



Next Steps

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Additional Training

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

The screenshot shows the navigation menu of the Smoke Management Training Resources website. The 'Tutorial' menu item is highlighted with a red box. A dropdown menu is open, showing the following options: Overview, Module 1: Impacts of Smoke, Module 2: Air Quality Regulations, Module 3: Smoke Management, Module 4: Communication and Collaboration, and Smokepedia. A red box also highlights the 'Overview' option in the dropdown menu. A mouse cursor is pointing at the 'Overview' option. The website header includes links for Home, Events/News, Tutorial, Management, Regulation, NWCG SmoC, and Research. The main heading is 'Smoke Management Training Resources'. Below the heading are 'View' and 'Edit' buttons. A dashed box labeled 'Header' is visible at the bottom of the page.

Home Events/News **Tutorial** Management Regulation NWCG SmoC Research

Smoke Management Training Resources

View Edit

Header

Tutorial dropdown menu:

- Overview
- Module 1: Impacts of Smoke
- Module 2: Air Quality Regulations
- Module 3: Smoke Management
- Module 4: Communication and Collaboration
- Smokepedia

Overview dropdown menu:

- Overview
- Particulate Matter
- Ozone
- Other Compounds
- Public Health
- Firefighter Health
- Transportation Safety
- Nuisance Smoke
- Air Quality Index

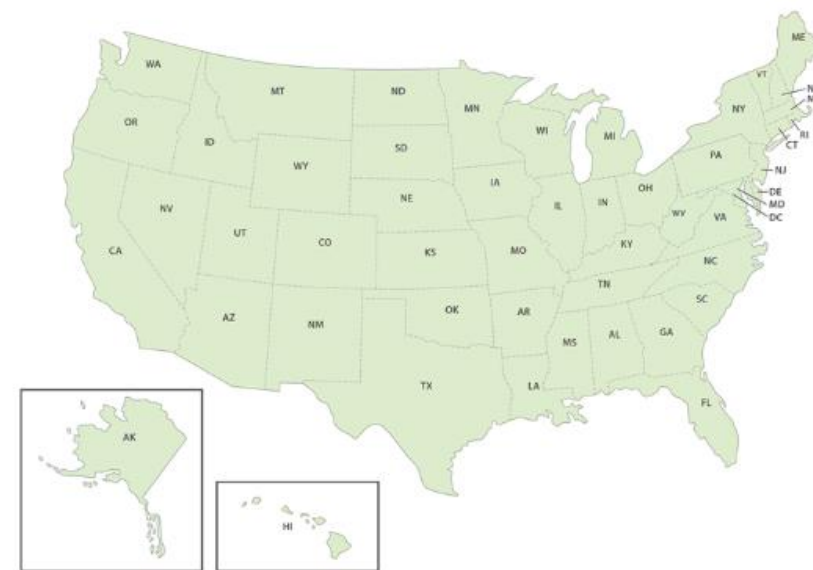


Additional Information

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

Calendar Upcoming Events Current Announcements and Jobs						
January 2020						
<div>< Prev Next ></div>						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	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 Manageme		
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.



Additional Information

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

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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](mailto: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

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NWCG - National Wildfire Coordinating Group
661 subscribers

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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.

<https://youtu.be/hklDp38xE14>



Air Resource Advisors



National Wildfire Coordinating Group

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AD Positions

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[Finance](#)

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[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.



Progress and Collaboration in EPA Region 4



Comprehensive Strategy for Prescribed Fire to Restore Longleaf Pine in the Southeast United States: A Vision for 2025

Developed by the
Southeast Regional Partnership for Planning and Sustainability (SERPPAS)
Prescribed Fire Work Group

Prepared by Caitlin Burke, Ph.D., Toddi Steelman, Ph.D., and Laurie Gharis, Ph.D.
Regional Readiness Cooperative
North Carolina State University, August 2012

The appropriate citation for this report is:
Burke, C., T. Steelman, and L. Gharis. 2012. *Comprehensive Strategy for Prescribed Fire to Restore Longleaf Pine in the Southeast United States: A vision for 2025*. Regional Readiness Cooperative. August. 35 pp.



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Stay Connected with SFE!

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Website: www.southernfireexchange.org

YouTube: www.youtube.com/user/SouthernFireExch



Look for this webinar recording on our SFE YouTube Channel!