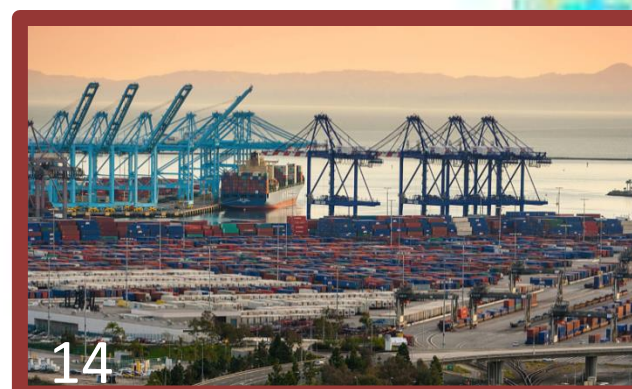
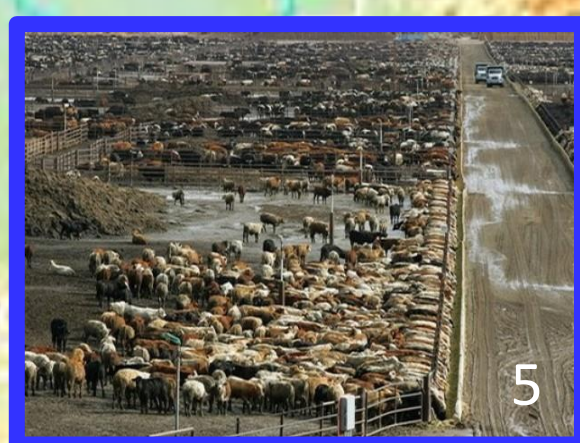
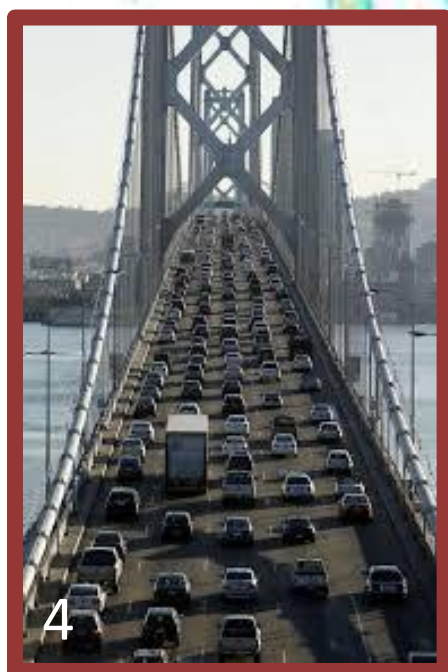


Advancing Solutions to State and Global Air Quality and Climate Issues Through Collaborative Research and Policy

Urban and Agricultural Emissions

- Urban GHGs and CO (Hopkins, Li, J. Zhang)
- Agricultural CH₄ and NH₃ (Hopkins)
- VOCs/IVOCs (Barsanti)



Wildfires

- VOC/IVOC emissions (Barsanti)
- Aerosol transformations – ambient (Bahreini)
- Aerosol transformations – lab (Cocker, Davies, Lin, H. Zhang)
- SOA Formation Mechanisms (Barsanti, H. Zhang)
- Transport and transformation modelling (Allen, Ivey, Porter, Venkatram)
- Health effects (Lin)
- Aerosol optics (Bahreini, Lin)
- Aerosol-water-cloud interactions (Davies)

Transportation

- Primary emissions (Durbin, Johnson, Karavalakis)
- Secondary aerosol formation (Cocker)
- Aerosol microphysics (Cocker, Jung)

Natural Emissions and Health

- Mice-exposure studies (Cocker, Lo)
- Physiology (Carson, Lo, Nair, Nordgren)
- Epidemiology (Lo, Nordgren)
- Transport and exposure modelling (Porter)
- Aerosol chemical composition (Bahreini)
- Aerosol fungal/bacterial characterization (Aronson, Glassman)