

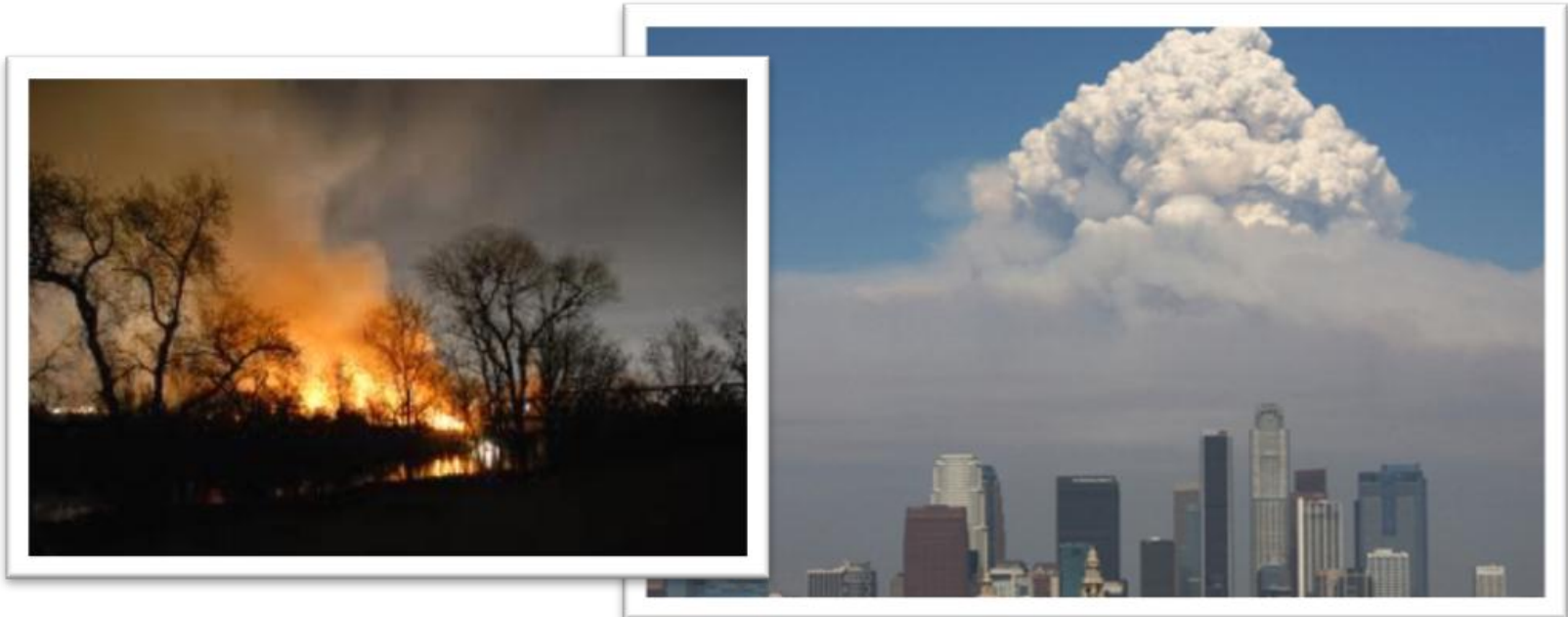
A large fire or explosion is visible in the background, with bright orange and yellow flames rising into the dark sky. In the foreground, several emergency responders are silhouetted against the light from the fire. On the left, a person is wearing a vest with "POLICE" written on it. In the center, a fire truck is visible with the number "751" on its side. To the right, a firefighter in full gear is standing. Other figures are scattered in the foreground, some looking towards the fire. The overall scene is dark, with the fire providing the primary light source.

ARB's Role in Responding to Air Emergencies in California

Monitoring and Laboratory Division
Office of Emergency Response
August 23, 2012

Why an Emergency Response Program?

Fulfills a statutory obligation to support and provide air monitoring for state level emergencies.



Statutory Overview

- 1991 RAPID Act
- 2002 Administrative Orders
- 2006 Emergency Services Act Revision



California: Prone to Disaster Risks



Our Mission:

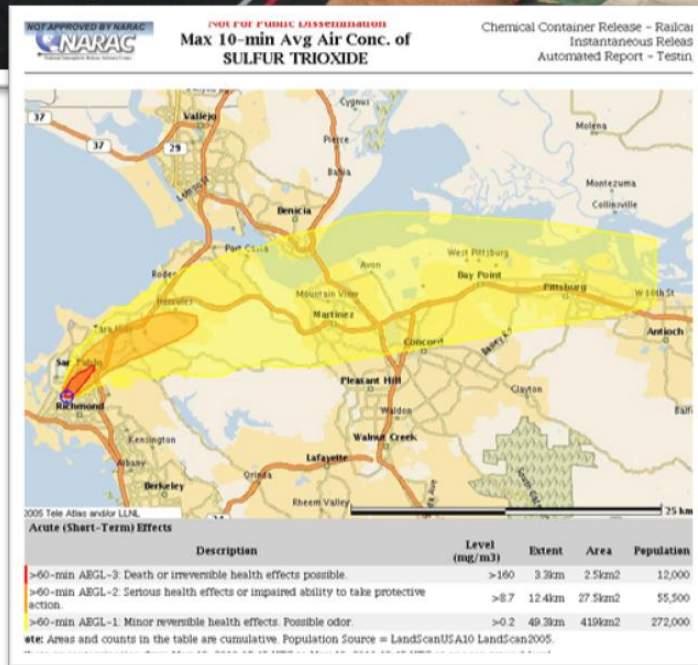
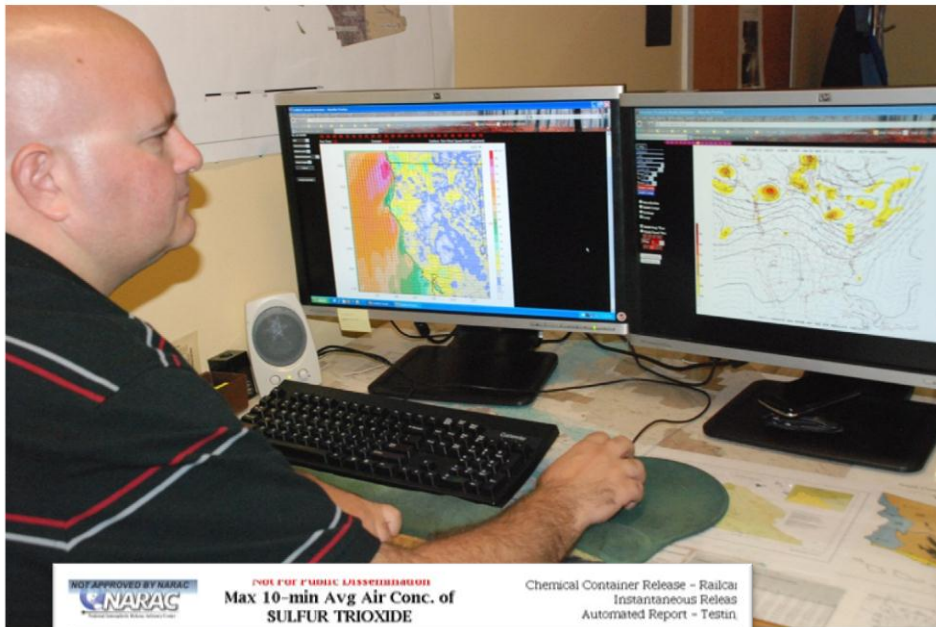
Protect public health by providing actionable air quality data that assists authorities in sound safety decision-making.



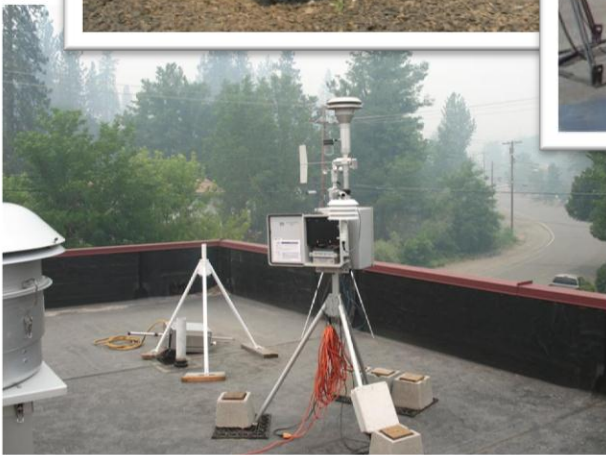
Our Role includes:

- Modeling and forecasting
- Monitoring and analyses
- Health impact assessment
- Interagency collaboration





Modeling and Forecasting



Monitoring and Data Analysis

Health Impact Assessment





Interagency Collaboration

Joint preparedness
for reliable and
predictable support



Emergency Collaboration



Recent ARB Responses

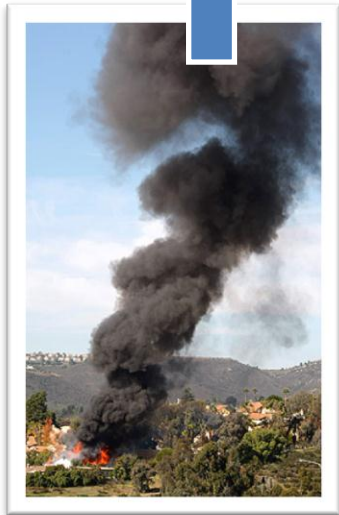


2010 San
Bruno Pipeline
Explosion

2010
Escondido
Explosives
Burn



2011
Fukushima
Fallout
Monitoring



2012 Sierra
Fires



Escondido Explosives Burn

December 2010



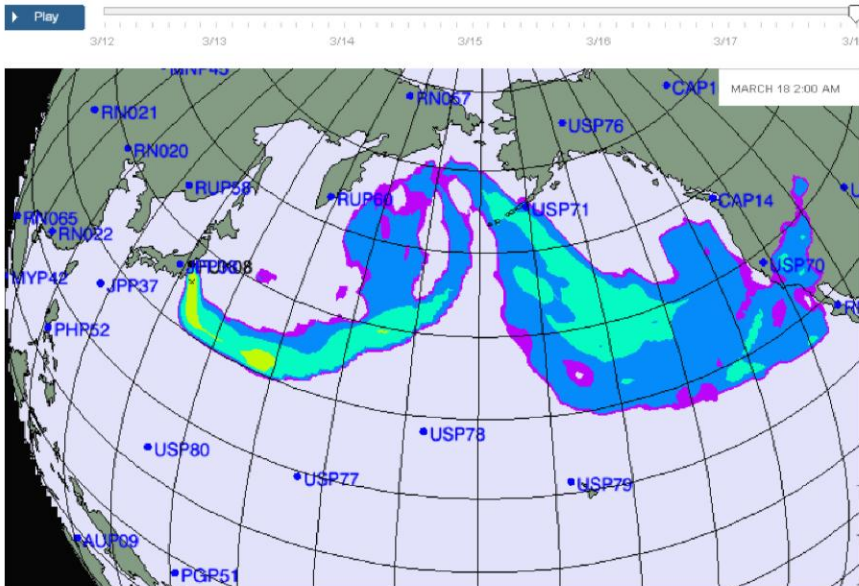
Fukushima Nuclear Disaster

March 2011



Published: March 16, 2011

Forecast for Plume's Path Is a Function of Wind and Weather



by THE NEW YORK TIMES | Send Feedback



TWITTER

2012 Activities



Future Vision

- Leverage resources through collaboration



- Evaluate and deploy leading-edge air monitoring technology



- Optimize data quality and messaging