

Analisis spasial aliran lahar G. Semeru dengan Sentinel-2

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Welcome to the Copernicus Data Space Ecosystem, an open ecosystem that provides free instant access to a wide range of data and services from the Copernicus Sentinel missions and more on our planet's land, oceans and atmosphere.

The Copernicus Data Space Ecosystem not only ensures the continuity of the open and free access to Copernicus data but also extends the portfolio for data processing and data access



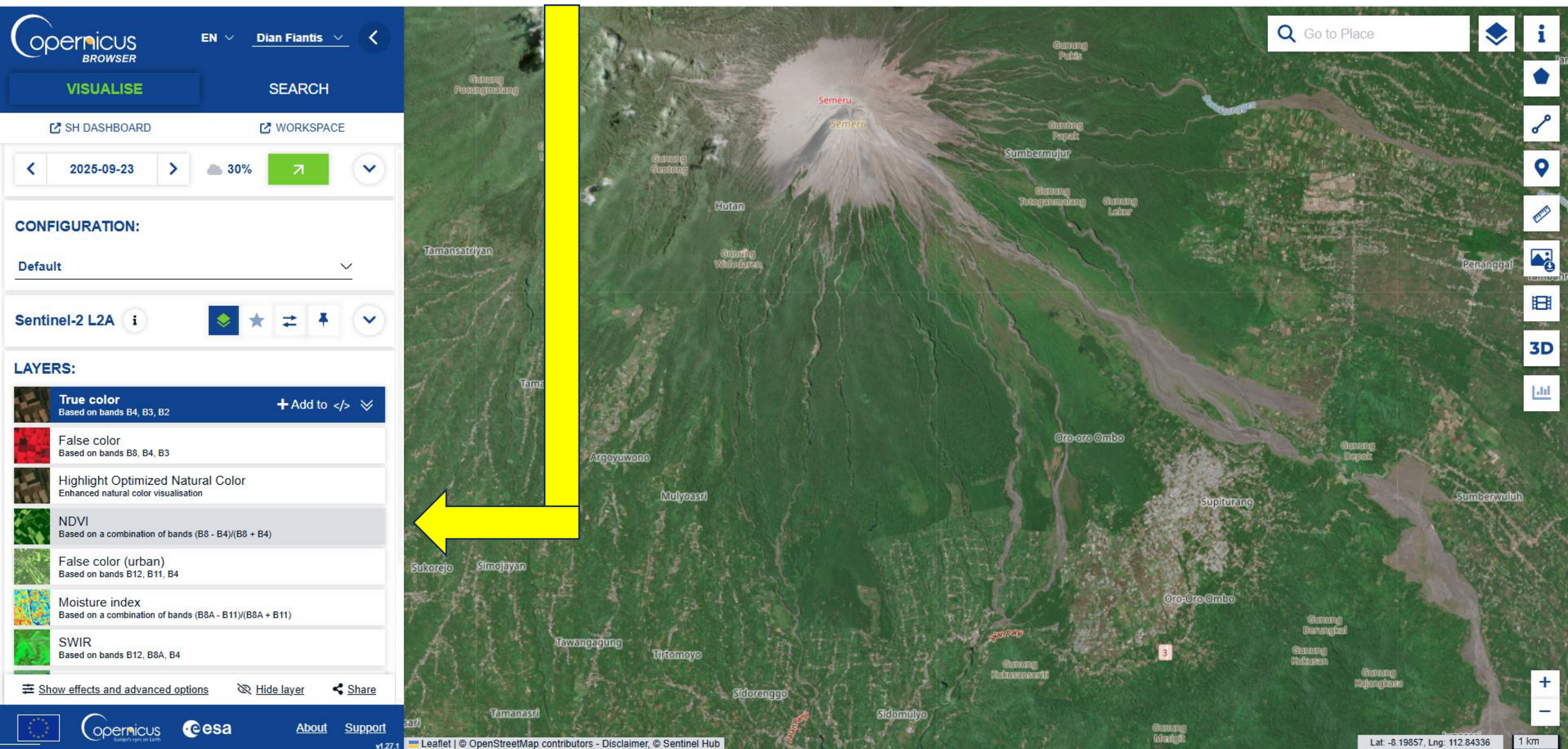
Deteksi aliran lahar Gunung Semeru



Citra Sentinel-2 True Color (TC) G. Semeru 23 September 2025

Dian Fiantis, 7 Desember 2025

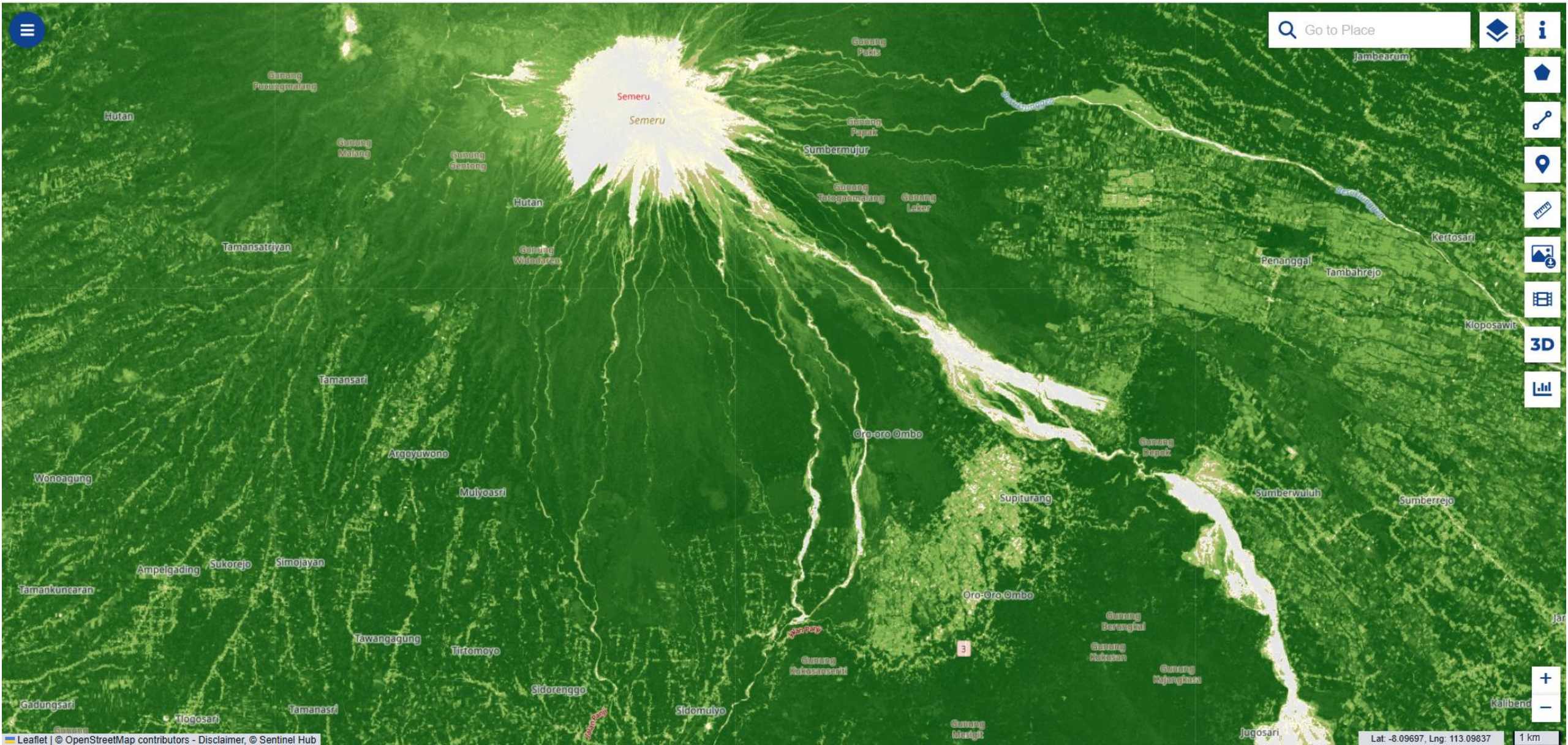
Mengubah citra True Color (TC) menjadi Normalized Difference Vegetation Index (NDVI)



Citra Sentinel-2 TC G. Semeru 23 September 2025

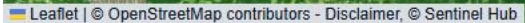
Dian Fiantis, 7 Desember 2025

Deteksi aliran lahar G. Semeru menggunakan citra NDVI

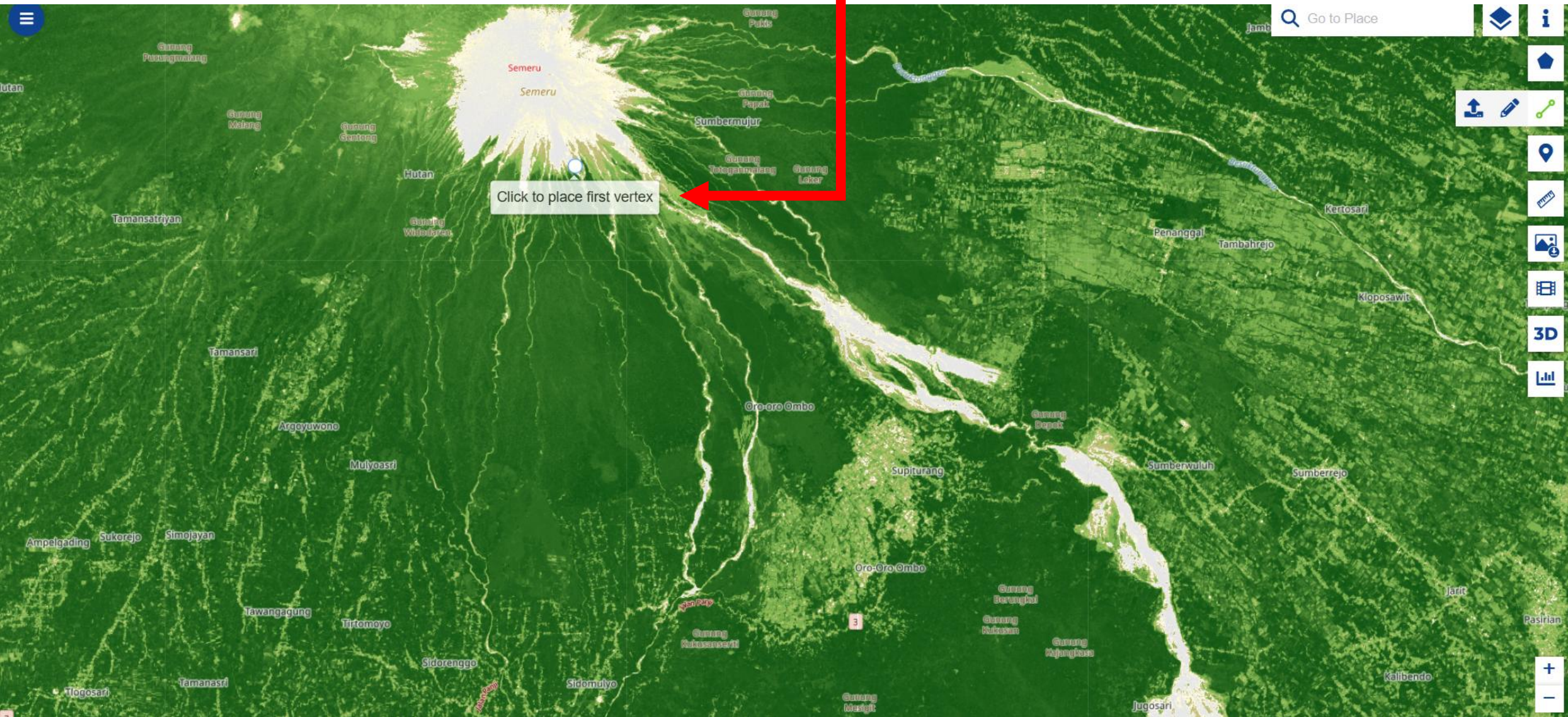


Normalized Difference Vegetation Index (NDVI)

Dian Fiantis, 7 Desember 2025



Dijitasi 'polyline' aliran lahar G. Semeru

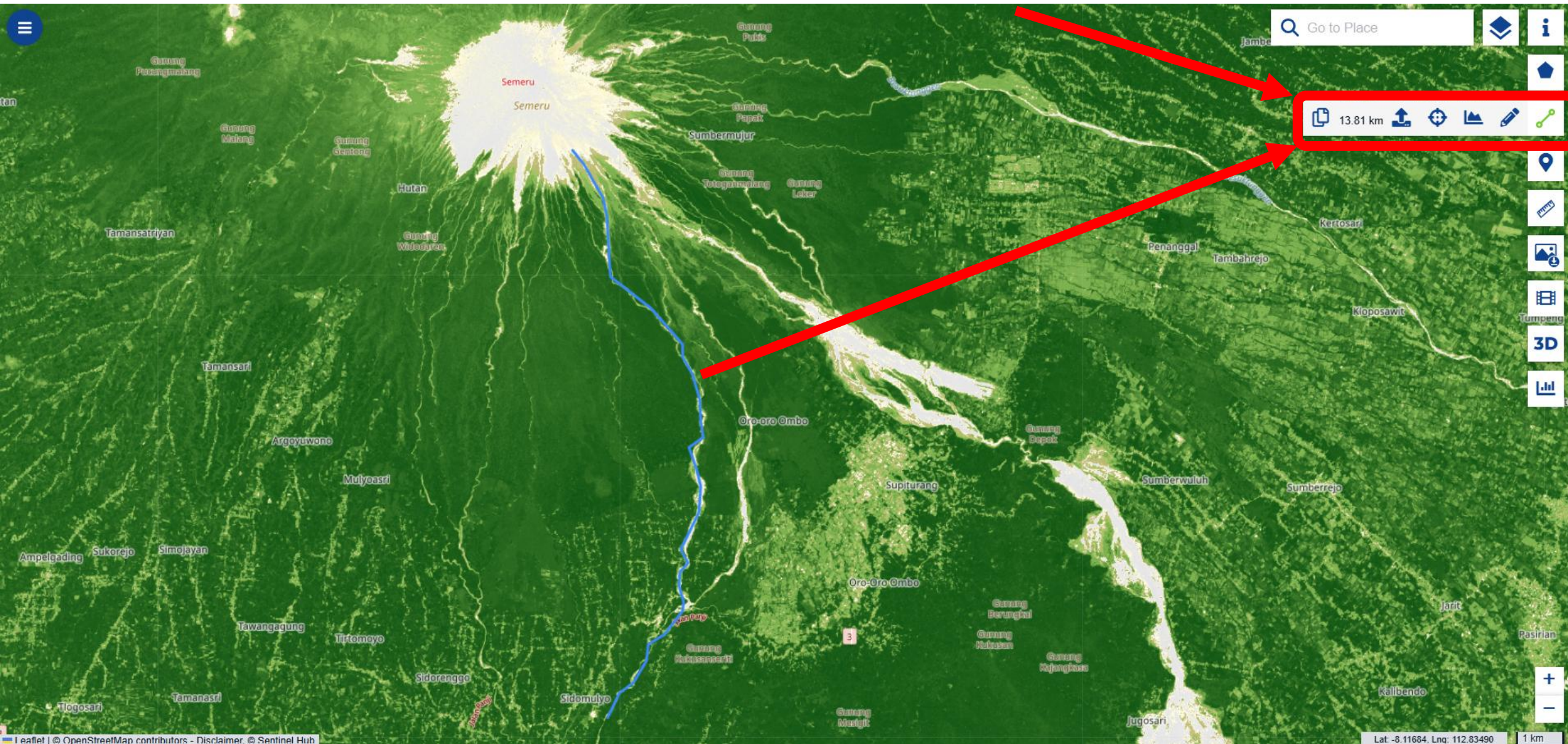


Proses dijitasi aliran lahar G. Semeru



Dian Fiantis, 7 Desember 2025

Hasil dijitasi aliran lahar G. Semeru: 11,81 km



Data geometry (koordinat geografi) hasil dijitasi

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Terima Kasih