



### Scott Rupp

Scenarios Network for Alaska + Arctic Planning Fairbanks, AK

August 2015

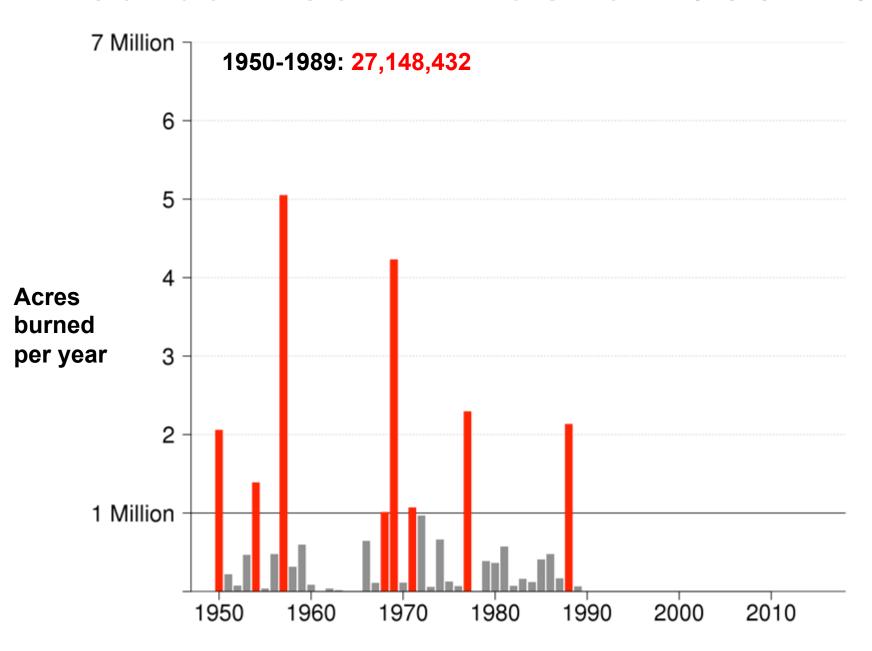


246 communities are in Alaska's boreal forest.

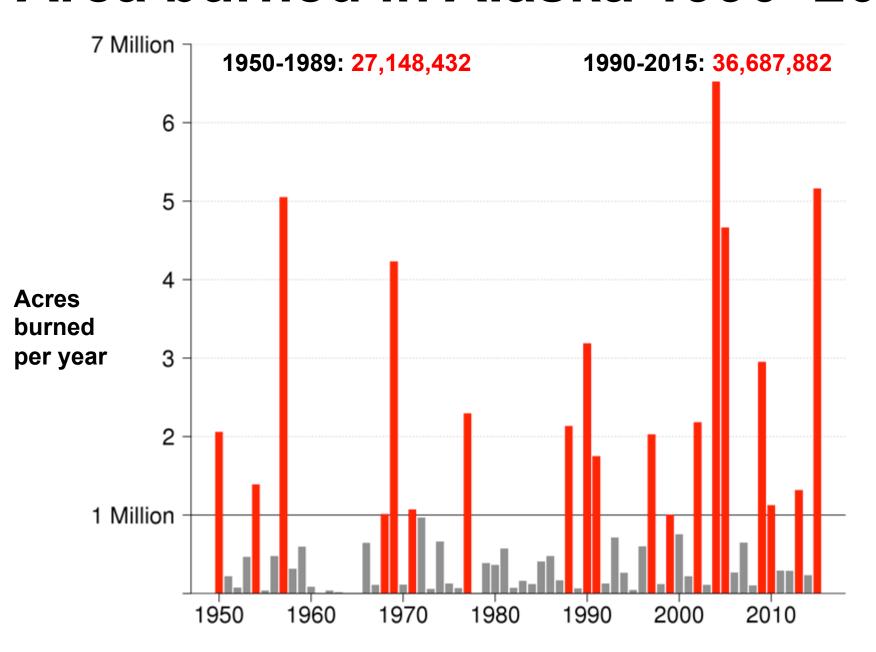
That's over 550,000 people.

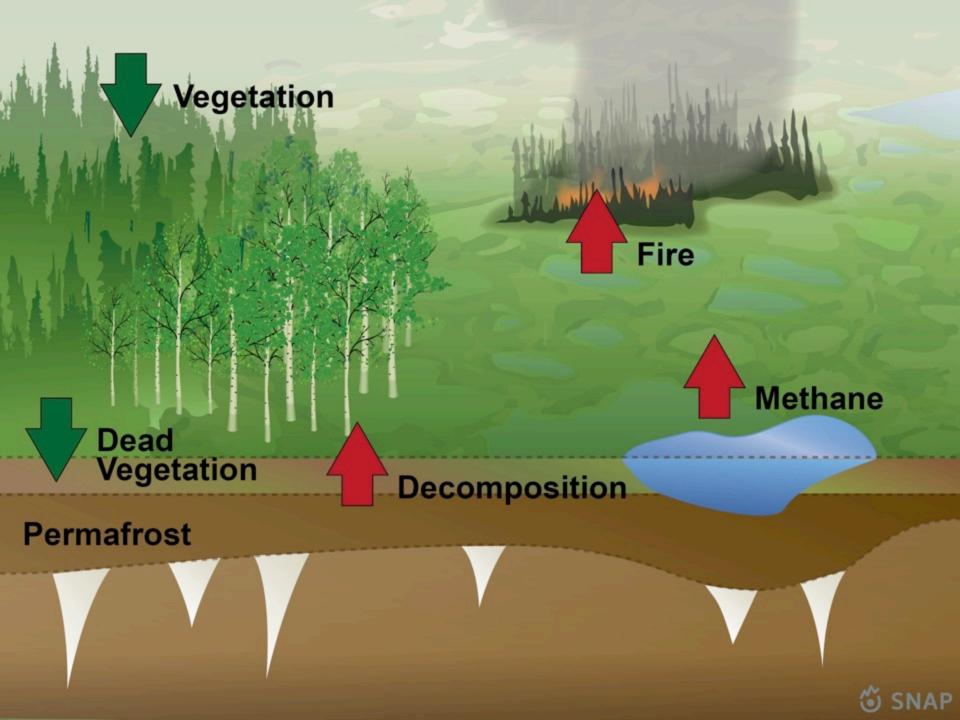


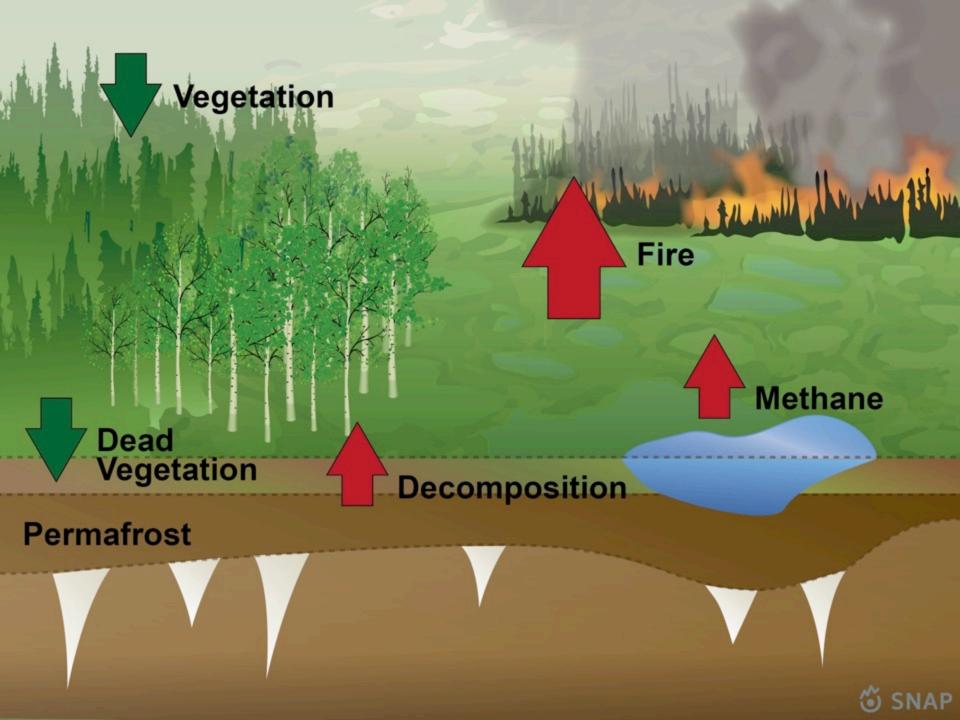
#### Area burned in Alaska 1950-1989

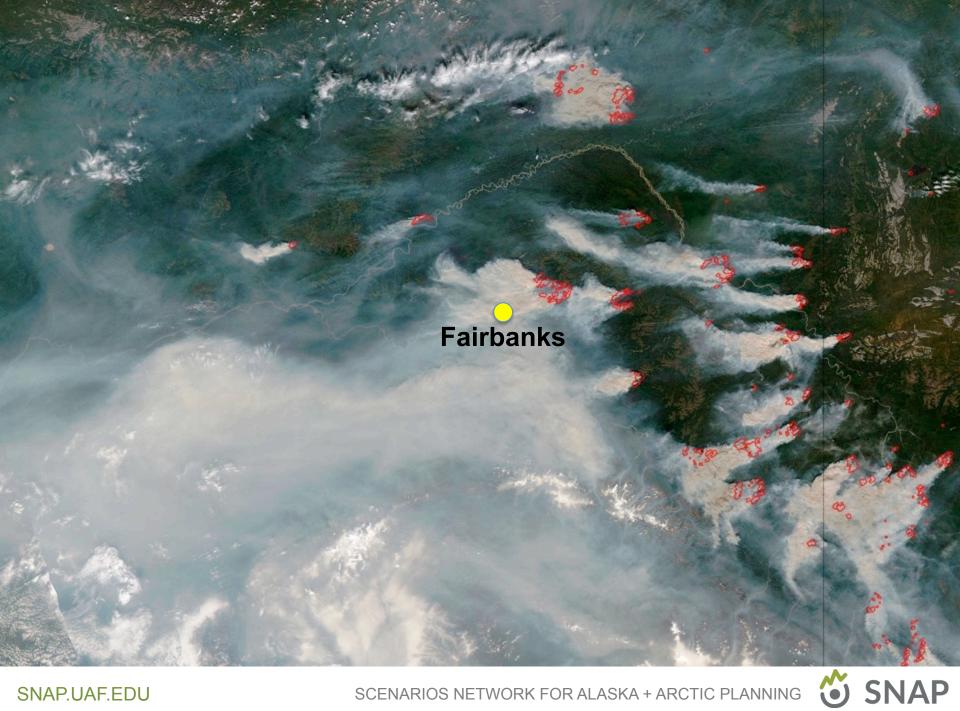


#### Area burned in Alaska 1990–2015











9

Number of days Fairbanks met or exceeded the "unhealthy for sensitive groups" air quality level in summer 2015.

Fairbanks, Alaska, engulfed in forest fire smoke (July 2004)



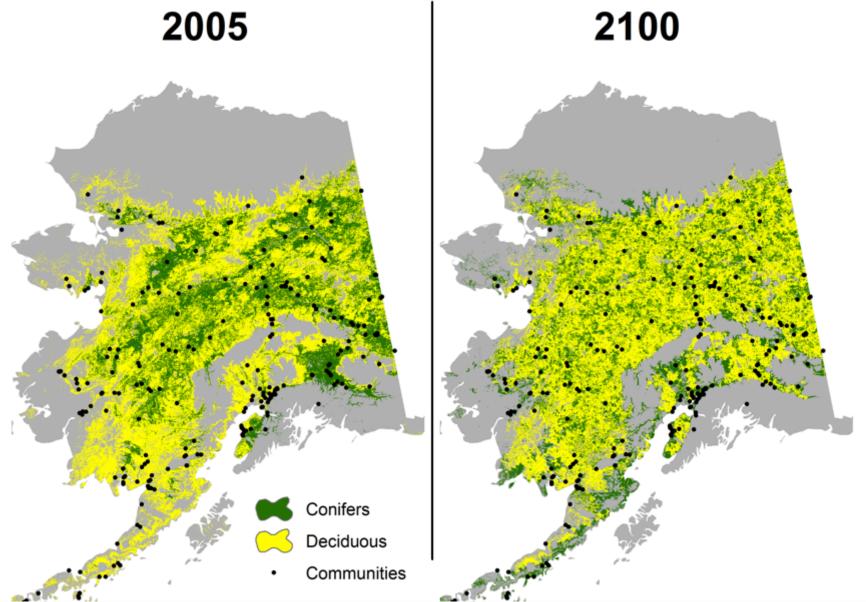
Number of those days on which the air quality in Fairbanks was worse than the average air quality in Beijing.

Source: EPA



J. Jessee

# Changing vegetation



## Habitat change and subsistence

