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Abstract

Biomedical Waste Management and Its Importance: A Systematic Review

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Himani S. Bansod, temperature in the mid-1900s. Beyond this change in

temperature lies significant threats to human health in the form of natural disasters and extreme temperatures. One

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natural disaster that has been receiving much more attention as of 2010 is the ignition and spread of
Cite this article as: Rossiello M R, Szema A (May 28, 2019) Health Effects of Climate Change-induced Wildfires and
wildfires. Warmer climates lead to drier conditions, providing ideal kindling for the rapid spread of these
Heatwaves. Cureus 18(5): e4771. doi:10.7759/cureus.4771 infernos. The dangers that these intense fires pose are twofold: first, the fire causes mass property damage, physical harm, or death to the people unfortunate enough to be caught in the blaze; second, the health hazards of smoke inhalation and the emotional strain of losing one's possessions cause immense physical and emotional harm to the fire's victims. Another health hazard that is becoming more common due to global warming is heatwave exposure. The heat provides an ideal environment for certain pathogens to thrive, increases people's risk of developing temperature-related health conditions, and could exacerbate many preexisting diseases. The increase in frequency and intensity of these extreme weather conditions calls for devotion of resources to fire prevention and public health measures related to smoke inhalation and heat exposure.

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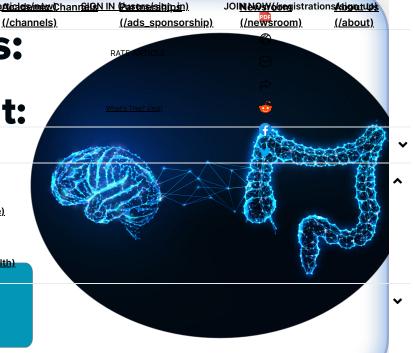
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Popular Related 1991;196590 meters and were episodic, with surges in warm years and relatively little activity in cool years. Also,

they discovered the existence of a strong association of wildfire activity with changes in spring snowmelt timing, ent Safety Incidents and the Second Victim Phenomenon Among Healthcare Providers in Al-Ahsa, Saudi Arabia

which is sensitive to temperature change. Within the period of study, 56% of wildfires and 72% of area burned in

S-a-study-on-patient-safety-incidents-and-the-second-yictim-phenomenon-mong-healthcare-providers-in-al-ahsa-saudi-arabia) Ola Mousa, Moha**rwild fizes, cognizee**d <u>in coarly, soo woodt sy ears, while ill to stavild fices, and 4% of area burined concident in later soo word less in al-ahsa-</u> saudi-arabia?authyssates 214-As temperatures rise earlier in the year, the soil dries out sooner and the flora become more flammable as

water from winter precipitation is extracted from them. An increase in global temperatures and a drier atmosphere (/articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-social-media-on-the-mental-leadif-of-articles/176889-the-limpact-of-articles/176889-the-

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The increase in frequency and duration of wildfires places a large financial burden on federal and state

Sudheer Kumar Muppalapati +2 more (/articles/1621/5-effects-or-excessive-screen-time-on-child-development-an-updated-review-and-strategies-for-management? authors-tab=true)governments. According to the National Interagency Fire Center, the U.S. Forest Service's annual suppression costs

have exceeded one billion dollars for 13 of the 18 years between 2000 and 2017 [3]. This is a significant increase in Biomedical Waste Management and Its Importance: A Systematic Review average annual costs from those between the years of 1985 and 1999, during which the total annual suppression costs (/articles/117274-biomedical-waste-management-and Himani S. Bansod, never pnce exceeded one billion dollars.

<u>View More -> (/articlesation g.) dadies at the only 2000 while suffering person soft nasan testification in these catastrophes take a</u> far greater toll on their victims, who often lose their entire livelihood, and sometimes their lives, in the blaze. In the course of just a few hours, people can lose their homes, businesses, pets, family heirlooms, and sentimental items that hold far more value to them than to insurance companies. Victims only recover approximately ten percent of their financial losses and are allotted a maximum of 2-2.5 years to complete their projects and close out their claims. This places an extra burden on them as they navigate a rebuilding process riddled with hurdles to overcome and permissions to obtain and ensure that their new home complies with updated building codes and regulations [4]. Although victimized communities make efforts to update infrastructure and safety regulations and use more flame-retardant materials, the fact remains that another wildfire could be ravaging through their region in the notso-distant future. Many of these victims must decide whether they want to cut their losses and leave or undergo the rebuilding process and the risks that come with it. Many of these victims are displaced from their homes during the rebuilding period, leading to congestion in neighboring communities, placing a large strain on their

resources. According to CAL FIRE, the Department of Forestry and Fire Protection in the state of California, 15 of the

Cure of Spring Modularing within the past five years [5]. This statistic is concerning, not only for the safety of the residents of



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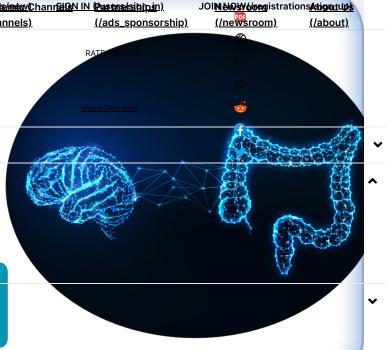
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medications by asthmatics and the lack of medication use by non-asthmatics. Other studies highlighted an

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Butte County for 17 days, before being one hundred percent contained by firefighters [9]. It was the most destructive

Effects of Excessifier in California's history, burning over 153,000 acres of land and inc</u>inerating nearly 19,000 structures. Eighty-six

(latticles/162175-dastbs/were reported and result of the blaze making the Camp Fire the deadliest wildfire in the state of

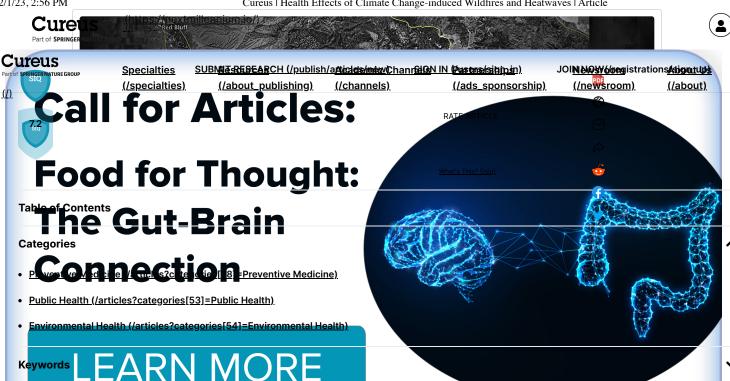
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authors-tab=true) California history [5]. One of the most affected communities was the town of Paradise, which was totally annihilated Biomedical Waste Wast

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saudi-arabia?auth@sctatring)simultaneously with the Camp Fire was the Woolsey Fire. This wildfire ignited on the site of the old Santa

Susana test lab near Simi Valley in Ventura County on November 8, 2018 [10]. The fire grew to be one of California's

Ine Impact of Social Media on the Mental Health of Adolescents and Young Adults: A Systematic Review
most destructive wildfires, incinerating nearly 97,000 acres of land and over 1,600 structures. The inferno also
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the flames - and a lack of containment resources. Rescue workers in Southern California had their hands full battling tab=true)

the nearby Hill Fire in Santa Rosa Valley, placing a strain on freeighting personnel and resources. The Los Angeles

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authors-tab=true) Angeles County, ravaging parts of Thousand Oaks and Malibu (Figure 2).

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Ola Mousa, Mohathed Skiega of the land and and and and are subjectively supported by the case of wildfires buildfires buildfires and the frequency of hospitalizations in the areas they affect. This is especially problematic when a

heatwave hits an area with a normally cool climate because the residents are not accustomed to the intense heat. A The Impact of Social Media on the Mental Health of Adolescents and Young Adults: A Systematic Review

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tab=true) mortality of 14,800 deaths. Additionally, people with preexisting, chronic conditions such as hypertension, heart

disease, diabetes, and obesity are more vulnerable to the heat and at risk of complications. Asthma patients were Effects of Excessive Screen Time on Child Development. An Updated Review and Strategies for Management (Introduced International Complete Com

A study examining heatwaves in California from 1999 to 2009 found that hospital admissions increased by seven Biomedical Waste Management and Its Importance: A Systematic Review percent on the Peak heat-wave day. These investigators observed a significant impact on cardiovascular disease, (/articles/112274-biomedical-waste-management-and-its-importance-a-systematic-review).

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In conclusion, wildfires are increasing in prevalence, largely as a result of climate change. Higher temperatures have dried vegetation to produce fuel and concurrent drying of groundwater accelerates combustion. Physicians should note the impact of global warming on human health with regard to fires and heatwaves so they can be attuned to relevant medical conditions and can proactively help their patients.

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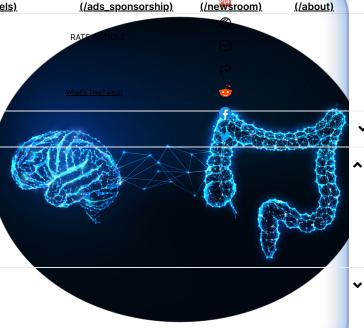
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