Objectives

- Support GReVS development by developing JavaScript codes for mapping/projecting VIIRS images to Lat/Lon box, pixel registration, and showing the pixel coordinate with the mouse pointer.
- Engineer color scale map for VIIRS I321 composite color and Day/Night band images to reveal fine details.
- Combine higher resolution (30-m) Landsat tiles with VIIRS imagery to show a multi-scale zoom-in view of the region.

Results

- Fixed issue with getting coordinates with mouse.
- Used VIIRS to track fire in France. Can depict with I321 color composite, infrared I4 band, and Day Night Band.
- Developed prototype tool to combine VIIRS and Landsat Imagery.