Human-induced changes to global climate change Air pollution is defined as any substance in the air are driven largely by the burning of fossil fuels that is harmful to people or the environment. through agricultural production.



failure, lung cancer, and COVID-19. People who live bodies, various illnesses can develop such as heart some may accumulate in the body from repeated exposures. As humans we are very susceptible to result of these foregin substances entering our Most air toxins have no known safe levels, and these toxins as well as particulate matter. As a in the central valley have substantially higher health risk due to air quality

## Air Pollution & Rural Workers

By: Stephanie Gamino, Ayonna Jones, Marcelo S.R. da Silva

Different diseases

Cancers: Lung Cancer, Breast Cardiovascular illness: Stroke, Arrhythmias, Heart Failure Respiratory Illnesses: Flu, Cancer, Prostate Cancer Bronchitis, COVID 19



Air Purifier: Using an air purifier will reduce the amount of particulate Stay Indoors: While indoors make sure that all windows are closed as well as ensure that there is some form of filtered air circulation.

ungs while still protecting you from pollution and airborne particulates. PM 2.5 Masks: These masks are better suited for everyday use due to ndustrial-grade masks, PM 2.5 will put significantly less strain on your their form-fitting nature and filtered exhalation valve. Compared to consider using apps such as AirCare and AirVisual, and a real-time mportant step in protecting yourself. To keep track of air quality Stay Informed: Keeping track of the air quality in your area is an matter circulating through your home tracker for the central valley.



Based on 20 papers published between 2010 and 2021, those are the main problems that affect farmworkers in the San Joaquin Valley. Climate change potentially amplifies 8 out of 12.

Central Valley, whose air quality is one of

Air pollution is not new in California's

the worst in the world. Toxic gases and

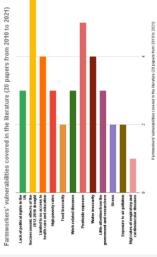
particles from agriculture and

ransportation have a huge contribution

to the problem, but climate change is

making our soil dryer and wildfires more

frequent. The result is more dust and



(like farmworkers), homeless people, and

smoke in the air, and outdoor workers

low-income communities are amongst

the most affected.

Residential sector Climate Change

Vater shortage Transportation

Work-related diseases, Water

2016 drought, High poverty consequences of the 2012-

insecurity, Food insecurity,

Socio-economic

Exposure to air pollution,

cardiovascular diseases,

Respiratory and

for more information and resources please visit: https://tinyurl.com/mzpuhfsw