

September 22, 2022, RAWSEP news paraphrased.

The U S Midwest and the U S South

[How air pollution can cause lung cancer in non-smokers | Mirage News](#)

Mirage News

The research found that exposure to tiny pollutant particles that are 3% of the width of a human hair, called PM2.5, promotes the growth of cells ...

[Air pollution, weather changes may exacerbate allergic rhinitis symptoms - Healio](#)

Healio

The strongest effects of particulate matter and nitrogen dioxide on ... By age group, older adults were more sensitive to PM2.5 and PM10, ...

[Acute exposure to air pollutants increase the risk of acute glaucoma | BMC Public Health](#)

BMC Public Health - BioMed Central

The analysis is conducted based on the outpatient data from two hospitals in Shanghai. Air pollutants include PM2.5 (particulate matter  $\leq 2.5 \mu\text{m}$  in ...

[WKYT Investigates UPDATE | City: Permit or not, incinerator use still likely prohibited](#)

WKYT

... "low-emissions alternative to the open burning of wood waste." But the business's prior use of the burner without a permit triggered dozens of ...

Kentucky, Fayette County, Lexington (city)

[WKYT Investigates | Lexington residents, businesses concerned over potential permit for incinerator](#)

WKYT

The manufacturer describes the incinerator as a "low-emissions alternative to the open burning of wood waste," according to C&R's permit ...

[Firing up ceramics in community - Wilmington News Journal](#)

Wilmington News Journal

Nicolin Haines is hoping to finish his wood-burning kiln (or wood kiln) by next summer and hopes to "fire" it at least three times a year for ..

U S West Coast

[Exposure to wildfire-related PM 2.5 and site-specific cancer mortality in Brazil from 2010 to 2016](#)

PLOS

Long-term exposure to fine particles  $\leq 2.5 \mu\text{m}$  in diameter (PM2.5) has been linked to cancer mortality. However, the effect of wildfire-related ...

[Northern California children face the trauma left by the fires - D1SoftballNews.com](#)

D1SoftballNews.com

SONOMA, Calif. Maia and Mia Bravo walked out of their house on a bright summer day and sensed danger. Burnt wood smoke wafted over his garden.

<https://www.msn.com/en-us/news/us/as-wildfire-risk-grows-campfires-fade-across-an-arid-west/ar-AA11XAhj>

As wildfire risk grows, campfires fade across an arid West

Nick Mott, Karin Brulliard - Yesterday 5:00 AM

React1 Comment|

FLORENCE, Mont. — The hum of RV generators and faint whiff of pine lent ambiance on a recent evening to the Charles Waters campground in the Bitterroot Mountains. Absent were the [crackle and hiss of campfires](#) and the [distinctive scent of burning wood](#).

Columbia, South America

[COPD in Colombia - The Lancet](#)

The Lancet

[“Without a doubt, exposure to biomass and wood smoke is an important risk factor in rural areas, especially those where kitchens still operate inside ...”](#)

[Cooking in the West - The Ekalaka Eagle](#)

The Ekalaka Eagle

When the bull elk starts to bugle and there is a chill in the morning air, I get really homesick for the smell of wood smoke coming from the cook.

California, Mono Lake

[Smoke/Haze Info from Great Basin Unified Air Pollution Control Board - Sierra Wave](#)

Sierra Wave

Lake regions are rated as unhealthy with relatively high PM 2.5 (indicating the size of the particulate matter). Lee Vining has a moderate rating.

California, Mono Lake

Smoke/Haze Info from Great Basin Unified Air Pollution Control Board

Washington State

[Public discussion begins on plans to improve air quality in overburdened communities](#)

Washington State Department of Ecology - WA.gov

... to health issues: particulate matter (PM2.5, PM10); ground-level ozone; sulfur dioxide; nitrogen dioxide; carbon monoxide; and lead.

Department of Ecology News Release - Sept. 19, 2022

Public discussion begins on plans to improve air quality in overburdened communities

Initiative is key environmental justice provision in Washington’s Climate Commitment Act

OLYMPIA –

The Washington Department of Ecology opens public comment today on a new initiative to improve air quality in overburdened communities that are highly impacted by air pollution.

The initiative is part of Washington’s landmark Climate Commitment Act, which the Legislature passed in 2021. It will eventually lead to new strategies for improving air quality in overburdened communities.

“Everyone deserves to breathe clean air, but we know that some communities in Washington are exposed to higher levels of air pollution than others,” said Ecology Director Laura Watson. “We’re excited about the opportunity this initiative presents to listen to people most impacted by air pollution and to develop new approaches to addressing this problem.”

Environmental justice refers to the fair treatment and meaningful involvement of all people, regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Under the Climate Commitment Act, Ecology must identify which Washington communities are vulnerable to “criteria” air pollution, expand air quality monitoring in these areas, and later develop plans to reduce these air pollutants. The U.S. Environmental Protection Agency classifies six criteria pollutants that contribute to health issues: particulate matter (PM2.5, PM10); ground-level ozone; sulfur dioxide; nitrogen dioxide; carbon monoxide; and lead.

This public engagement period will focus on the method for identifying overburdened communities highly impacted by air pollution. Ecology is seeking input from organizations, environmental justice advocates, Tribal governments, the general public, and disproportionately affected communities until Nov. 2, 2022.

Seven public comment sessions will be held online to maximize participation. In addition, Ecology has been engaging for several months with members of the Governor-appointed Environmental Justice Council to receive their recommendations on this initiative and will continue to seek the Council’s expertise.

How to comment

Submit comments online, by mail, voice mail, or in a public comment session.

[Comment online.](#)

Mail to:

Erin Torrone  
Department of Ecology  
P.O. Box 47600  
Olympia, WA 98504-7600

Leave a comment at 564-200-4426.

Public comment sessions

Ecology will provide seven online opportunities for public participation. The format for each session is an overview of the air quality initiative, followed by a question-and-answer period, and then public comment.

American Sign Language, real-time interpreters and educational materials in Korean, Simplified Chinese, Spanish, Russian and Vietnamese will be available.

Tuesday, Sept. 27 at 1 p.m. [Register here.](#)

Thursday, Sept. 29 at 6 p.m. [Register here.](#)

Wednesday, Oct. 12 at 6 p.m. [Register here.](#)

Tuesday, Oct. 18 at 1 p.m. [Register here.](#)

Thursday, Oct. 20 at 6 p.m. [Register here.](#)

Wednesday, Oct. 26 at 1 p.m. [Register here.](#)

Tuesday, Nov. 1 at 6 p.m. [Register here.](#)

Learn more

[StoryMap: Identifying Overburdened Communities](#)

[Improving Air Quality in Overburdened Communities](#)

[Environmental Justice at Ecology](#)

Contact information

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Washington State, Vancouver

[Clark County pellet stove owners urged to get orders in soon as pellet shortage looms](#)

The Columbian

That could mean that wood-burning stoves can have a zero-cost fuel. “I don't think those are ever going to go away,” said Taylor, though he does think ...

U S Northeast

Canada

British Columbia

### [Changes to Woodstove exchange program - The Rocky Mountain Goat](#)

The Rocky Mountain Goat

It also helps educate residents on more efficient operating techniques for wood-burning appliances, about wood smoke and its health effects.

Changes to Woodstove exchange program

Published on : [September 19, 2022](#)

### [\\$2 million aimed at helping reduce slash burning, wildfire risk and habitat in Chilcotin](#)

Williams Lake Tribune

With funding from the Forest Enhancement Society of BC (FESBC), more wood fibre is being moved out of the Jackson Lake area for use by local pulp ...

Australia

New Zealand

The U K

### [Pollution and depression: staying mentally healthy amidst an inversion | UK NEWS TO DAY](#)

UK NEWS TO DAY

PM2.5 what does "fine dust" stand for [measures] up to 2.5 microns in size. ... "various air pollutants, and in particular PM and nitrogen oxides, ...

Pollution and depression: staying mentally healthy amidst an inversion

### [Plea for action on Nottingham road where you can 'taste the pollution' - Nottinghamshire Live](#)

Nottingham Post

According to the Air Quality Index PM 2.5 levels (particulates with a diameter less than 2.5 micro-meters which can cause damage to airways and ...'

Plea for action on Nottingham road where you can 'taste the pollution'

Some have called for Canal Street to be reopened to ease congestion

Germany in the European Union, and Europe and the Middle East

<https://www.msn.com/en-us/news/world/germany-nationalizes-gas-company-uniper-to-protect-energy-supplies/ar-AA124F0j?cvid=f438e04c7b1340d998770589de0a29e8>

### [How Putin's Invasion Of Ukraine Produced A Windfall For Enviva's Wood Pellets Business](#)

Forbes

In fact, burning wood pellets emits more carbon dioxide for the same amount of energy than does coal. The pellets are considered green only ...

### [PFPI: Tide Turning on Use of Wood-Burning for Renewable Energy in Europe - Yahoo Finance](#)

Yahoo Finance

On heels of European Parliament vote to end incentives for burning forest biomass, NGOs file challenge to bioenergy in EU's Sustainable Finance ...

Contacts

Partnership for Policy Integrity, +1 413-648-7191, [info@pfpi.net](mailto:info@pfpi.net)

## [FFPI: Tide Turning on Use of Wood-Burning for Renewable Energy in Europe](#)

Business Wire

A vote last week by the European Parliament marks a first step toward significant new restrictions on burning “primary woody biomass” (wood ...

## [From nuclear energy to wood burning: crisis puts green policies in check in Europe](#)

News Release India

The block also faces an internal struggle related to the burning of wood as a source of electricity. While the European Parliament voted to end ...

<https://www.msn.com/en-us/news/world/ukraine-war-thrusts-german-climate-action-into-spotlight/ar-AA120Jfw?cvid=39951f2f20cc47e289dce82c20f17159>

Ukraine war thrusts German climate action into spotlight

By AYA BATRAWY, AP Business Writer - 52m ago

UNITED NATIONS (AP) — Germany remains committed to phasing out coal as a source of power by 2030 even as it [reactivates coal-fired power plants](#), the country's climate envoy said Monday. Germany says it took the step to get through the coming winter amid energy shortages as a result of Russia's war in Ukraine.



## [EU votes to curb tree burning for fuel, but falls short of phasing it out | RenewEconomy](#)

Renew Economy

While the outcome of the vote introduces an end to subsidies for burning wood in electricity-only installations, this is undermined by huge ...

## [Coal stoves and wood thieves: Europe braces for winter without Russian gas - The Washington Post](#)

The Washington Post

In Germany, residents of old West Berlin are dusting off coal- and wood-burning ovens that once served as insurance against the Russians targeting ...

## [EU votes to keep woody biomass as renewable energy, ignores climate risk - Mongabay](#)

Mongabay

**Scientific evidence shows that burning wood pellets is a major source of carbon at the smokestack.** The European Union also likely continued its ...

France

## [Heating homes: What are the rules on fires and log burners in France? - TheLocal.fr](#)

TheLocal.fr

As energy prices are set to rise in France, many people are considering alternatives such as wood and pellet burning stoves and fireplaces.

Louvre and Versailles museums turn off lights early to save electricity

[davidwiik](#) 23 hours ago

The “sensitive zones” of Paris and Ile-de-France have some specific rules that apply differently than the rest of France. You can see the list of “sensitive zones” in Ile de France [Under “Annex 1” of this Interregional Plan for Air Quality Protection](#).

<https://www.thelocal.com/20220917/louvre-versailles-to-turn-off-lights-earlier-in-energy-savings-push/> Louvre and Versailles museums turn off lights early to save electricity

Greece

[Energy Bills Push Greeks to Wood-Burning Stoves, Solar Systems - The National Herald](#)

The National Herald

Internet searches on the shopping site Skrutz in Greece found that in the first 10 days of September that wood-burning stove hunts were up 318 ...

**Nigeria in Africa**

**India in Asia**

India

[Stamp out farm fires, urgently - Hindustan Times](#)

Hindustan Times

An HT analysis last year found that roughly a quarter of the lung-damaging PM 2.5 particles suspended in the air around Diwali were sourced to ...

['Air pollution and climate change actions should be connected to reduce impact on people's health'](#)

Down To Earth

Central Pollution Control Board website has a lot of data, especially on suspended particulate matter (PM) 2.5 and other key pollutants.

[POLLUTION](#)

‘Air pollution and climate change actions should be connected to reduce impact on people’s health’

Part 2: Health Effects Institute researcher Pallavi Pant speaks about air pollution and its health impact

[Estimating PM 2.5 from PM 10 Measurements - Defra LAQM Support](#)

Defra LAQM Support

Estimation of PM2.5 data from PM10 data should only be used to give an indication of PM fractions where only one of the two metrics is available, ...

East Asia

[Saying no to pollution: inspiring actions in people's fight for clean air | Mirage News](#)

Mirage News

The revised guidelines stipulated the average annual PM2.5 concentration – fine particulate matter smaller than 2.5 millionths of a meter – to not ...

[Delhi, Punjab join hands to curb stubble burning, experts say air pollution works like slow poison](#)

News9live

Over 99 per cent of India's population is breathing air that exceeds the World Health Organization's health-based guidelines with respect to PM 2.5.

<https://www.news9live.com/health/health-conditions/delhi-punjab-join-hands-to-curb-stubble-burning-expert-says-air-pollution-works-like-slow-poison-196517?infinitemscroll=1>

[Lung Cancer Affects Non smokers Too Research Details Inside - India.com](#)

India.com

Particulate matter (PM) present in the air is no less than poison for the human lungs. According to scientists, PM 2.5 particles can cause cancer.

### Research Papers and Technology

[Pollution and depression: staying mentally healthy amidst an inversion - UVU REVIEW](#)

UVU Review

PM2.5, which stands for “particulate matter” [measures] up to 2.5 micron in size.” For comparison, a single strand of hair is approximately 50 microns ...

[The Karakorum: Pakistan's climate change frontline - AirQualityNews](#)

Air Quality News

Editor Chloe Coules explores why people choose to burn wood in their ... Feature: The psychology of woodburning: Why we do it and how to stop.

...

### The Future