

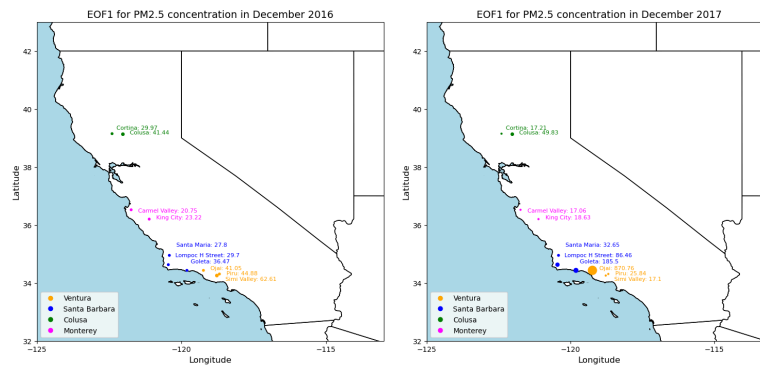
- Climate change caused by global warming increases seasonal wildfires, and wildfires causes air quality to drop in regional areas.
- Air quality (PM2.5) is analyzed from California wildfires relating to environmental causes.
 - The selected wildfires that had occurred from 2016 to 2017:: Thomas Fire, Rye Fire, Creek Fire, and Skirball Fire.
- Data is sourced from EPA: <https://www.epa.gov/outdoor-air-quality-data/download-daily-data>
- Results are from 2016 to 2017 dataset:
 - Counties: Ventura, Santa Barbara, Colusa, and Monterey.
 - PC1 and EOF1 are produced for comparison.

- ## EOF1

- [illegible]

- Yearly comparison of EOF1 between 2016 and 2017.
- Nearby cities in the selected counties are included to show PM2.5 drops (see Ojai and Goleta).

• December 2016 - 2017



- EOF1 of December 2016 and 2017 PM2.5 are compared.
- Nearby cities in the selected counties are included to show PM2.5 be affected (see Ventura and Santa Barbara counties).