



EARTH DATA, SIMPLIFIED.

SAR Change Detection Example

January 7/2021

SAR Change Detection performed using Sentinel-1 and CATALYST Earth

Data Source:

Synthetic Aperture Radar (SAR)

- Sentinel-1, Copernicus (Ground Range Detected imagery)

CATALYST Algorithms (3 of over 745 available):

SARINGEST (Sensor agnostic import)

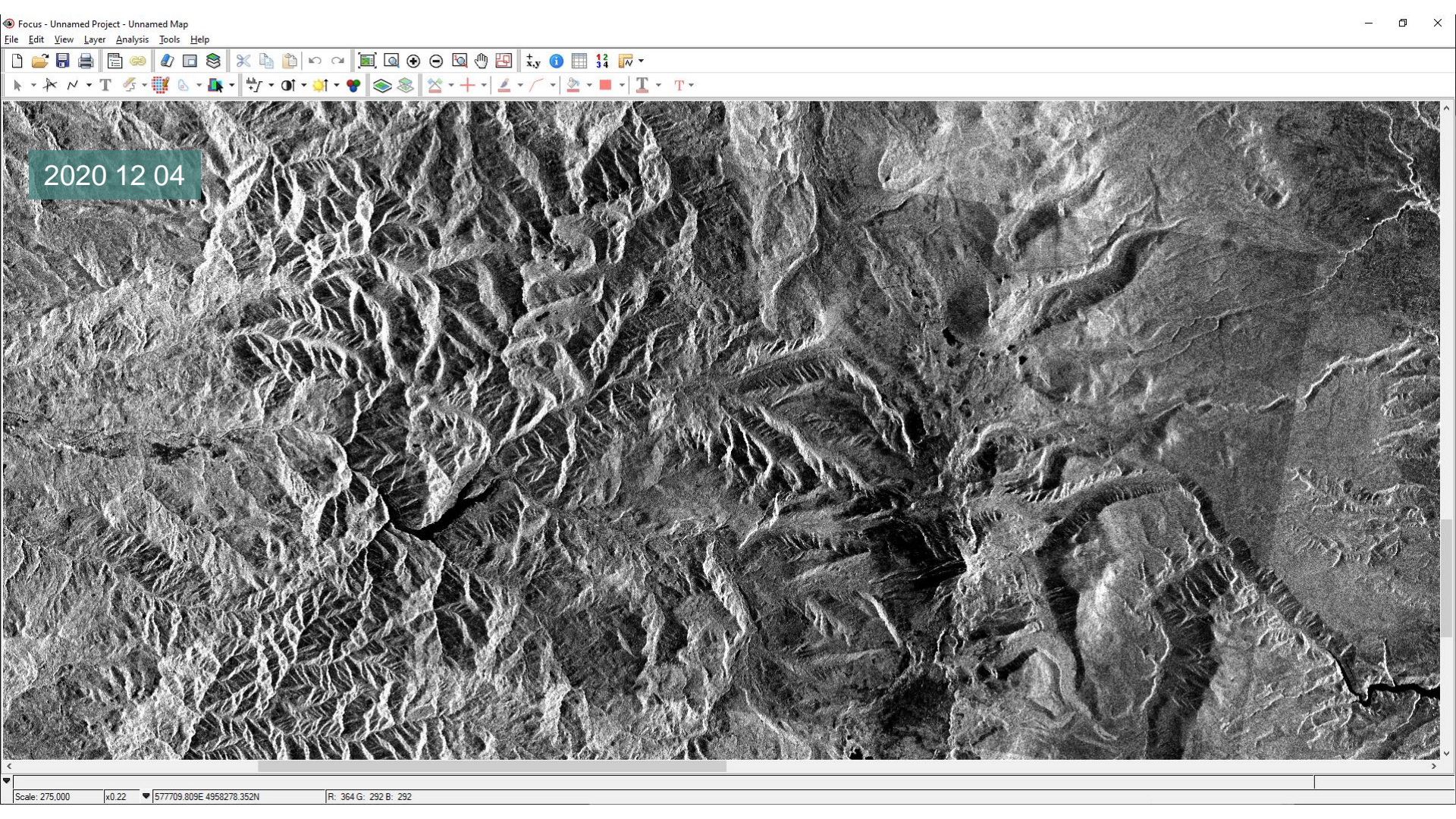
CCDINTEN (Intensity change detection)

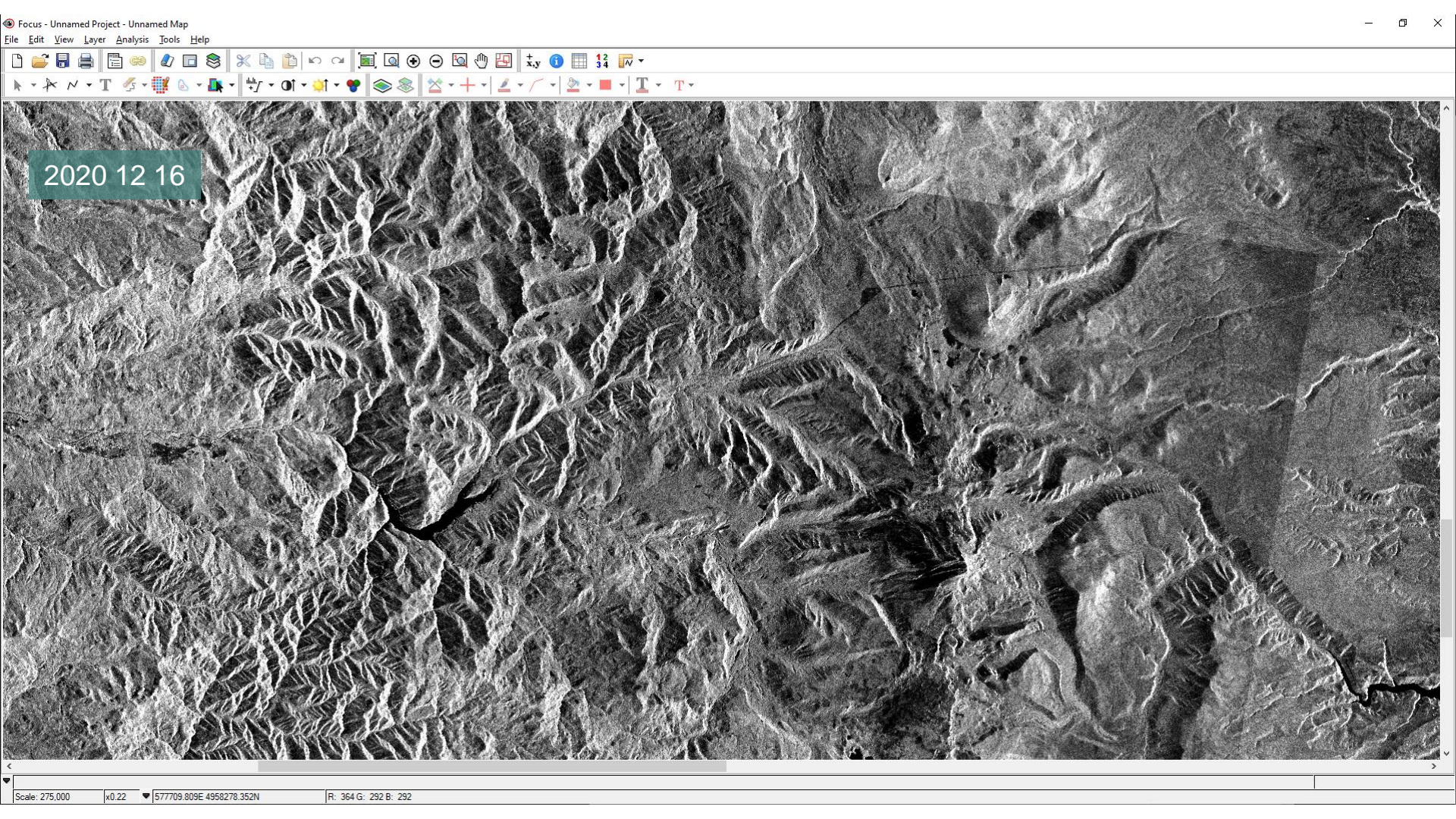
EXPOLRAS (Extract polygons from Raster)

Deployment:

Jupyter Notebook



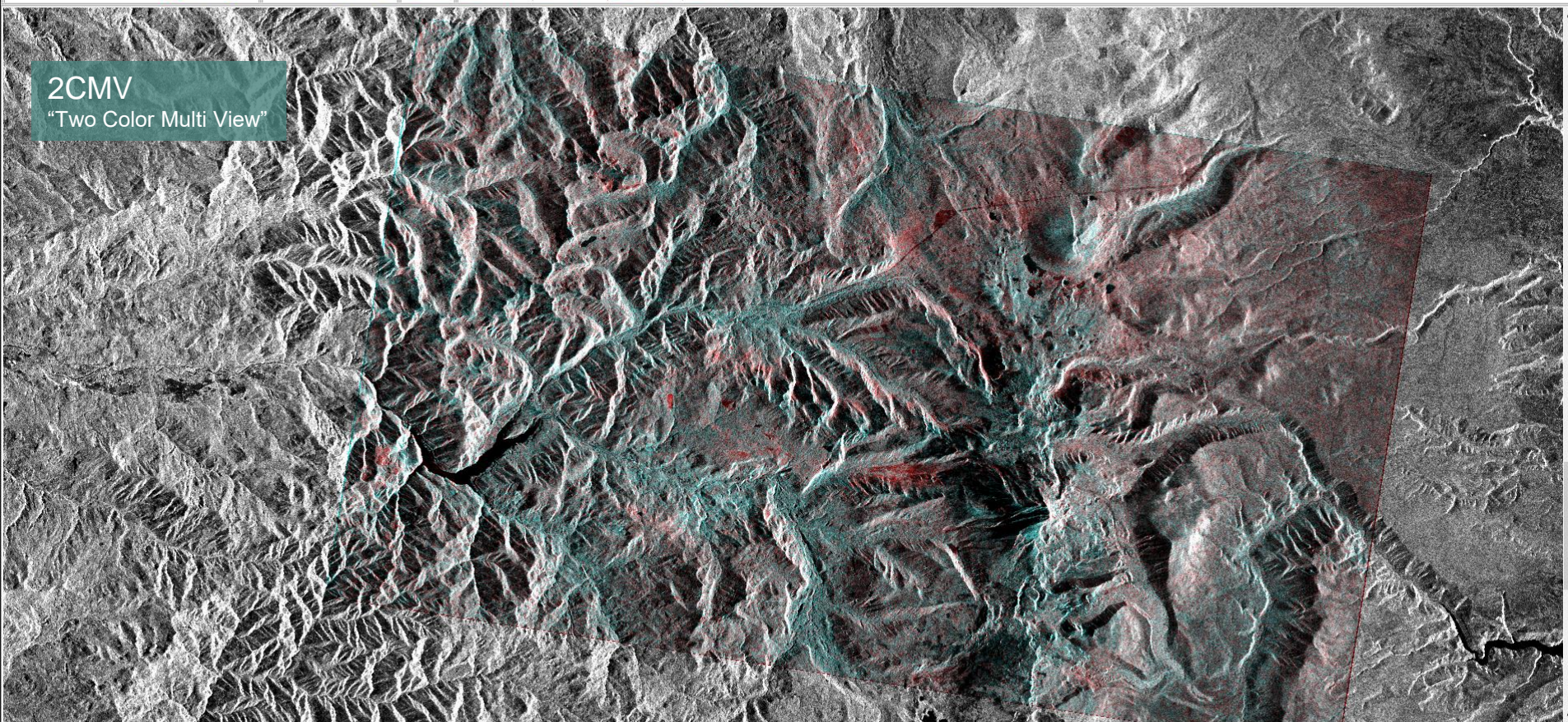






2CMV

"Two Color Multi View"



Contact us

+1 (905) 764-0614

hello@catalyst.earth

catalyst.earth

Live Insights demo: <https://insights.catalyst.earth>



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