

# C T L Y S T

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)

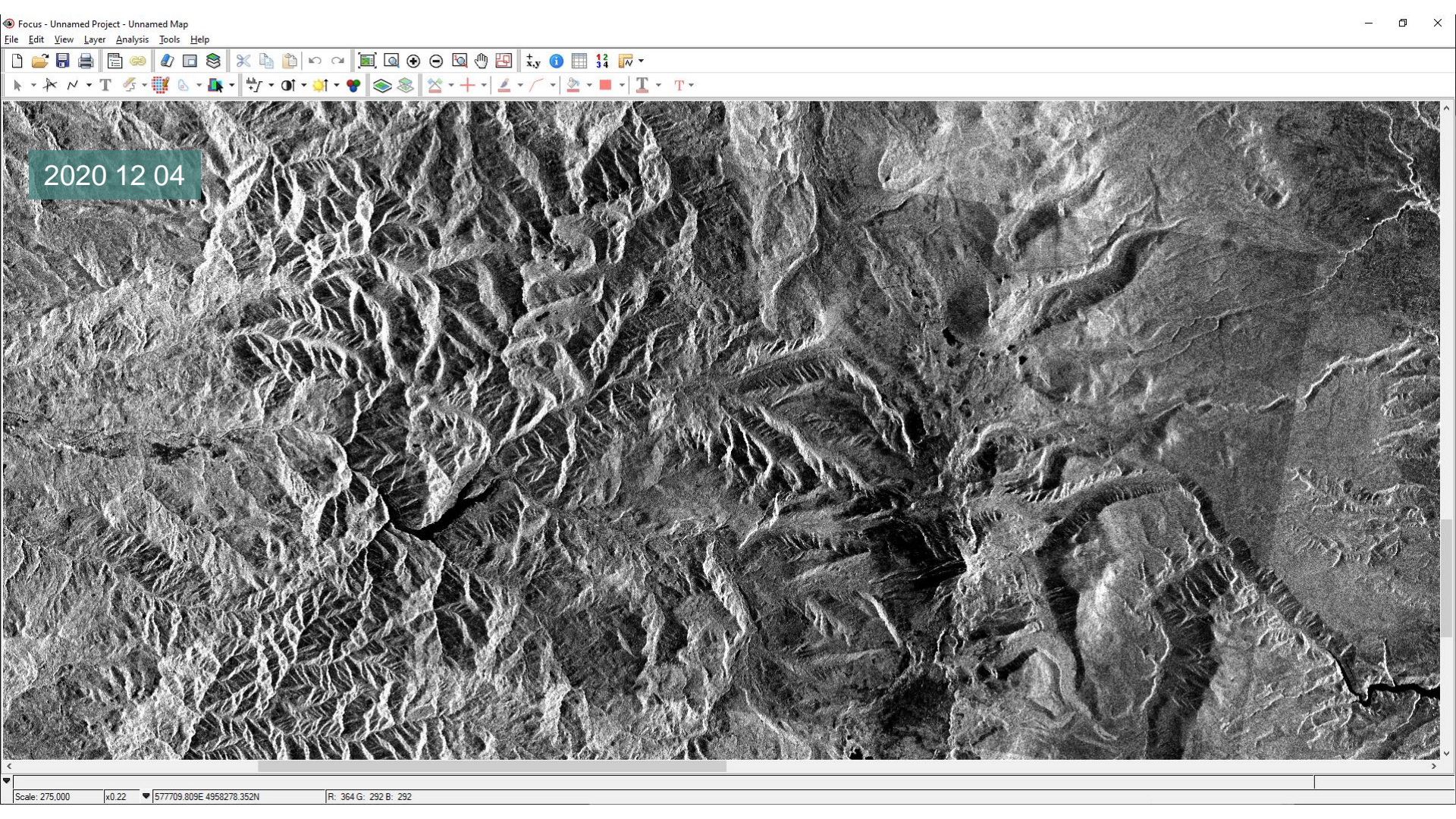
CCDINTEN (Intensity change detection)

EXPOLRAS (Extract polygons from Raster)

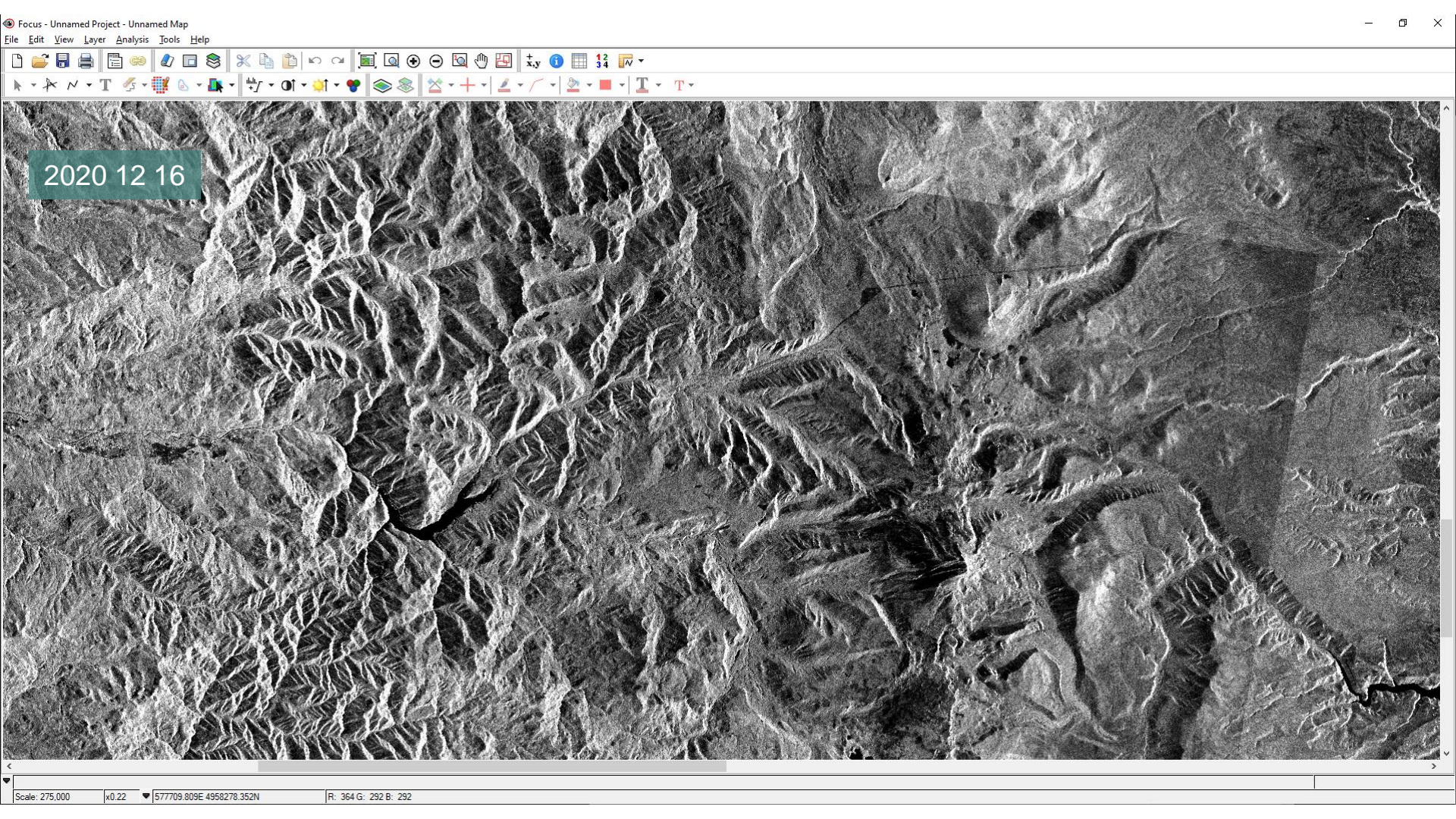
### Deployment:

Jupyter Notebook <https://github.com/krbjones/jupyter-sar>







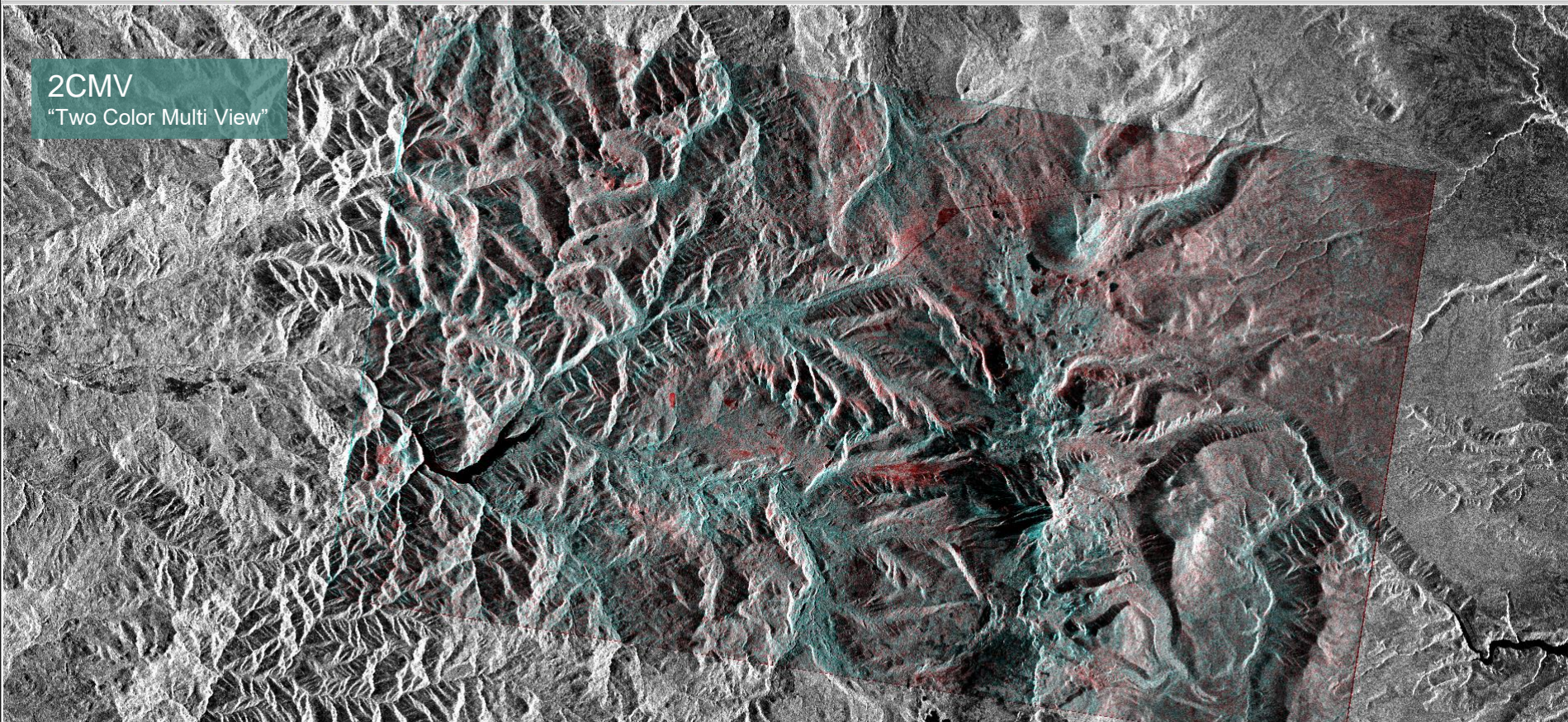






2CMV

"Two Color Multi View"









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



CATALYST  
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