**Extra Data Resources**

Nasa’s Wildfire Data Tool Kit: <https://earthdata.nasa.gov/learn/toolkits/wildfires>

United States Data: <https://www.data.gov>

**Tutorial for using FIRMS with KML:**

1. Access FIRMS [Here](https://firms.modaps.eosdis.nasa.gov/map/#z:7;c:-119.9,38.9;t:adv-points;d:2018-11-10..2018-11-30;l:firms_modis_a,fire_aqua_crc)
2. Find a specific wildfire or collection of wildfires you would like to collect data for, ex: the Australian Bushfires
3. Note the fire’s general location and its start and end dates
4. Use FIRMS “Burned Area” setting to select the month/s and year the fire occurred\*
5. Find the fire on the map and confirm its location using wikipedia or any other resource regarding the specific fire
6. Estimate a square around the perimeter of the fire, noting four latitude and longitude coordinates (in that order (lat, lon))
7. Create a Google My Maps map and add a new layer
8. Add your coordinates as markers to the new layer
9. Create a polygon over the markers using the polygon tool
10. Delete the markers
11. Export the map as a KMZ file
12. This file can now be used on MODIS to find data for that exact area

\* Note: If the fire is current, the “Advanced” tool on FIRMS has present fires and can also be used if you want a more specific time range for the fires. However, it does not show the exact perimeter of the burned area