



Next Steps

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Additional Training

www.frames.gov/smoke/tutorial/overview
<https://wildlandfirelearningportal.net/>

The screenshot shows a website navigation menu with the following items: Home, Events/News, Tutorial, Management, Regulation, NWCG SmoC, and Research. The 'Tutorial' menu is expanded, showing a list of training modules and topics. A red box highlights the 'Tutorial' menu and its sub-menu. A mouse cursor is pointing at 'Module 2: Air Quality Regulations'. The sub-menu items are: Overview, Module 1: Impacts of Smoke, Module 2: Air Quality Regulations, Module 3: Smoke Management, Module 4: Communication and Collaboration, and Smokepedia. A second sub-menu is also visible, listing: Overview, Particulate Matter, Ozone, Other Compounds, Public Health, Firefighter Health, Transportation Safety, Nuisance Smoke, and Air Quality Index. Below the navigation menu, there are 'View' and 'Edit' buttons, and a dashed box labeled 'Header'.



Additional Information

Emissions and Smoke Portal: <https://www.frames.gov/smoke>

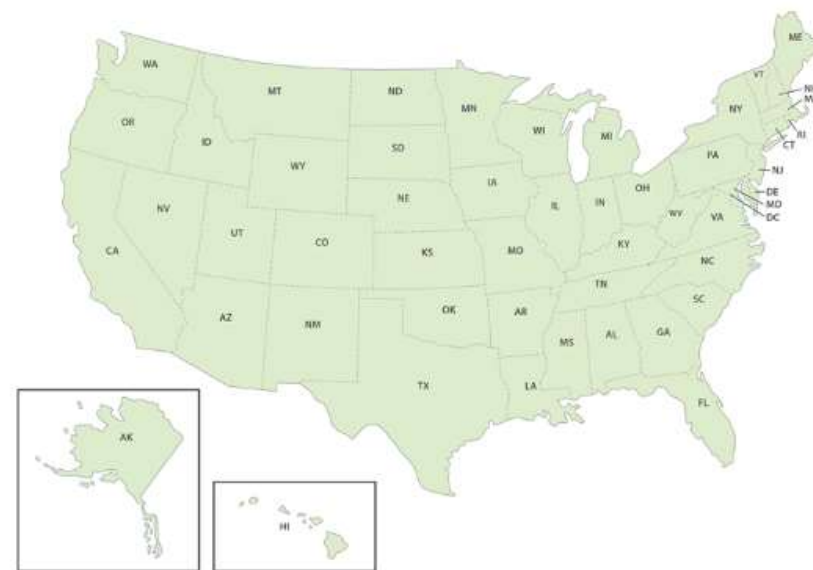
Calendar Upcoming Events Current Announcements and Jobs

January 2020

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Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
Rx510 and M580 Courses January 13, 2020 (All day) to January 17, 2020 (All day)						
19	20	21	22	23	24	25
	NWCG Smoke Managers Subcommittee Call January 21, 2020 10:00 am PST		CARB/CAPCOA Prescribed Fire Smoke Management			
26	27	28	29	30	31	1
				Webinar - Air Quality 101: Essential Concepts and Tools for Prescribed Burners January 30, 2020 1:00 pm to 2:30 pm PST		

Wildland Fire Smoke Contacts



Wildland Fire Smoke Contacts Map - Click the image above to use an interactive map of federal, state, tribe, and local smoke management contacts. This resource is also available from the Management menu.



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Wildland Fire Smoke Contacts



NC Dept. of Environmental Quality - Division of Air Quality
(919) 707-8497
randy.strait[at]ncdenr.gov

North Carolina State Resources

[The North Carolina Smoke Management Program](#)

[Memorandum of Understanding between NCDEQ DAQ and NCDA&CS](#)

North Dakota

Wildland Fire Smoke Contacts Map - Click the image above to use an interactive map of federal, state, tribe, and local smoke management contacts. This resource is also available from the Management menu.



Smoke, Roads, and Safety

**SMOKE, ROADS AND SAFETY:
CHECK BEFORE THEY WRECK**

- Identifying the Hazard
- Planning
- Mitigation & Response
- Tools

2:33 / 13:03

Smoke, Roads, and Safety
3,235 views • Mar 12, 2019

NWCG - National Wildfire Coordinating Group
661 subscribers

Smoke, Roads and Safety; Best practices for predicting and managing smoke over roadways. This video was created by the NWCG Smoke Committee and is applicable for the RT-300 Burn Boss Refresher Course.

[SUBSCRIBE](#)

<https://youtu.be/hklDp38xE14>



AD Positions

AD Positions List

Command

Coordination & Support

Finance

Logistics

Operations

Planning

Air Resource Advisor, THSP

Position Category: Incident Positions

Position Code: THSP

Functional Area: Coordination & Support

AD Class: AD-J

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.

Air Resource Advisors

Progress and Collaboration in EPA Region 4



Photo credits: Rick Gillam



Speaker Contact Info

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Stay Connected with SFE!

Host: David Godwin, Ph.D. (d.godwin@southernfireexchange.org)

Website: www.southernfireexchange.org

YouTube: www.youtube.com/user/SouthernFireExch



Look for this webinar recording on our SFE YouTube Channel!