

Episode 56SQ April 3, 2024. Urge Congress to oppose Smoggy Skies Act, which tries to erase lower 9 PM2.5 limit.

In Episode 56SQ 1A)April 3, 2024 email from the American Lung Association. 1A1)Enviva Bankruptcy. 1B)Vermont, Morrisville. Vermont farm family's outdated wood boiler fuels heated legal battle. 1C)Canada, Newfoundland. Renovating a Second Home in Newfoundland Without Road Access - The New York Times It had even been the subject of news stories focused on worries that the houses might be torn down. Image The living room, with a black wood-burning. 1D)United Kingdom, Scotland. New homes ban direct emission heating systems in Scotland Scottish Housing News. It doesn't make a credible policy to ban wood burners under emissions but to then allow hydrogen boilers which do emit emissions. RAWSEP View: Use Heat Pumps with no emissions instead of natural gas furnaces, and of course use Heat Pumps instead of wood burning for home heating. RAWSEP believes the author is referring to CO2 emissions alone. Yes, hydrogen burning emits some CO2. But wood burning emits 450 times the PM2.5 as when burning fossil fuels such as hydrogen, Wood burning emits 90% PM2.5, particulate matter of 2.5 micrometer size, the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths. PM2.5 also hastens climate change. 1E)Denmark, Copenhagen. Municipalities hesitate with unpopular ban on wood-burning stoves - The Copenhagen Post Despite decades of evidence for the carcinogenic effects of using wood-burning stoves, they remain the only non-taxable form of energy in the. 1F)Japan. Evil Does Not Exist: powerful Japanese eco-drama about one community's fight against The Conversation. Think teepees with proper beds, wood-burning stoves, toilets and more. This might seem innocuous – the company name Playmode certainly is trying to. 1G)Africa, Ghana. Scientists design fish smoking oven technology that pollutes less | Ghana News Agency Dr Atter, who is also a Co-Project lead, said women spent a minimum of six hours every day engulfed by the smoke emanating from their basic wood-fired. Scientists design fish smoking oven technology that pollutes less | Ghana News Agency burning, dizziness and irritation of the eye during operation. Already wood-fired mud ovens. “The dimension of the combustion chamber and the. 2)World. Wildfires in our world in data. 3)World. Wood burning market. 4)Alabama, Mobile. 5)Alaska, Fairbanks. Large differences detected in air pollution among Fairbanks neighborhoods Fairbanks Daily News-Miner. Sight lets us note the hazy air layers that can develop over town and even let us see plumes of wood-burning or vehicle exhaust that just seem to sit. 6)Arizona. Maricopa County. 7)California, Los Angeles, Lomita apartment fire. 8)Florida, Tallahassee. 9)Illinois, Danville. Danville Fire Dept. responds to third house fire Thursday evening - Yahoo No one was reported to be hurt and an estimate on damage cost was unavailable. Wood-burning stove sets Decatur home ablaze. Earlier in the day. 10)Iowa, Fort Dodge. Attic fire ravages Fort Dodge home - Fort Dodge firefighters work at the scene of a house fire at 1441 17th St. S.W. Sunday afternoon. The cause of the fire was traced to a wood burning (stove). When firefighters arrived, smoke and flames were coming from the attic and roof of the house. 11)Michigan, Menominee County. Police Log | News, The tree ended up burning off of the line and the remaining fire was put out. The fire was thought to have started from an outdoor wood burner. 12)New York, New York City. Compare Italians in Po Valley facing PM2.5 pollution and Italians in New York City facing PM2.5 pollution from pizza store wood burning. 13)New York. Brush burning leads to fires in Thompson, Deerpark | The River Reporter Officers Christopher Doroski, Glen Parker, Ricky Wood, and Michael Buckley issued tickets to multiple New Yorkers for illegally burning brush. 14)Oregon, Klamath Falls. 15)Pennsylvania, Lancaster. Officials: No injuries following fire at Manheim Township High School - WGAL According to the Manheim Township deputy fire chief, the fire started in the wood shop, when smoke from the sawdust collection system outside spilled. 16)Texas. Unmasking the sky: high-resolution PM 2.5 prediction in Texas using machine learning techniques Nature. Although PM2.5 (fine particulate matter with an aerodynamic diameter less than 2.5 µm) is an air pollutant of great concern in Texas, 17)Texas, Richmond. Richmond wood debris pile fire 75% contained as crews battle for 3rd day, official says ABC13 RICHMOND, Texas (KTRK) -- Crews from 14 different agencies have 75% containment on a fire burning a Richmond mulching site Monday evening, 18)Washington, Kennewick. 19)Canada, British Columbia. PM2.5 and Aethalometer model. Source apportionment of black carbon using an advanced Aethalometer model in a typical ScienceDirect.com Although PM2.5 pollution in Zibo has decreased in recent years, there is a lack of studies on BC concentration and source in PM2.5. 20)Canada, Ontario. Forest fire season begins in Ontario. 21)Australia, Kinglake residents are concerned about planned burns. 22)United Kingdom, Hull. 'Arson' investigation after 'large amount of wood and rubbish' involved in fire. 23)Finland and Thailand. 24)India. 25)Thailand. 26)PM2.5 and human health. Alzheimer's Disease, Autism, cattle, cloud water, COVID 19, gout, influenza, shortened lifespan, unhappiness, and prenatal health risks (2 different studies). 1A)April 3, 2024 email from the American Lung Association. TakeAction@a.lung.org Hello Residents Against Wood Smoke Emission Particulates, [Congress is considering a bill that would permanently weaken the Clean Air Act. We need your help to oppose it.](#) Under the Clean Air Act, air pollution standards are based on health science. This misguided bill will permanently threaten the role of health as the basis for the U.S. Environmental

Protection Agency (EPA) setting air pollution limits. The bill would even weaken the new, stronger limits on particulate matter pollution that EPA just finalized – despite the fact that nearly 80% of voters across party lines support stricter standards for particle pollution. [Tell your members of Congress to oppose the Smoggy Skies Act](#). Thank you. The American Lung Association. RAWSEP's editor also would like you to mention the harmful levels of PM2.5 in the yards and infiltration the homes of near neighbors from indoor residential wood burning in your appeal to your senator and congressperson. In February 2024 a new 9 microgram per cubic meter annual “safe” limit for PM2.5 was set by the Environmental Protection Agency (EPA). This Smoggy Skies bills is aimed at erasing this new safe PM2.5 limit. Arizona. Legislation to overturn EPA new lower annual PM2.5 safe limit of 9 micrograms per cubic meter. [Beware, Arizona: 2024 election mischief is already afoot - AZCentral](#). They claim that EPA's proposal to lower standards for microscopic particulate matter (known as PM 2.5). 1A1) United States and European Union. Enviva Wood Pellet Plant Bankruptcy. [Enviva bankruptcy fallout ripples through biomass industry, U.S. and EU - Mongabay](#) Imported wood pellets waiting to be burned at Drax, a former coal burning wood-burning facilities and which is also an expanding wood pellets. 1A1)RAWSEP View: A key statement in this article about Enviva's bankruptcy is that “a host of [scientific studies](#) offer convincing evidence that burning forest biomass is not a climate solution, and produces rather than reduces heat-trapping greenhouse gas emissions. Like all wood burning, biomass burning emits 450 times the PM2.5 as the fossil fuel natural gas burning. Wood burning emits 2.8 times the CO2 and PM2.5 as the fossil fuel coal burning. RAWSEP is a forest (living tree) advocate, an environmentalist organization (not working for the forest services (also known as forestry) industry which sells wood pellets to the Biomass industry). RAWSEP is foremost an advocate for the near neighbors of indoor residential wood burners, whose wood smoke enters the near neighbor's yards and sickens the near neighbors. Meanwhile, in yet another financial blow to Enviva, the company appears to have lost one of its biggest customers in Europe, RWE. The Germany-based energy company has long been an Enviva trading partner, importing some 2.5 million tons of pellets annually primarily underwritten by billions in subsidies from the Netherlands to be burned in Dutch facilities. Because of unfulfilled contracts and the declining value of pellets on the open market, RWE has canceled its long-term agreements with Enviva and is [demanding damages](#) of more than \$370 million. Enviva is reportedly refusing to pay. Drax is a major buyer of Enviva pellets for its energy plant in North Yorkshire, England. While Drax isn't commenting, the company is organizing a U.S. headquarters in Texas. Forest advocates believe it, like Enviva, will seek U.S. tax support to underwrite its Deep South expansion. [Enviva bankruptcy fallout ripples through biomass industry, U.S. and EU. April 2, 2024 Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization](#). In March, Enviva, the world's largest woody biomass producer for industrial energy, declared bankruptcy. Enviva and the forestry industry appear now to be lobbying the Biden administration, hoping to tap into millions in renewable energy credits under the Inflation Reduction Act — a move environmentalists are resisting. In March, federal officials made a fact-finding trip to an Enviva facility and local communities who say the firm is a major polluter. Meanwhile, some EU nations are scrambling to find new sources of wood pellets to meet their sustainable energy pledges under the Paris agreement. The UK's Drax, an Enviva pellet user (and also a major pellet producer), is positioning itself to greatly increase its pellet production in the U.S. South and maybe benefit from IRA subsidies. The [bankruptcy filing](#) in March by Maryland-based Enviva — the world's largest maker of wood pellets from forest biomass — is rattling a European Union that relies heavily on biomass as a significant though contested renewable energy source. The bankruptcy is also invigorating U.S. forest advocates determined to keep the Biden Administration from using new renewable energy credits to bail out the flailing company. On March 21, officials from five federal agencies visited North and South Carolina to see an Enviva pellet-making plant firsthand and hear environmental justice complaints over the impacts it is having on low-income communities. the company faces immediate threats to its ongoing viability that transcend its \$2.6 billion debt and negative community impacts, according to a [former maintenance manager](#) at two Enviva pellet-making plants in North Carolina and Virginia between 2020 and 2022. As many as eight of Enviva's 10 pellet mills in the U.S. Southeast, he said, are producing fewer pellets monthly at a much higher cost due to maintenance issues. “There's no way Enviva is coming out of Chapter 11,” the former employee said. In its March 13 bankruptcy filing, the company said it shipped 5 million metric tons of pellets overseas in 2023. That's down from 6.2 million metric tons shipped in 2022, a 19.3% decrease at a time when demand for wood pellets in Europe and Asia was [increasing](#). Also, in its last quarterly filing with the US Securities and Exchange Commission [in November](#), Enviva wrote that \$21.1 million of its \$85.2 million in third quarter losses, or 25%, was attributed to “asset impairments,” damaged equipment and machinery. Enviva's collapse has been fast and profound. In April 2022, the public company's share price peaked at \$87 a share. It is now trading at under 50 cents a share and the company is valued at just \$34 million. a [class action investor lawsuit](#) against Enviva is advancing in Maryland district court. Forest advocates are feeling vindicated: “Years of polluting communities has finally caught up to Enviva,” said Danna Smith, executive director of Dogwood Alliance, a North Carolina-based NGO. “millions of taxpayer dollars have been wasted. Our government must not give one more dime to this failing, dirty industry.” But that potential exists. Under President Biden's Inflation Reduction Act (IRA), billions in tax credits and subsidies are available to producers of clean energy, like wind and solar energy companies. Millions are also available for [forest industry](#) innovations. Wood pellets enjoy that [renewable-energy designation](#) in the EU and United

Kingdom, which provide billions in subsidies for pellets which are claimed to produce zero carbon emissions. However, a host of [scientific studies](#) offer evidence that burning forest biomass is not a climate solution, and produces rather than reduces heat-trapping greenhouse gas emissions. Studies show that wood pellets actually emit more carbon dioxide per unit of energy than burning coal. According to environmental groups, Enviva is seeking subsidies under the IRA from the Department of Energy and Treasury Department to help pay for its new plant in Alabama and restart construction in Mississippi. U.S. Representative [Alma Adams](#), a North Carolina Democrat, does not want to see that happen. a North Carolina Democrat, she was one of six members of Congress who wrote to the Biden administration in January arguing that extensive scientific evidence concludes that burning forest biomass for energy is not a legitimate climate solution, so should not qualify for renewable energy tax credits or subsidies. Adams was among six members of Congress who wrote to Energy Secretary Jennifer Granholm and Internal Revenue Service Commissioner Daniel Werfel in January [emphasizing the science](#) that discredits the climate-friendly claims of biomass energy advocates. The letter called for the rejection of all applications for industry tax credits. Biomass, though, has plenty of congressional allies, especially in forested states such as Maine, Alaska and the Pacific Northwest. The EPA — which has long deflected pressure to designate biomass as renewable or climate friendly — is currently [producing a study](#) to determine the environmental and social impact of the wood pellet industry in the U.S. See the Map showing current and proposed wood pellet plants exporting to Europe. For a large scale printable version of this map, go [here](#). Bankruptcy's overseas impact; Drax lurking. Enviva's bankruptcy is also being felt throughout the EU and UK, which receives the bulk of the company's overseas exports. Officials there rely on burning biomass to claim alleged emission reductions against their Paris Agreement pledges; given a renewable energy designation, biomass smokestack emissions are not counted. Burning wood currently makes up 60% of the EU's renewable energy mix — though the emission cuts claimed for wood exist only on paper not in reality, say environmental analysts. With Enviva's dramatic drop in production, countries such as the Netherlands, Denmark and the United Kingdom, which depend heavily on Enviva pellets, are now facing uncertain supplies. "This bankruptcy is very damaging to the entire biomass industry and the governments that depend on biomass," Fenna Swart, a forest advocate with the Clean Air Committee in the Netherlands, said. EU forest advocates are renewing their lobbying of policymakers, urging them to turn away from wood pellets, but Swart confirmed that no nation has indicated any intention to do so. Questions also abound now about UK-based Drax, which operates [one of the world's largest](#) wood-burning facilities and which is also an expanding wood pellets producer. It has manufacturing plants in the U.S. Southeast and [British Columbia](#), and is pursuing plans for two new plants in [central California](#) against growing opposition. With so much volatility in the biomass industry today, questions are mounting faster than answers. Can Enviva survive? Can Drax expand quickly enough in the U.S. to fill a potential 5-million-ton pellet gap and maintain UK [subsidies](#)? Will [Russian wood pellets](#) (banned due to its war with Ukraine), find their way back into the EU? Will the U.S. embrace biomass energy and subsidies like its overseas allies? And will the industry continue to grow, contributing significantly to climate change, or will it, like Enviva, implode?

1B)Vermont, Morrisville. [Vermont farm family's outdated wood boiler fuels heated legal battle - WCAX](#) Eleven years ago, a. MORRISVILLE, Vt. (WCAX) **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization.** In 2013 their wood boiler wasn't up to code. Today, it's still burning. in 2013 neighbors complained about smoke coming from an outdoor hydronic heater or OHH.. Since the 1990s, Vermont passed OHH regulations to limit emissions. a federal regulation requires a switch to phase two OHHs, for cleaner emissions. Vermont "In 2023, revived the change-out, offering \$10,000. (the owners) refuse." they make court dates at nine AM. If the state seizes the property, (the owner) says he'll move to New Hampshire or Maine. he's frustrated with the dying dairy industry. (the owner's) case is before the Superior Court.

1C)RAWSEP View: Zoning should prohibit landowners from planning and building homes with no access to clean heating sources, with the intention of burning highly polluting wood instead, and then justifying the pollution by saying there was no access to even delivery of the cleaner burning propane heat. Canada, Newfoundland. [Renovating a Second Home in Newfoundland Without Road Access - The New York Times](#) It had even been the subject of news stories focused on worries that the houses might be torn down. Image The living room, with a black wood-burning. Even with such basic material choices and compromises, the construction cost more than Ms. Heaps expected. By the time the work was complete in May 2023, it had ballooned to about 1 million Canadian dollars (\$735,000) — quadruple the initial estimate.

1D)RAWSEP hopes that this ban on direct heat emission systems in new Scottish homes extends to a ban on the direct heat emission system of wood burning, which is much more polluting than burning oil or gas (wood burning emits 450 times the PM2.5 as natural gas burning). United Kingdom, Scotland. [Dan Gates: New homes ban direct emission heating systems in Scotland](#) Scottish Housing News. It doesn't make a credible policy to ban wood burners under emissions but to then allow hydrogen boilers which do emit emissions. New homes will have a ban direct emission heating systems (oil & gas) in Scotland from 1 April 2024. The Scottish Government have used the New Build Heat Standard (NBHS) to ban the installation of 'direct emission' systems for heating for new build homes and other buildings in Scotland. RAWSEP View: Use Heat Pumps with no emissions instead of natural gas furnaces, and of course use Heat Pumps instead of wood burning for home heating. RAWSEP believes the author is referring to CO2 emissions alone. Yes, hydrogen burning emits some CO2. But wood burning emits 450 times the PM2.5 as when burning fossil fuels such as hydrogen, Wood burning emits 90% PM2.5, particulate matter of 2.5 micrometer size, the perfect

size to infiltrate the human lung, setting off a cascade of human health problems and early deaths. PM2.5 also hastens climate change. 1E)RAWSEP Veiw: Where is the concern in Denmark for the cancer and asthma caused by indoor residential wood burning? Denmark, Copenhagen. [Municipalities hesitate with unpopular ban on wood-burning stoves - The Copenhagen Post](#) Despite decades of evidence for the carcinogenic effects of using wood-burning stoves, they remain the only non-taxable form of energy in the. 1F)Japan. [Evil Does Not Exist: powerful Japanese eco-drama about one community's fight against](#) The Conversation. Think tepees with proper beds, wood-burning stoves, toilets and more. This might seem innocuous – the company name Playmode certainly is. **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization** Glamping is generally an expensive affair mostly for middle-class professional types who want to camp but in comfort – a sort of encounter with nature but with all the trappings of the modern world. Think tepees with proper beds, wood-burning stoves, toilets and more. 1G)Africa, Ghana. [Scientists design fish smoking oven technology that pollutes less | Ghana News Agency](#) Dr Atter, who is also a Co-Project lead, said women spent a minimum of six hours every day engulfed by the smoke emanating from their basic wood-fired. [Scientists design fish smoking oven technology that pollutes less | Ghana News Agency](#) burning, dizziness and irritation of the eye during operation. Already wood-fired mud ovens. “The dimension of the combustion chamber and the. 2)World. Wildfires in our world in data. [Wildfires - Our World in Data](#) One major pollutant of concern is called PM2.5. This is fine particulate matter with a diameter of less than 2.5 micrometers. These very small. 3)World. Wood burning market. [Global Wood Heating Stoves Market Size To Exceed USD 16.8 Billion By 2033 | CAGR of 7.3% | Yahoo Finance](#). It's an excellent and efficient way to heat. Residential demand for wood-burning stoves is growing as people become more aware of their advantages. 4)Alabama, Mobile. [Rapier Avenue Residential Fire - City of Mobile](#) Units arrived on scene to find smoke and flames visible from the rear of a historic, two-story, wood-frame residence in the 200 block of Rapier Avenue. 5)Alaska, Fairbanks. [Large differences detected in air pollution among Fairbanks neighborhoods](#) Fairbanks Daily News-Miner. Sight lets us note the hazy air layers that can develop over town and even let us see plumes of wood-burning or vehicle exhaust that just seem to sit. 6)Arizona, Maricopa County. [Air Quality | Maricopa County, AZ](#) Wood Burning. Leaf Blowing. Off-Road Vehicles. Tomorrow. There are no restrictions in effect at this time, including wood burning restrictions. 7)California, Los Angeles, Lomita apartment fire. [Massive fire breaks out at Lomita apartment complex, drawing large emergency response](#) Daily Breeze. TV news broadcasts showed enormous flames stretching into the sky as the fire burned through the building. Wood-burning ban in effect Monday for. [Massive fire breaks out at Lomita apartment complex, drawing large emergency response](#) Press Telegram. TV news broadcasts showed enormous flames stretching into the sky as the fire burned through the building. Crime and Public Safety | - Wood-burning. California, Yuba City. [Happening Now - April 2024 - YubaNet](#) It is illegal to burn painted or treated wood, plywood, plastic or anything other than natural vegetation from the property where you are burning. 8)Florida, Tallahassee. [SEE NOW: One of Tallahassee's historic buildings no longer stands due to a large fire - WTXL](#) What you see on your screen is damaged wood, charcoal, and smoke... that's because the famed Gramling's building burned down in an overnight fire. 9)Illinois, Danville. [Danville Fire Dept. responds to third house fire Thursday evening - Yahoo](#) No one was reported to be hurt and an estimate on damage cost was unavailable. Wood-burning stove sets Decatur home ablaze. Earlier in the day. 10)Iowa, Fort Dodge. [Attic fire ravages Fort Dodge home - Messenger News](#) Fort Dodge firefighters work at the scene of a house fire at 1441 17th St. S.W. Sunday afternoon. The cause of the fire was traced to a wood burning (stove). When firefighters arrived, smoke and flames were coming from the attic and roof of the house. 11)Michigan, Menominee County. [Police Log | News, Sports, Jobs - Daily Press](#) The tree ended up burning off of the line and the remaining fire was put out. The fire was thought to have started from an outdoor wood burner. 12)New York, New York City. Compare Italians in Po Valley facing PM2.5 pollution and Italians in New York City facing PM2.5 pollution from pizza store wood burning. [It's ethnic discrimination to force NYC pizzerias, matzah-makers to comply with 'green' edict: new bill](#) New York Post. It's ethnic discrimination to force Big Apple pizzerias and matzah-makers to cut the smoky pollutants from their wood- and coal-fired ovens, [Measure to Reduce Emissions in NYC Pizzerias Is “Ethnic Discrimination”: Bill](#) La Voce di New York. Pirozzolo's “Preserving Our Culinary Traditions Act” would exclude burning wood, coal, natural gas, propane, or other fuels from environmental. [Bill would exempt NYC pizzerias from new emissions standards that start this month](#) CBS News burning of wood, coal, natural gas, propane and other fuels used to Records show about 100 restaurants use coal or wood-burning ovens in the city. [It's ethnic discrimination to force NYC pizzerias, matzah-makers to comply with 'green' - AOL.com](#) ,” said state Assemblyman Sam Pirozzolo (R-SI). "But we're going after wood-burning pizza? It's misguided. Let's get our priorities straight." Italy, Po Valley. PM2.5 pollution. [Po Valley: Air pollution is causing serious health risks for more than 16 million Italians](#) Euronews.com Major cities such as Milan in Lombardy and Turin in Piedmont suffer heavy pollutants from traffic and indoor heating from wood burning, as well as. Italy, Po Valley. PM2.5 pollution. [Po Valley: Air pollution is causing serious health risks for more than 16 million Italians](#) Euronews.com Major cities such as Milan in Lombardy and Turin in Piedmont suffer heavy pollutants from traffic and indoor heating from wood burning, as well as.13)New York. [Brush burning leads to fires in Thompson, Deerpark | The River Reporter](#) Officers Christopher Doroski, Glen Parker, Ricky Wood, and Michael Buckley issued tickets to multiple New Yorkers for illegally burning brush. 14)Oregon, Klamath Falls. [Klamath Falls pile burning period opens Apr. 6 - YouTube](#) play this video. Learn more · Open App. Klamath Falls pile

burning period opens Apr. 6. [Klamath County Public Health announces window to burn waste | Top Stories | kdrv.com](#) Only residential yard waste can be burned. That means no rubber, tar, petroleum products, or treated wood. Burn Barrels are prohibited. If wind. 15)Pennsylvania, Lancaster. [Officials: No injuries following fire at Manheim Township High School - WGAL](#) According to the Manheim Township deputy fire chief, the fire started in the wood shop, when smoke from the sawdust collection system outside spilled. 16)Texas. [Unmasking the sky: high-resolution PM 2.5 prediction in Texas using machine learning techniques](#) Nature. Although PM2.5 (fine particulate matter with an aerodynamic diameter less than 2.5 μm) is an air pollutant of great concern in Texas, 17)Texas, Richmond. [Richmond wood debris pile fire 75% contained as crews battle for 3rd day, official says](#) ABC13 RICHMOND, Texas (KTRK) -- Crews from 14 different agencies have 75% containment on a fire burning a Richmond mulching site Monday evening, 18)Washington, Kennewick. [What can be burned on a burn day | News | nbcrightnow.com](#) According to the Agency, it's illegal to burn trash in any area. If you live in an urban growth area, you can only burn wood. Those who live. 19)Canada, British Columbia. PM2.5 and Aethalometer model. [Source apportionment of black carbon using an advanced Aethalometer model in a typical](#) ScienceDirect.com Although PM2.5 pollution in Zibo has decreased in recent years, there is a lack of studies on BC concentration and source in PM2.5. 20)Canada, Ontario. [Forest fire season begins in Ontario - NWONewsWatch.com](#) Northwest Ontario News. Any outdoor burning is only allowed under rules laid down in provincial and municipal regulations People planning to burn piled wood, wood by. 21)Australia, Kinglake. [Kinglake residents are concerned about planned burns | Ferntree Gully Star Mail](#) "It'll also create a smoke problem for the community and smoke is very dangerous. A lot of people don't realise how dangerous wood smoke is." KFF. 22)United Kingdom, Hull. ['Arson' investigation after 'large amount of wood and rubbish' involved in fire that brought - Hull Live](#) The blaze in a derelict building in Spencer Street occurred at about 2.30pm, when large plumes of smoke could be seen billowing into the sky. 23)Finland and Thailand. ['Finland's expertise in circular economy can help Thailand' - Finnish Minister](#) Thai PBS World. As Thailand desperately seeks solutions for PM 2.5 pollution and the rising amount of garbage, Finland has offered its expertise in the circular. 24)India. [IREDA Sets New Record : Achieves Highest Ever Loan Sanctions And Disbursements](#) Indian PSU PM 2.5 In Winters Of · Varanasi, The Only City Met National Standards For PM 2.5 In Winters Of 2023 And 2024. April 2, 2024. India, Guwahati. [Had media turned pollutant to misreport Guwahati? - The Statesman](#) The PCBA hereby clarifies that there is no need to panic as the air pollution level (PM 2.5 concentration) in Guwahati is absolutely under control of. 25)Thailand. [Introducing Asthma Smart Kiosk for Lung Disease Management - Nation Thailand](#) Respiratory diseases, exacerbated by air pollution, particularly PM 2.5 particulate matter, pose a significant public health challenge. Startling. Thailand. [AEON Thailand Foundation supports a renovation of pocket park at the Priest - RYT9](#) The Suanmai hom garden helps mitigate pollution caused by PM 2.5 dust particles as well. Latest General News. 12:02 AEON Thailand Foundation. 26)PM2.5 and human health. Alzheimer's Disease, Autism, cattle, cloud water, COVID 19, gout, influenza, shortened lifespan, unhappiness, and prenatal health risks (2 different studies). PM2.5 and Alzheimer's Disease. [Pro-life Overreach Into the Unethical - The Animal Doctor - UExpress](#) particulate matter (PM 2.5). (See Christensen GM. et al. Association of PM 2.5 Exposure and Alzheimer Disease Pathology in Brain Bank Donors. PM2.5 and autism. [Exploring the Association Between Early-Life Air Pollution Exposure and Autism Spectrum](#) ScienceDirect.com particulate matter (PM10 and PM2.5) on individuals diagnosed with ASD. The findings demonstrate a moderate association between exposure to. PM2.5 and cattle. [the effects of wildfire-PM2.5 exposure on standing and lying behavior in Holstein heifer calves](#) ScienceDirect.com. Wildfires are burning more acres annually, contributing to air pollution across the US Air pollutants, such as particulate matter (PM2.5), PM2.5 and cloud water. [Comparison of acidity and chemical composition of summertime cloud water and aerosol at](#) ScienceDirect.com In this study, cloud water and PM2.5 samples were simultaneously collected in the troposphere (Mt. Hua, 2060 m a.s.l). The results indicated that the. PM2.5 and Covid 19. [Effects of long-term exposure to outdoor air pollution on COVID-19 incidence](#) ScienceDirect.com This is particularly relevant for particulate matter (PM) with diameter <10 μm (PM10) and <2.5 μm (PM2.5), as they may have different compositions. PM2.5 and gout genetic risk. [Association between combined exposure to ambient air pollutants, genetic risk, and incident gout risk](#) ScienceDirect.com This study aims to assess the individual and combined effects of prolonged exposure to five air pollutants (PM2.5) on the. PM2.5 and influenza. [Air pollution leads to rise in cases of respiratory infections like influenza. What are - WION](#) Particulate matter (PM), especially PM 2.5 is of more concern. We all know that breathing in clean, fresh air is important for good health and. burning wood/ stubble burning. Soot, dust, smoke, are just a few examples of. PM2.5 and lifespan and happiness decreased. [Exposure to common environmental carcinogens decreases lifespan happiness, study finds](#) Medical Express. PM2.5 represents the value in 2020. Credit: Environmental Research (2024). DOI: 10.1016/j.envres.2024.118637. If improving your outlook on life. PM2.5 and prenatal health. [Prenatal air pollution exposure is associated with increased cardiovascular, and](#) ScienceDirect.com Pregnancy and trimester 1-averaged concentrations of particulate matter $\leq 2.5 \mu\text{m}$ and $\leq 10 \mu\text{m}$ in diameter (PM2.5 and PM10), nitrogen dioxide (NO2), and. PM2.5 and psychosocial factors in early life. [Joint effects of prenatal exposure to indoor air pollution and psychosocial factors on early life](#) ScienceDirect.com investigated effect modification of the association between prenatal fine particulate matter (PM2.5) exposure and inflammatory markers in cord blood.