

June 3 & 4, 2022 RAWSEP news paraphrased

Australia

[Burn Right Tonight and reduce smoke impacts on Canberra's air quality | ACT Greens](#)

Australia, Canberra. To protect both the community's health and the environment, Canberrans are being reminded on the best ways to use their wood heaters with the ...

RAWSEP View: Canberra is offering “Incentives range from \$250 to remove your wood heater to \$1,250 to remove your wood heater and install a ducted electric reverse-cycle system.”

[Why burning wood in a fire pit is illegal in South Australia | The Advertiser](#) South Australia, Adelaide. SA

laws: **Burning wood** in a fire pit is illegal. As another cold snap hits Adelaide this weekend, authorities have warned of a little-known rule ...

RAWSEP: Burning wood in a fire pit is illegal in South Australia.

Bangladesh

[Prothom Alo's Rozina Islam gets courageous journalism award](#) Bangladesh, Dhaka. According to the report, the presence of **PM-2.5**, a particulate in the air of Dhaka, is almost five times more than the standard (15 micrograms). And ...

['Save Buriganga at all costs' | The Daily Star](#) CAPS Founding Director Prof Ahmad Kamruzzaman Majumder, in his keynote paper, said the study found overall annual average **PM 2.5** to be 77 micrograms ...

[Over 90,000 deaths in Bangladesh caused by indoor air pollution in 2019 | The Daily Star](#) Bangladesh. Particulate matter (**PM**) **2.5** is a lung-damaging tiny particle. According to WHO, the safe limit of **PM 2.5** is 15 micrograms per cubic metre for outdoor ...

RAWSEP View: PM 2.5 is an air pollution problem in Bangladesh. Over 90,000 deaths in Bangladesh were caused by indoor air pollution (PM 2.5) in 2019.

California

[San Diego Moves to Ban Wood or Charcoal fires, Grills, and Stoves at City Beaches](#) California, San Diego & La Jolla.

Supporters of the proposed changes say that it would mitigate concerns with lingering embers on the beach and reduce clouds of smoke billowing from ...

RAWSEP View: City beaches could soon have cleaner air, after proposed changes are enacted in San Diego and La Jolla, California. It is unlikely wood is being burned for needed heat on beaches in Southern California.

[Fire destroys garage on city's south side | The Humboldt Independent](#) California, Humboldt. “I

was burning some wood for baseboards in the garage, ... so there will be smoke damage to the main floor of the house and the basement,” ...

RAWSEP View: The owner of the house was burning some wood for baseboards, which seems unnecessary.

Cardiology & Climate

[New 'climate cardiology' specialty needed to - EurekAlert!](#) .. the healthcare sector is responsible for nearly 4.5% of emissions, as well as nearly 3% of fine particulate matter air pollution (PM2.5).

RAWSEP View: This article states that clean cooking stoves are needed because “Burning coal or biomass for cooking or heating indoors releases considerable greenhouse gases and was responsible for over 1 million cardiovascular deaths in 2019.”

Canada

[Municipality launches 10th year of annual Home Fire Safety Program](#) Canada, Alberta, Thickwood Regional

Municipality of Wood Buffalo Residents in two areas of Thickwood are eligible to receive free smoke and carbon monoxide alarms. (Fort McMurray, AB – June 1, ...

RAWSEP View: Residents are given free smoke alarms in Alberta, Canada.

Colorado

[Burn ban lifted in Colorado Springs as restrictions are enacted - KKTV](#) Colorado, Colorado Springs. No permits will be issued for Bonfires during **Burn** Restrictions. RECREATIONAL FIRES OUTDOOR COOKING Outdoor BBQ grills that are fueled by **wood**, ...

RAWSEP View: A Colorado burn ban is replaced with restrictions on burning wood on outdoor grills and on burning wood for recreational fires.

[Bear Dance Fire breaks out on Southern Ute Reservation | The Pagosa Springs SUN](#) Colorado, Pagosa Springs. Smoke will be visible to the local communities. ... please go to: <https://www.colorado.gov/pacific/cdphe/wood-smoke-and-health> Drones.

RAWSEP View: Health drones are being used to detect wood smoke in Pagosa Springs, Colorado. The article says “Stage 1 fire restrictions were enacted for Southern Ute Indian Reservation on Friday, May 20, and will remain in effect until conditions improve.”

COVID & PM 2.5

[Exposure to Air Pollution Linked to Increased COVID-19 Severity - Docwire News](#)

One-year fine particulate matter (PM2.5) and one-month nitrogen dioxide (NO2) exposure are associated with increased COVID-19 severity, ...

[Exposure to Air Pollution Linked to Increased COVID-19 Severity - Consumer Health News](#) WEDNESDAY, June 1, 2022 (HealthDay News) -- One-year fine particulate matter (PM2.5) and one-month nitrogen dioxide (NO2) exposure are associated ...

RAWSEP View: Another study shows that exposure to PM 2.5 contributes to more severe COVID 19.

Denmark

[Air Pollution and Illness: It's Not Just the Lungs and Heart Anymore | MedPage Today](#)

Denmark, COPENHAGEN -- Exposure to small particulate matter, of the sort in ... smaller than 2.5 microns (PM2.5) averaged 20 µg/m³ over long periods, ...

RAWSEP View: This Denmark article about an Italian Study, refers to particulates smaller than PM 10, and says that PM 10 contributes to increased rates of immune-mediated diseases such as rheumatoid arthritis. PM 10 is larger than PM 2.5, so it is not clear if this also applies to PM 2.5.

Georgia, U.S.

[How European energy policy could affect Georgia business — and trees - The Current GA](#)

The Current GA

As Europe takes a hard look at the environmental cost of burning wood pellets, a Georgia industry hangs in the balance.

RAWSEP View: The European Union’s decision to stop calling wood burning “carbon neutral” but call it carbon emissions, will affect the wood pellet industry in the United States.

Heart Rhythm Disorder and PM 2.5

[Air pollution linked to heart rhythm disorder - LabOnline](#) The researchers found a significant association between **PM2.5** levels ... “Particulate matter may cause acute inflammation of the heart muscle, ...

RAWSEP View: Residential wood smoke is 90% PM 2.5. Heart rhythm disorder can be added to the growing list of diseases linked to PM 2.5, which is the size of particulate matter in 90% of smoke generated by residential home wood burning.

India

[Delhi Air Quality Poisonous again, Worst AQI - India Herald](#) India, Dehli. Particle pollution (PM matter, such as PM 2.5 and PM 10). 3. Carbon Monoxide. 4. Sulfur Dioxide. 5. Nitrogen Dioxide ...

[Proposals for installation of e-vehicle charging stations in Ludhiana hang fire](#) India, Ludhiana. Air Quality Standards (NAAQS) for harmful PM 10 (particulate matter that is 10 microns or less in diameter), **PM 2.5** or NO₂ (nitrogen dioxide). [Leaving is Not an Option! 6 Things Delhi Residents Must do Now to Fight Pollution](#) India. BS-VI has more stringent emission reductions in **PM 2.5**, sulphur, and NO_x compared to BS-IV. More importantly, the BS-VI standards emphasise the ...

RAWSEP View: PM 2.5 from residential wood burning contributes to the air pollution in India.

Maine

[Maine plan for wood-fired power plants draws praise and skepticism - Energy News Network](#) Not everyone is convinced of the environmental wisdom of wood-fired combined heat and power, however. Burning wood produces more carbon dioxide per ...

RAWSEP View: Wood burning emissions from a wood-fired power plant are counterproductive to slowing climate change. Wood burning emissions also are 90% PM 2.5, which is the perfect size to infiltrate the human lung, causing a cascade of health problems.

Nevada

[Fire officials ban open burning across entire Tahoe basin, declare 2022 fire season | KRXI](#) As of June 1, open and recreational burning will be banned in the ... ban on the outdoor burning of wood and charcoal...our firefighters have been ...

RAWSEP View: As of June 1, 2022, open and recreational burning will be banned in Tahoe basin, Nevada.

North Carolina

[Europe may decide to limit the use of US trees for energy. Here's what that means in NC](#) North Carolina. Burning wood pellets emits more carbon than coal. And climate researchers say we also should include carbon emissions from the whole wood pellet ...

RAWSEP View: The European Union's decision to stop calling wood burning "carbon neutral" but call it carbon emissions, will affect the wood pellet industry in the United States.

Pennsylvania

[No Threat To Health After Philly Junkyard Fire: Health Officials | Philadelphia, PA Patch](#) Pennsylvania, Philadelphia.

Particulate matter 2.5, or **PM 2.5**, refers to tiny particles or droplets in the air that are two and one half microns or less in width. Particles in ...

RAWSEP View: PM 2.5 was generated during the junkyard fire.

Stroke Mortality Higher and PM 2.5

[Air Pollution Particle Size Tied to Higher Stroke Mortality - Medscape](#)... fine particulate matter that is <2.5 μm in diameter (**PM_{2.5}**), such as fly ash from coal combustion; and respirable particulate matter that is ...

RAWSEP View: This article mentions soot and smog as some sources of PM 2.5. This soot and smog could be produced by residential wood burning which is 90% PM 2.5 size.

Texas

[Hotel Indigo fired up over smoke allegedly from Thompson Hotel - San Antonio Express-News](#) Texas, San Antonio. No restaurant is identified by name in the complaint. However, Landrace, a restaurant located in the 20-story Thompson, operates a wood-burning grill.

RAWSEP View: A hotel views smoke as undesirable for its business, and the hotel complained.

Virginia

[JUST IN: Smoke coming from roof of Matchbox in Pentagon City | ARLnow](#) Virginia, Arlington. Firefighters from Arlington, Alexandria and elsewhere are on scene at wood-fired pizza eatery Matchbox, at 1100 S. Hayes Street, trying to find the ...

RAWSEP View: When there's smoke from a wood-fired pizza eatery, sometimes there is fire that needs firefighters to put out. There are clean ways to bake pizza, such as electric stoves, or cleaner ways to bake pizza, such as natural gas, which produces thousands of times less particulate matter (PM 2.5) than wood burning.

U.K., England

[Corrections and clarifications | | The Guardian](#) U.K. England. Corrections and clarifications | | The Guardian Home wood burning in UK causes almost £1bn health costs a year, report says · Shropshire records 3.8-magnitude earthquake.

RAWSEP View: This information was retweeted on Twitter. Home wood burning in UK causes £1bn of health-related costs a year - report - the air pollution causes 54% of all harm from home heating, but provides only 11% of heat, says public health group @EPHA_EU Story by me <https://t.co/WE6yqiHnTw> 13 April 2022 / Source: [@EPHA_EU](#)

[Glastonbury announces huge burning memorial sculpture - NME](#) U.K., England, Glastonbury. It's a 40ft high sculpture of a Lotus flower, constructed with salvaged **wood** and canvas in The Park. During the festival, people will be encouraged to ...

RAWSEP View: There is no need to build a sculpture of wood and canvas, write names of people who died in lockdown on it, and then set it on fire. It is easier to destroy than to create. It is easier to burn than to build. It is harder to find a practical solution than to be part of a problem of air pollution. In research studies, it is shown PM 2.5 from home wood burning exacerbates symptoms of COVID 19.

Washington, U.S. State

[Washington Department of Labor & Industries Implements New Emergency Heat, Wildfire ...](#) Washington State. ... temperature and air quality to protect outdoor workers from heat and **smoke** hazards. ... slate, asphalt, aluminum, **wood**, or related materials.

RAWSEP View: This summer, employers in Washington State will be required to “monitor (...) air quality to protect outdoor workers from heat and smoke hazards. Employers will need to track these details from June 15 through the end of September.” RAWSEP View: The air quality of indoor workers (working from home) whose residences are infiltrated by wood smoke will not be monitored.

W.H.O.

[Pollution: Study links bad air quality to heart rhythm disorder - Medical News Today](#)

The average annual concentration of particulate matter (PM) 2.5 in Piacenza was listed as 20.8 µg/m³. The World Health Organization considers a level ...

RAWSEP View: Residential wood smoke is 90% PM 2.5. Heart rhythm disorder can be added to the growing list of diseases linked to PM 2.5, which is the size of particulate matter in 90% of smoke generated by residential home wood burning.