ArcGIS Desktop v10.3.0. Esri Inc., Abdulmyanov S.N.

An example of visualization of digital elevation model data for the Big Altai. Altai Tavun Bogd, Russia-Mongolian-Chinese border, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:37,000



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

An example of visualization of digital elevation model data for the Big Altai. Saylyugem nuruu, Russia-Mongolian-border

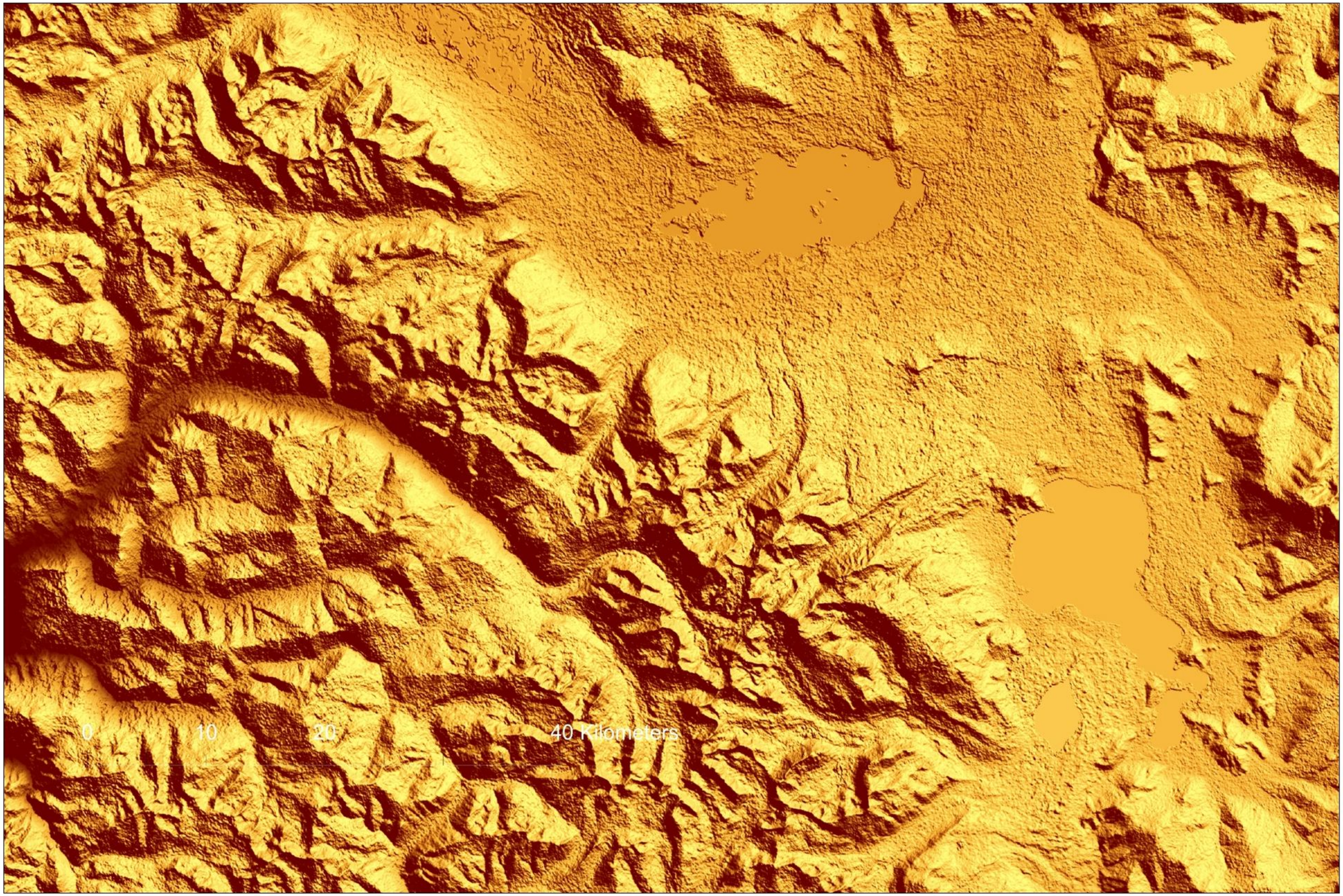
DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:30,000

Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. 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 visualization of digital elevation model data for the Big Altai. Endyer Khair Khaan uul, Mongolian-Chinese border, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:60,000



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

An example of visualization of digital elevation model data for the Big Altai. Ikh Turgenii uul, Mongolian Altai

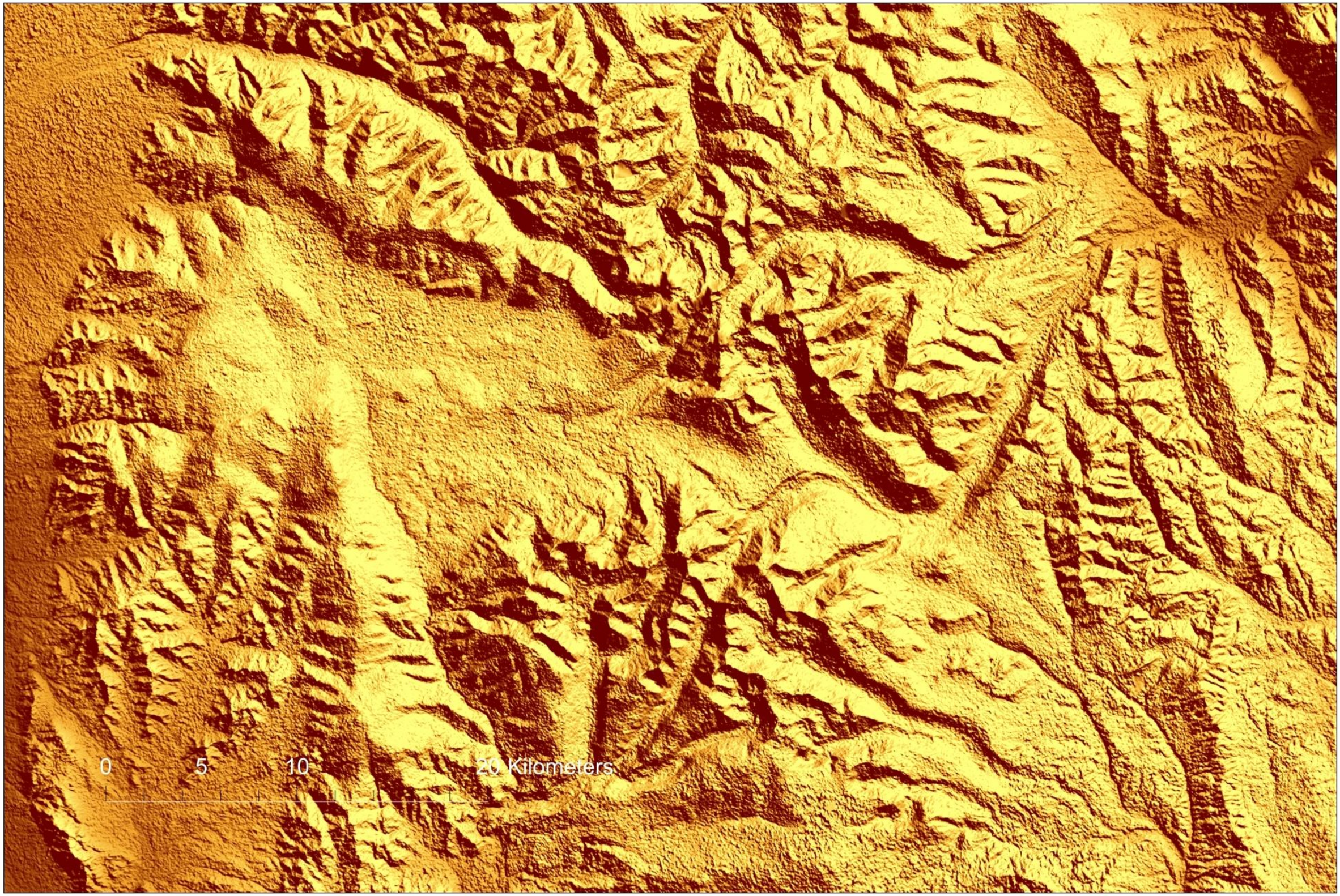
DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:25,000

Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. 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 visualization of digital elevation model data for the Big Altai. Kharkhiraa-Turgen mountain, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:50,000



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

An example of visualization of digital elevation model data for the Big Altai. Kharkhiraa uul, Mongolian Altai

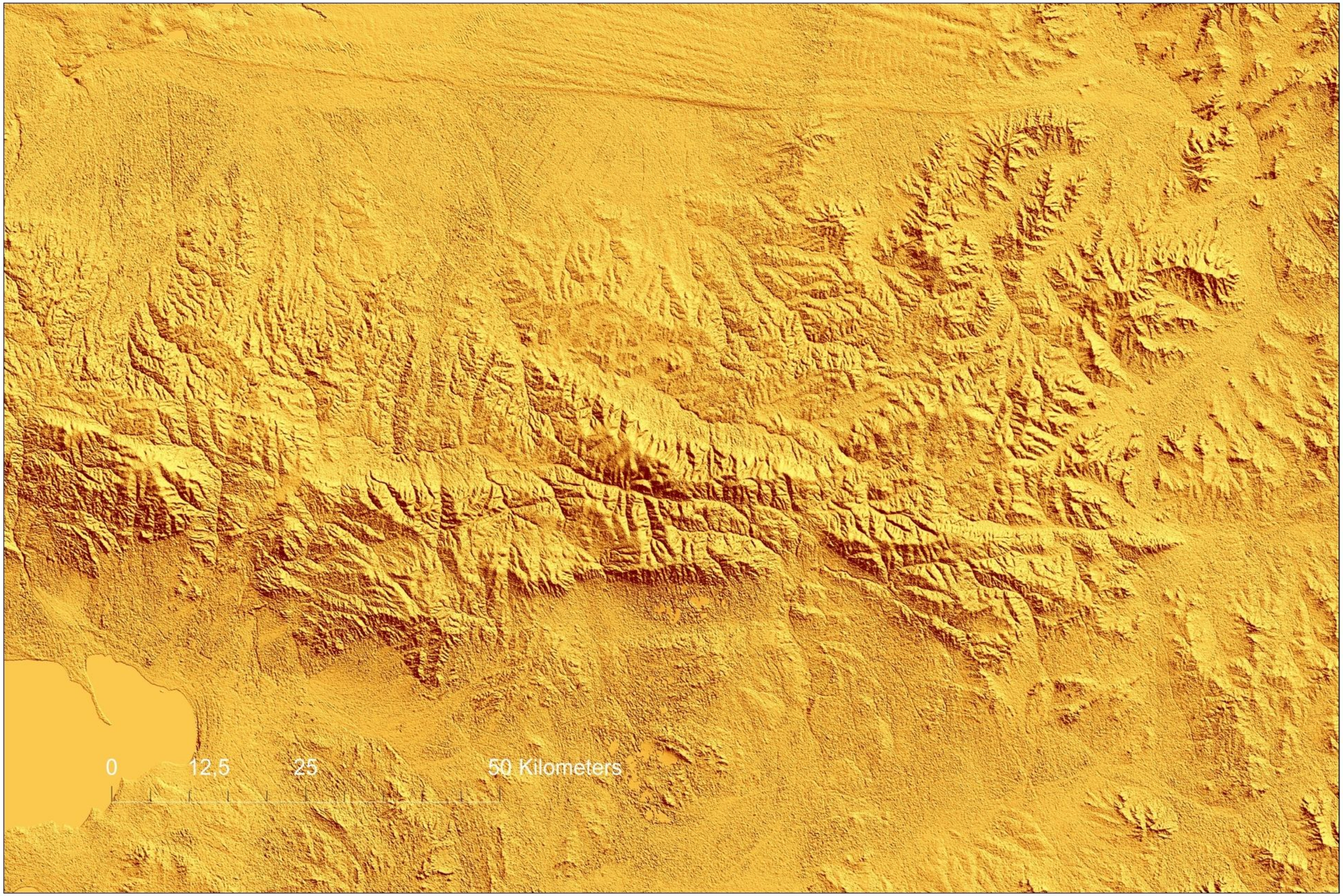
DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:25,000

Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. 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 visualization of digital elevation model data for the Big Altai. Han Hohiyn nuruu, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:125,000

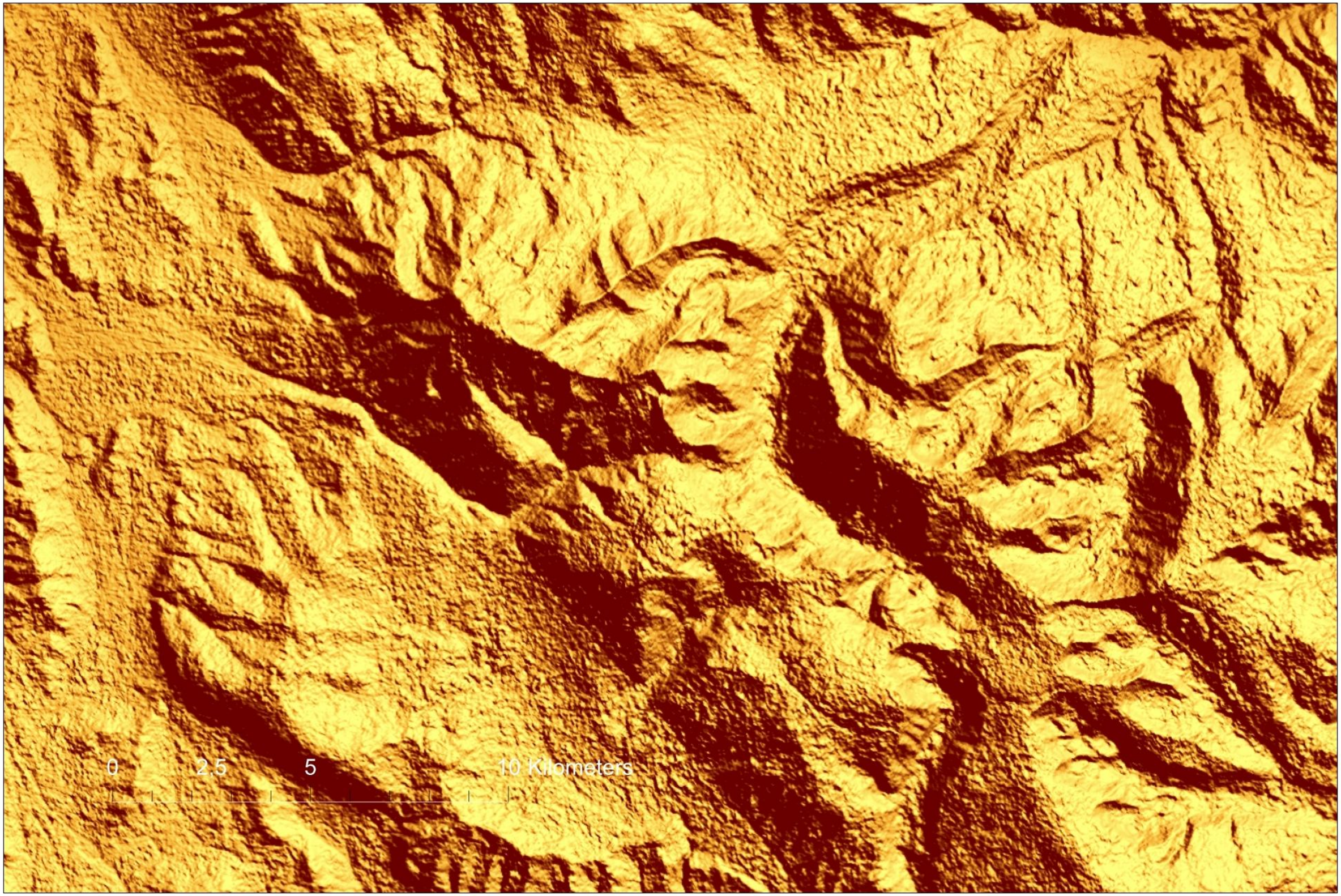


Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. GIS application tools provide researchers with ample opportunities for their interpretation, visualization, creating a more realistic image of the landscape and maps.

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

An example of visualization of digital elevation model data for the Big Altai. Tsambagarav uul, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:25,000

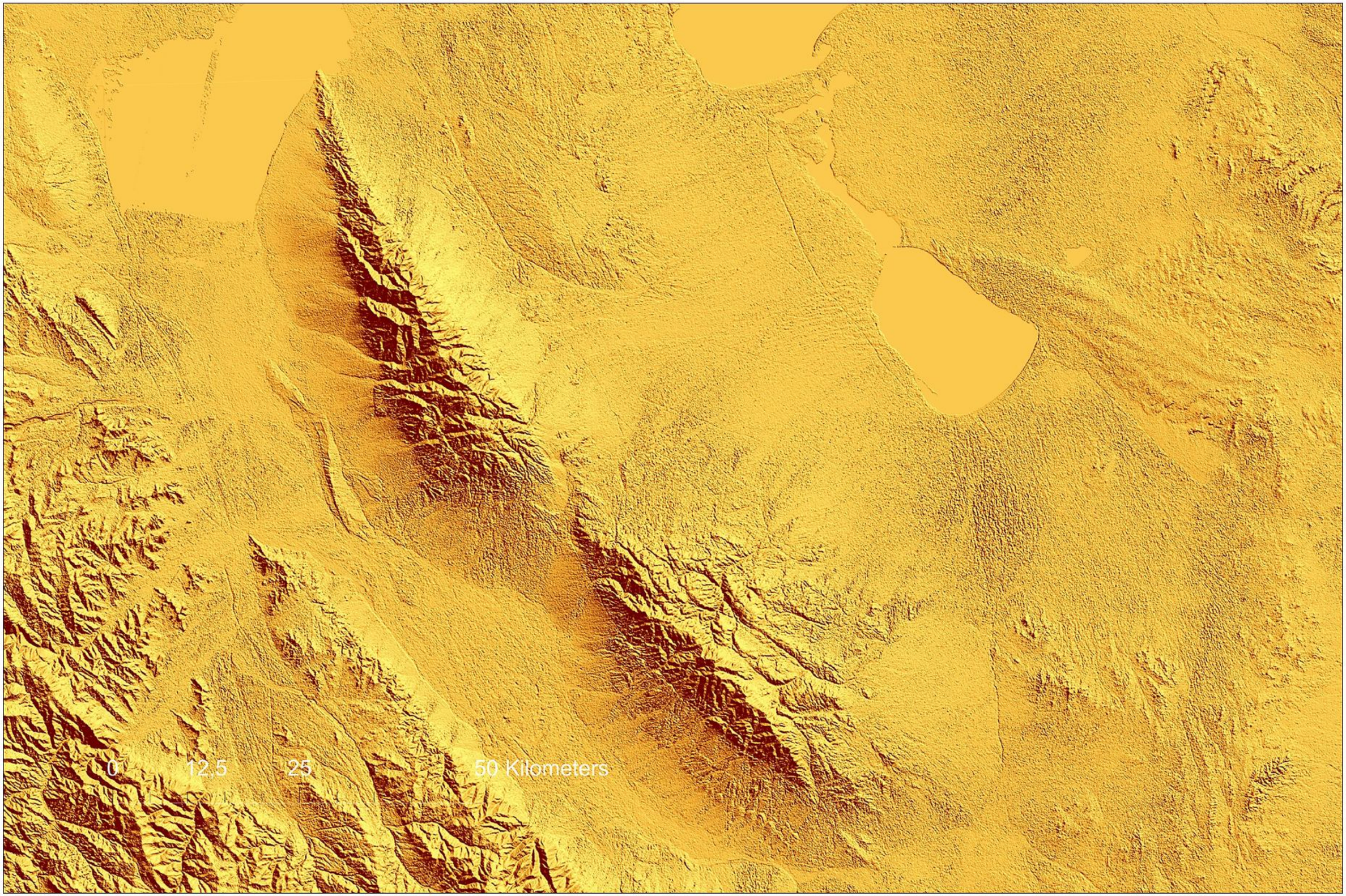


Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. GIS application tools provide researchers with ample opportunities for their interpretation, visualization, creating a more realistic image of the landscape and maps.

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

An example of visualization of digital elevation model data for the Big Altai. Jargalant Khairkhan uul and Bumbat Khairkhan uul, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:125,000

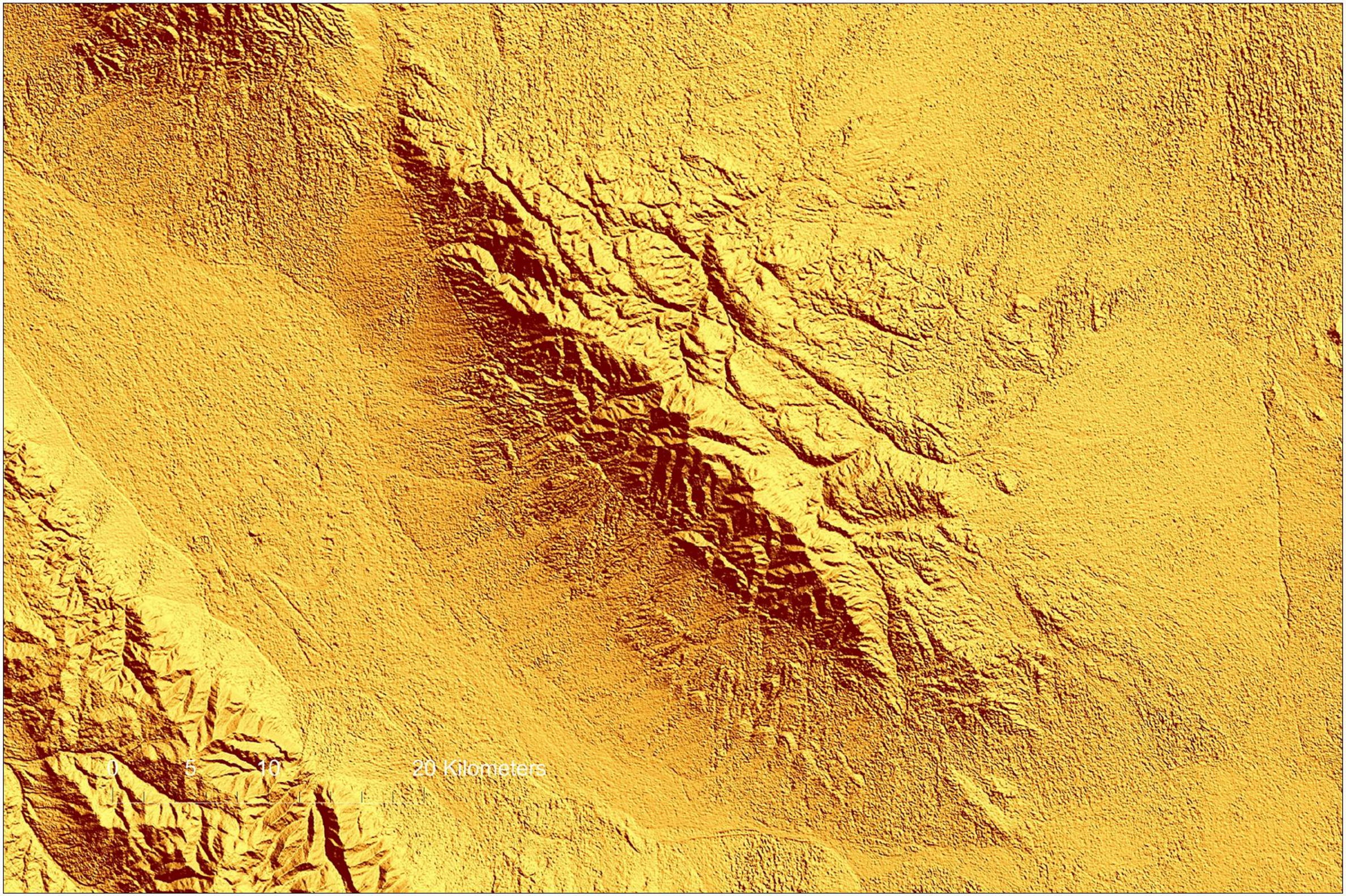


Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. GIS application tools provide researchers with ample opportunities for their interpretation, visualization, creating a more realistic image of the landscape and maps.

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

An example of visualization of digital elevation model data for the Big Altai. Bumbat Khairkhan uul, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:60,000



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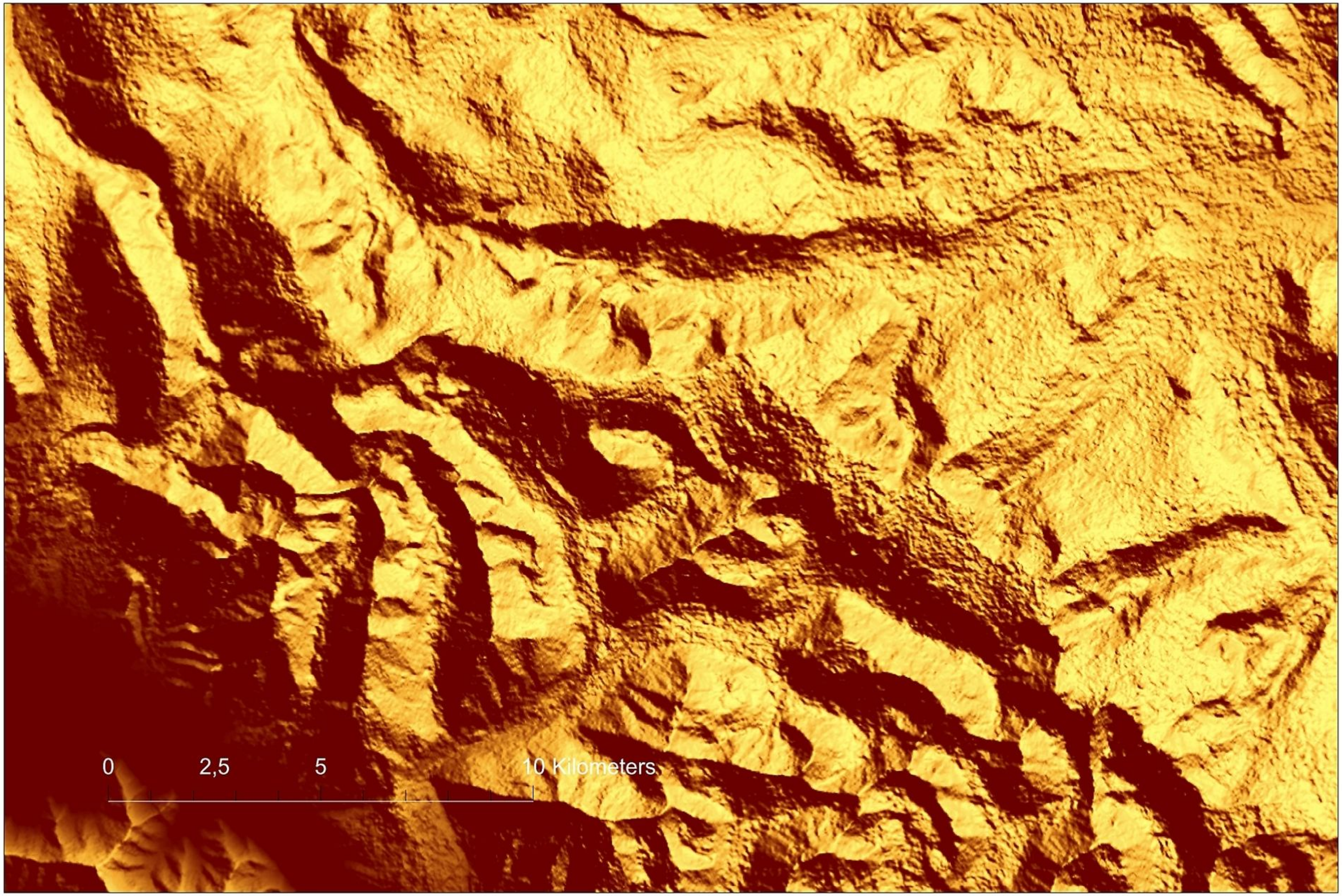
ArcGIS Desktop v10.3.0. Esri Inc., Abdulmyanov S.N.

An example of visualization of digital elevation model data for the Big Altai. Munch Khairchan uul, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:22,000

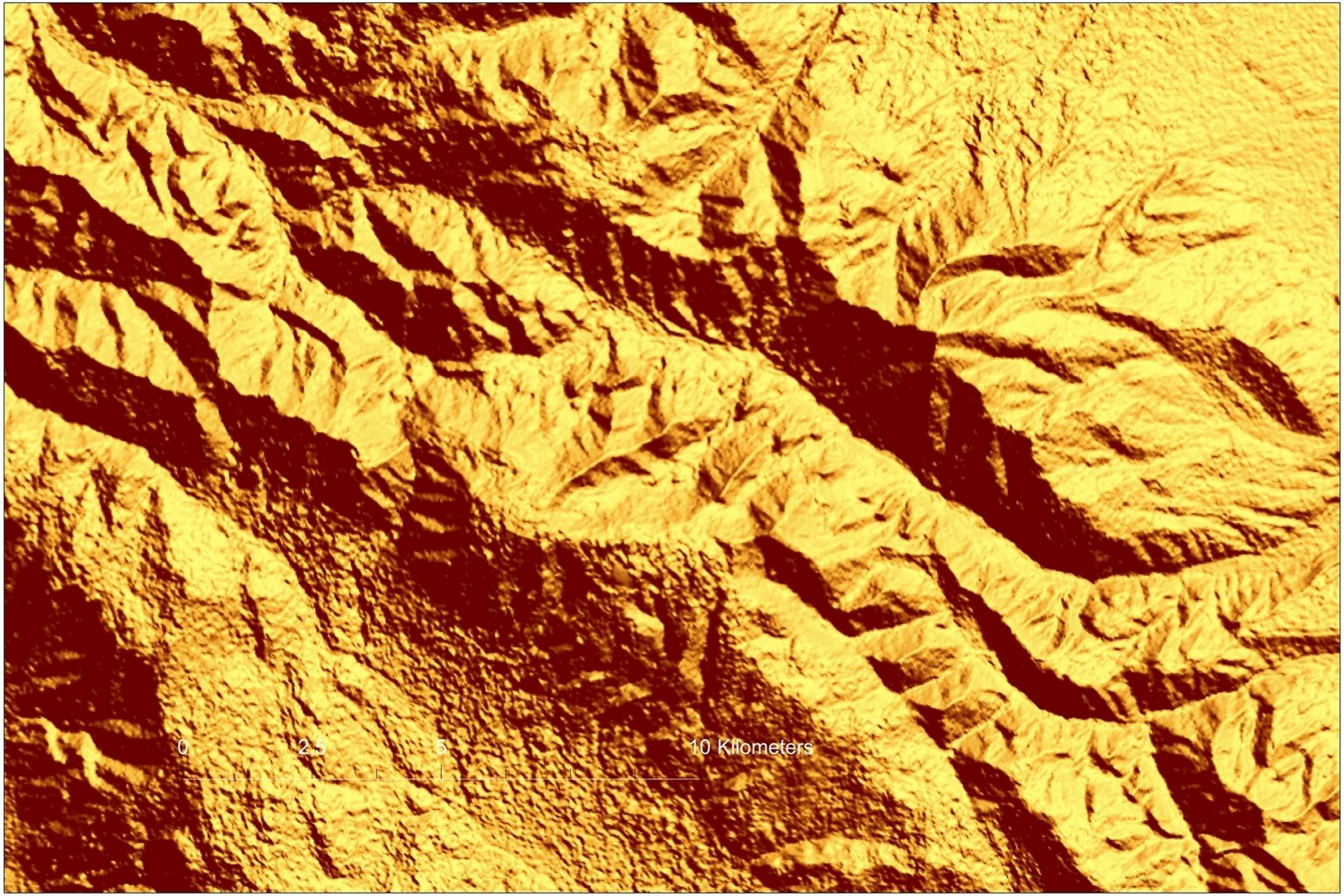


Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. GIS application tools provide researchers with ample opportunities for their interpretation, visualization, creating a more realistic image of the landscape and maps.

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

An example of visualization of digital elevation model data for the Big Altai. Sutai Khairhan uul, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:14,000



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

An example of visualization of digital elevation model data for the Big Altai. Argalantyn uul, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:45,000

Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. 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 visualization of digital elevation model data for the Big Altai. Chirgirtei valley. Mongolian-Chinese border, Mongolian Altai

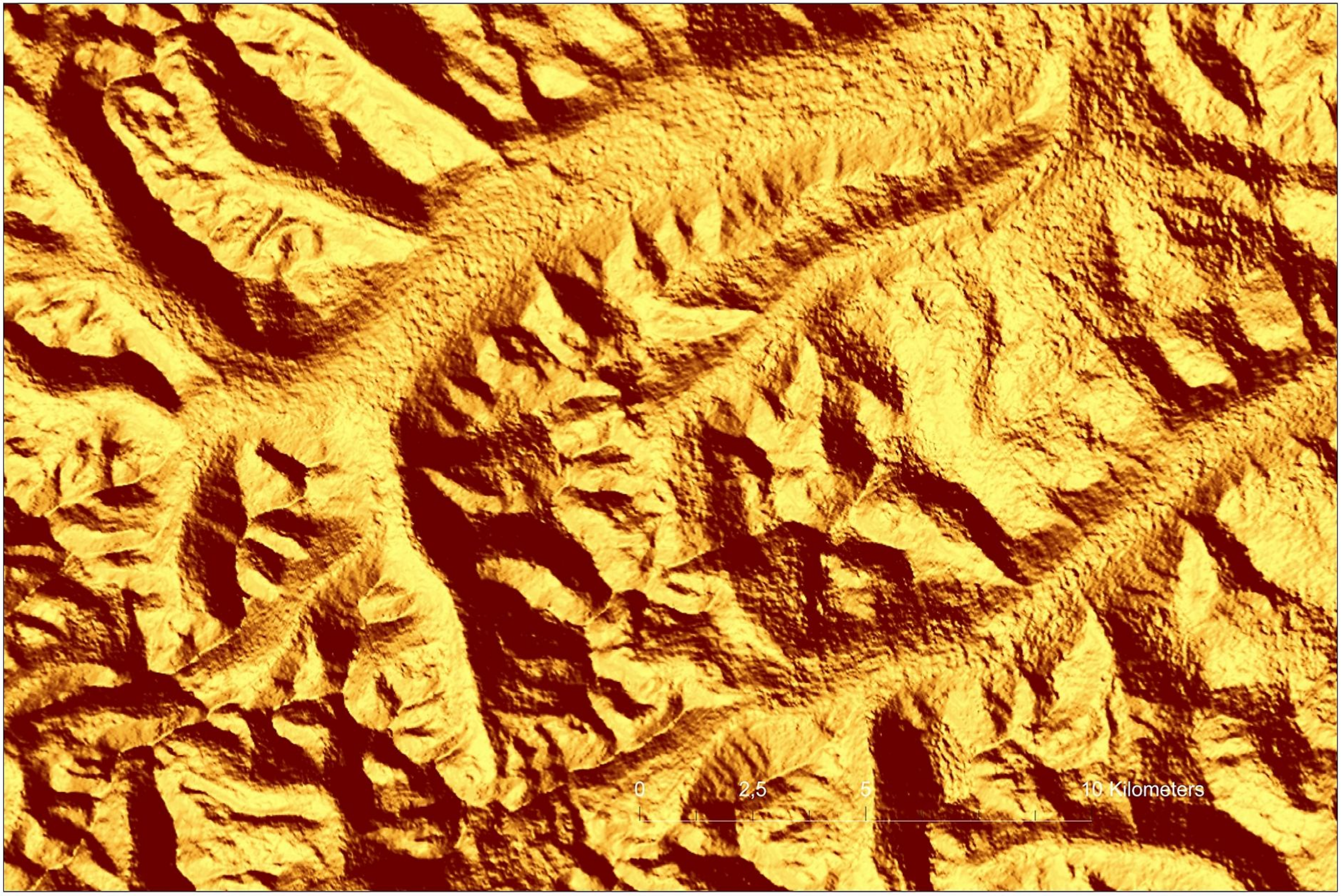
DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:35,000

Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. 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 visualization of digital elevation model data for the Big Altai. Chirgirtei valley. Mongolian-Chinese border, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:16,000



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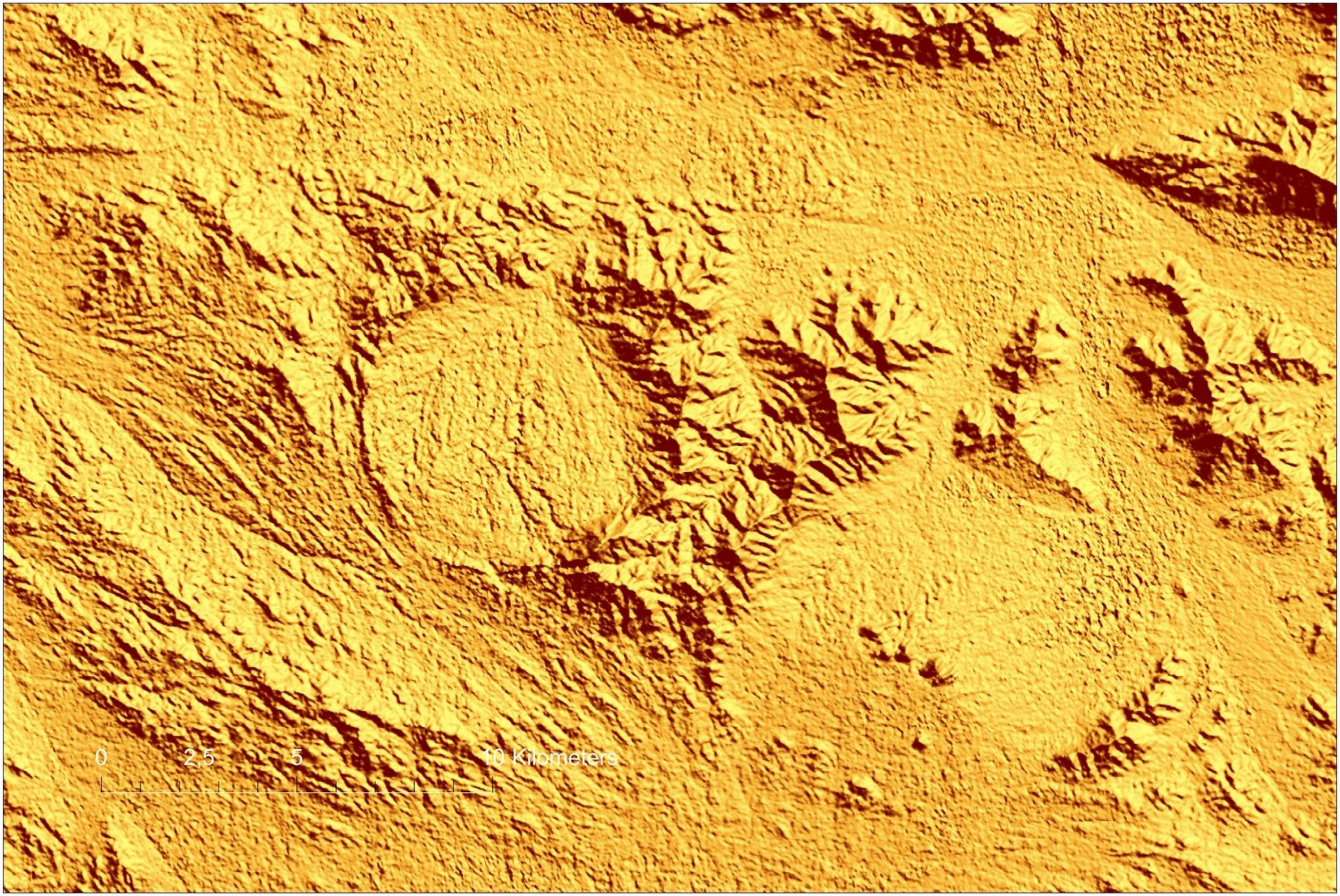
ArcGIS Desktop v10.3.0. Esri Inc., Abdulmyanov S.N.

An example of visualization of digital elevation model data for the Big Altai. Bulgan Gol (Urumgu) valley. Mongolian-Chinese border, Mongolian Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:25,000



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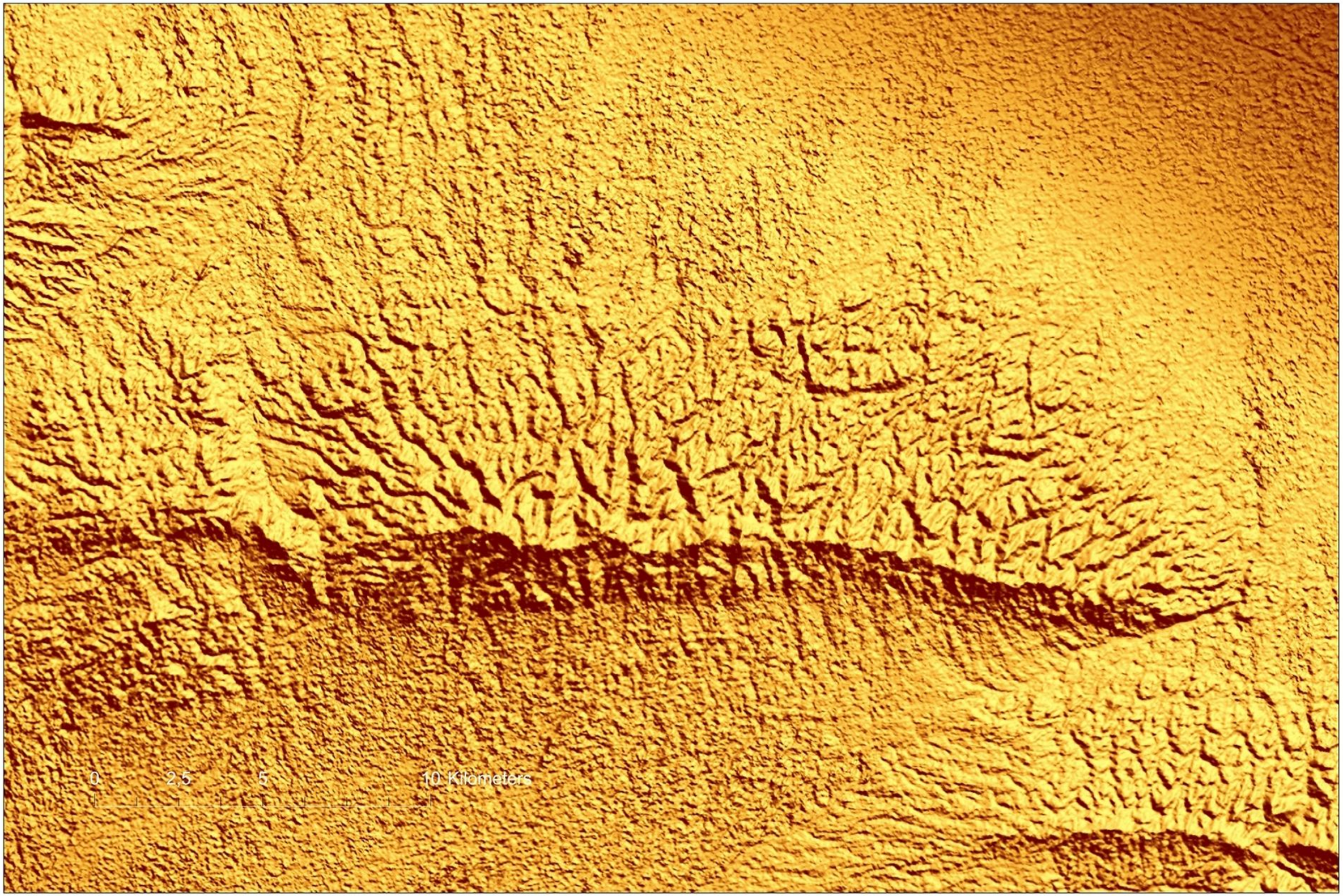
ArcGIS Desktop v10.3.0. Esri Inc., Abdulmyanov S.N.

An example of visualization of digital elevation model data for the Big Altai. Gurvan Saichan uul, Gobi Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:30,000



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

An example of visualization of digital elevation model data for the Big Altai. Noyon uul, Gobi Altai

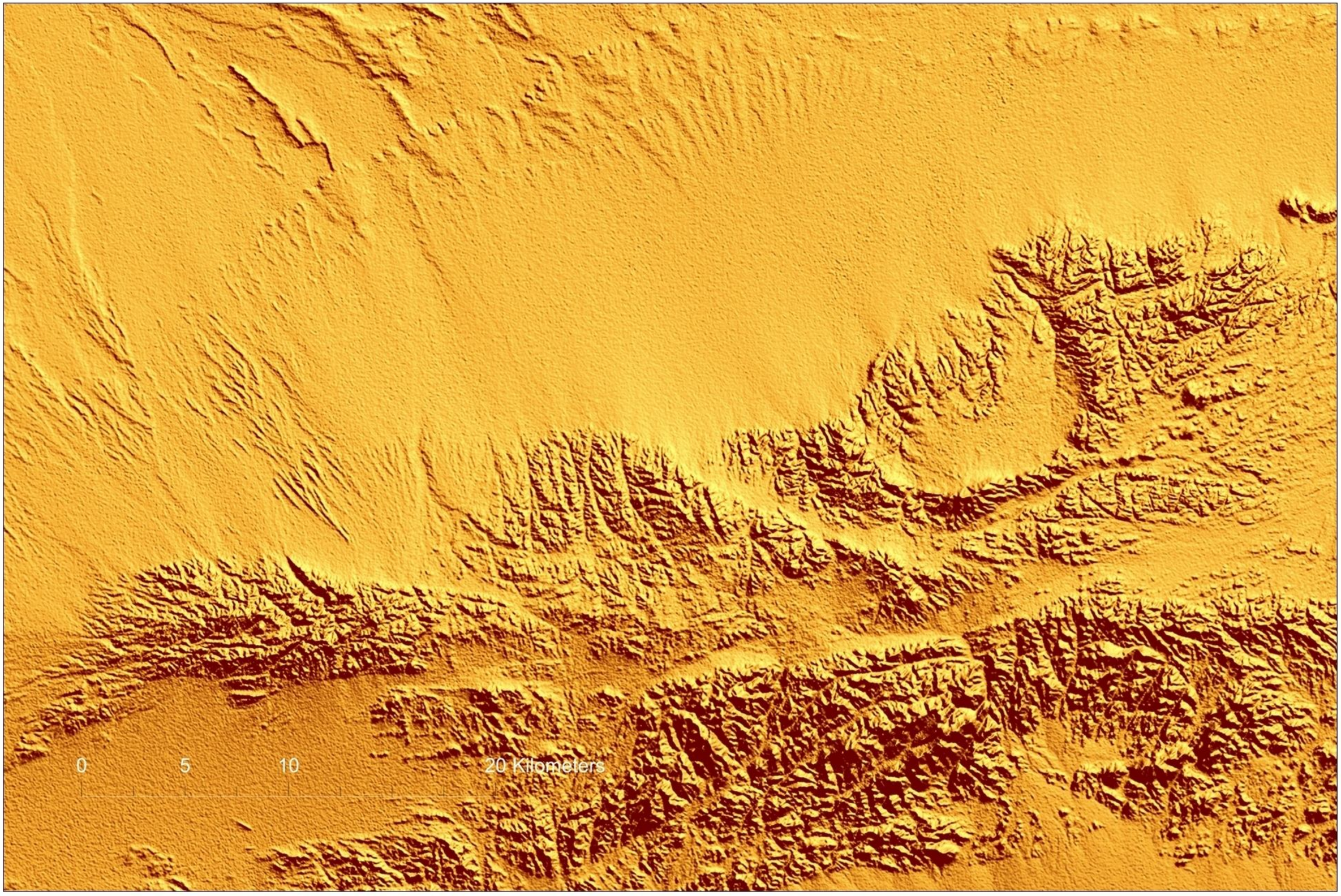
DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:30,000

Design versions when using methods of analytical shadow relief shading, in combination with different types of hypsometric scales. 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 visualization of digital elevation model data for the Big Altai. Khunger uul, Gobi Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:35,000



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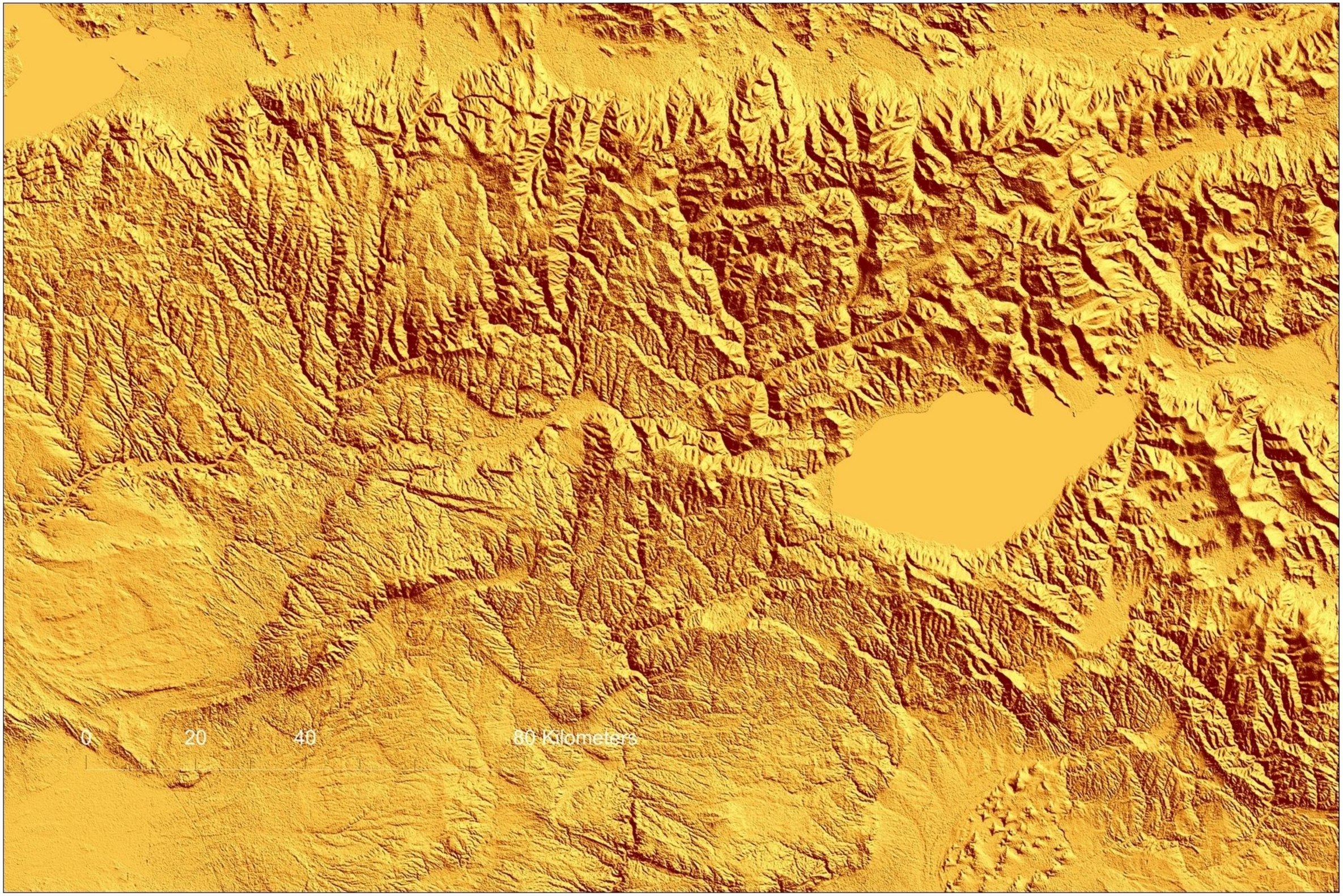
ArcGIS Desktop v10.3.0. Esri Inc., Abdulmyanov S.N.

An example of visualization of digital elevation model data for the Big Altai. Kurchum ridge, Markakol depression, Kazakhstan (Southern) Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:135,000



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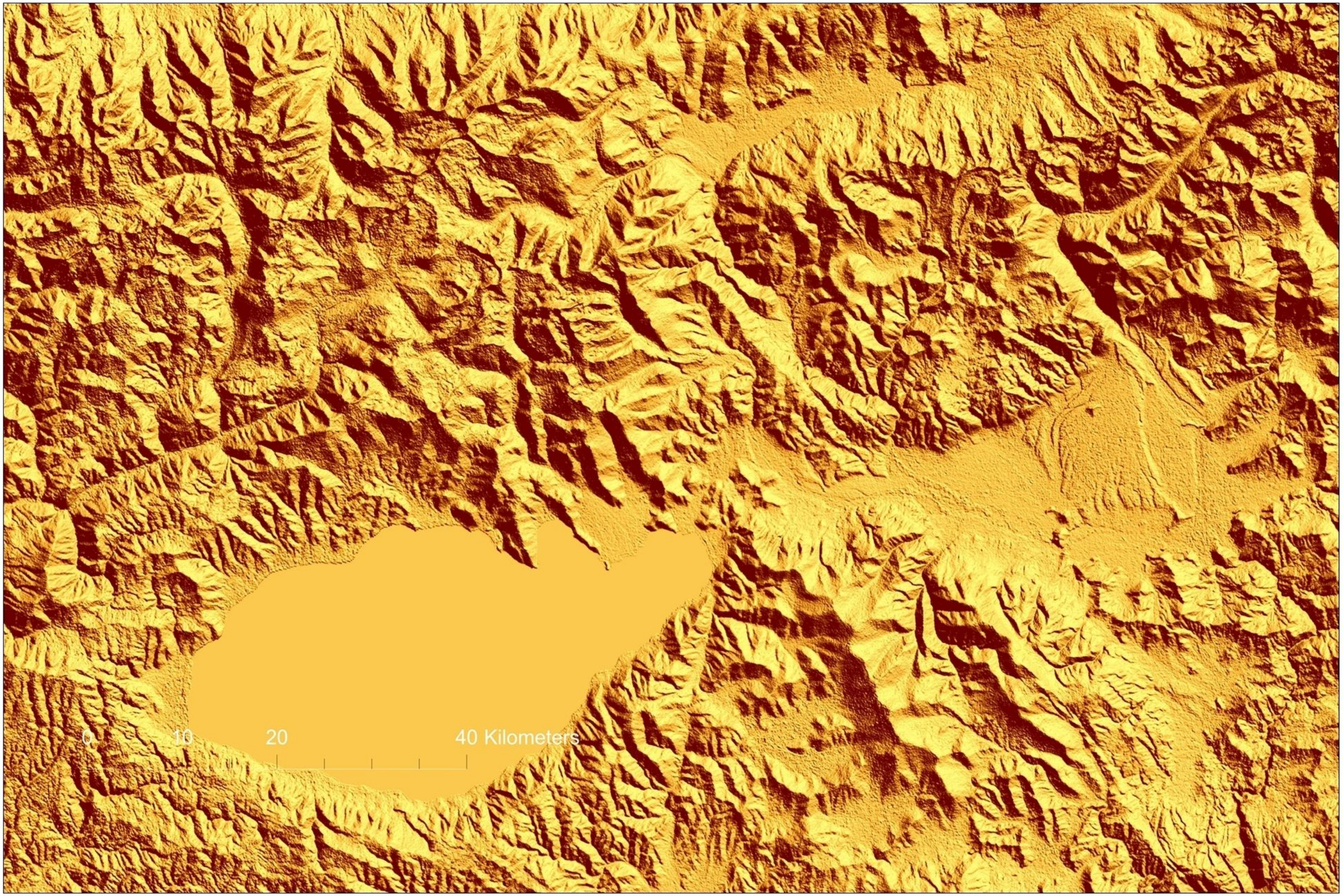
ArcGIS Desktop v10.3.0. Esri Inc., Abdulmyanov S.N.

An example of visualization of digital elevation model data for the Big Altai. Kurchum ridge, Markakol depression, Kazakhstan (Southern) Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:75,000



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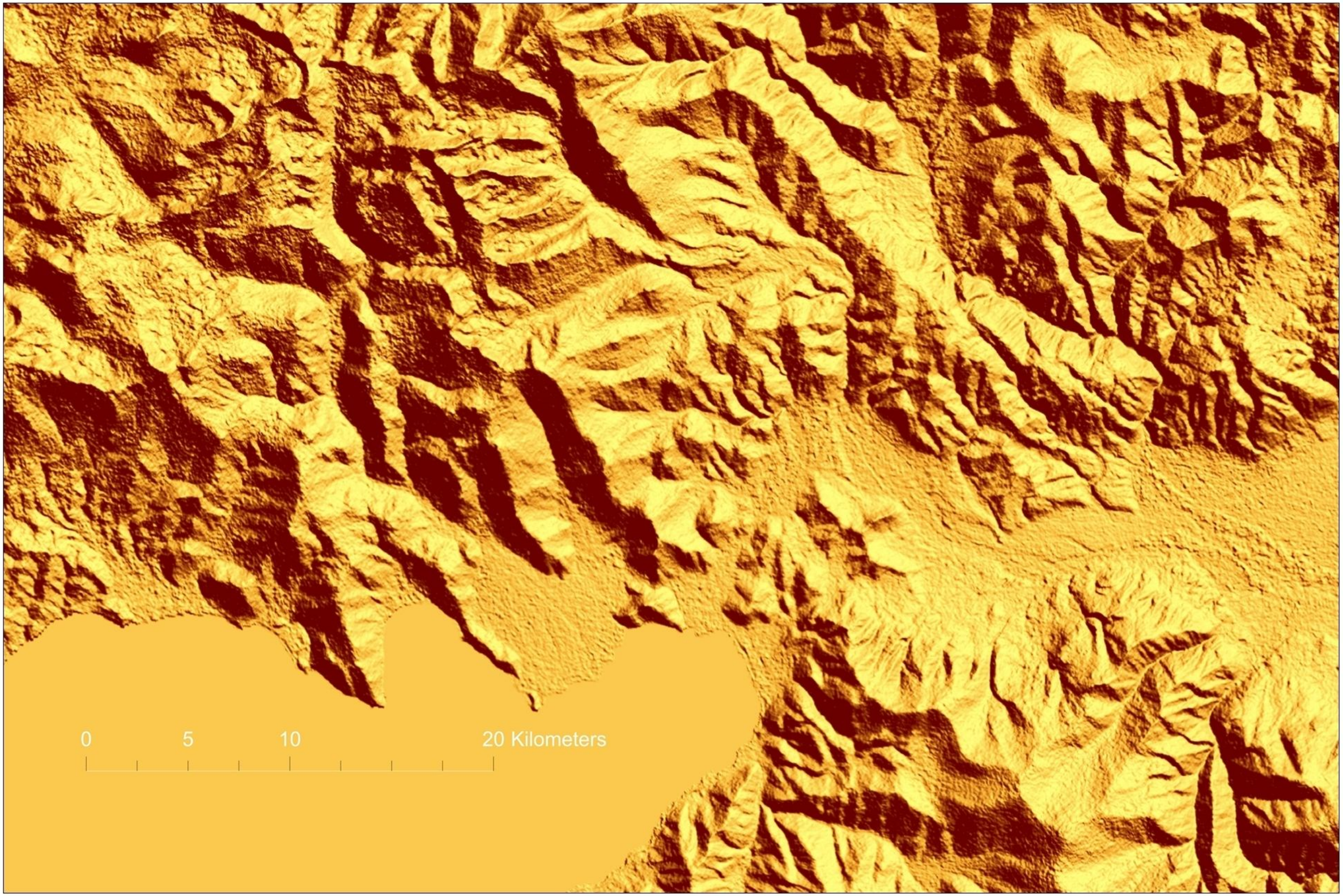
An example of visualization of digital elevation model data for the Big Altai. Kurchum ridge, Markakol depression, Kazakhstan (Southern) Altai

DATA: ASTER GDEM v2 Worldwide Elevation Data (1 arc-second Resolution). Stretched Color Ramp. Design version – Gold, Scale 1:35,000



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