Next Steps

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Additional Training

www.frames.gov/smoke/tutorial/overview
https://wildlandfirelearningportal.net/
Additional Information

Emissions and Smoke Portal: [https://www.frames.gov/smoke](https://www.frames.gov/smoke)
Additional Information

Emissions and Smoke Portal:  [https://www.frames.gov/smoke](https://www.frames.gov/smoke)
Smoke, Roads, and Safety

https://youtu.be/hklDp38xE14
Air Resource Advisors

Air Resource Advisor, THSP

Position Category: Incident Positions
Position Code: THSP
AD Class: AD-J

Functional Area: Coordination & Support

Introduction
This position is an expert in air quality and smoke dispersion science in order to assess wildland fire smoke risks and impacts. This expertise includes: monitoring, modeling interpretation, data analysis, and regulatory compliance and computer simulation modeling. During wildfire events when smoke is a concern, an Air Resource Advisor's objective is to provide timely smoke impact and forecast information and messaging that are based on best available science. An Air Resource Advisor works with multiple agencies to address public health concerns, smoke risk to transportation safety, and firefighter exposure.

Duties
- Addresses specific wildland smoke needs at incidents or at various levels within the Geographic Area Coordination Center jurisdiction.
- Monitors air quality to determine effects on public and firefighter health and safety. Working as a technical specialist (THSP) for the Incident Management Team (IMT) either solely or supervising other Air Resource Advisors – THSP (Task Group) carries out air quality monitoring and reporting on incidents.
- At times works directly with State Air Regulators or Health Departments in determining impacts from smoke and associated air pollutants. An Air Resource Advisor's work activities necessitate interactions with many different IMT members. This usually includes FBAN and IMET in estimating fuel consumption and interpreting weather forecasts in order to develop smoke production estimates and identification of smoke dispersion impact areas.
- Works directly with Liaison, Public Information and Safety Officers in developing smoke mitigation plans to address firefighter exposure, downwind impacts to smoke sensitive areas and transportation corridor safety. Transportation corridor assessments can include briefings for State and Local law enforcement, Department of Transportation and Emergency Management agencies on predictions of nighttime smoke impacts. This facilitates a coordinated and integrated multiple agency response for highway hazards. Smoke intelligence also provides information in determining optimal burnout windows for Operations Section.
Progress and Collaboration in EPA Region 4

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Website: www.southernfireexchange.org
YouTube: www.youtube.com/user/SouthernFireExch

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