

TEMA 1.1

Antecedentes de la Calidad del Aire Interior

Orígenes de la atención a la “Calidad del Aire Interior”

Indoor Air 2004; 14 (Suppl 7): 51–58
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INDOOR AIR

On the history of indoor air quality and health

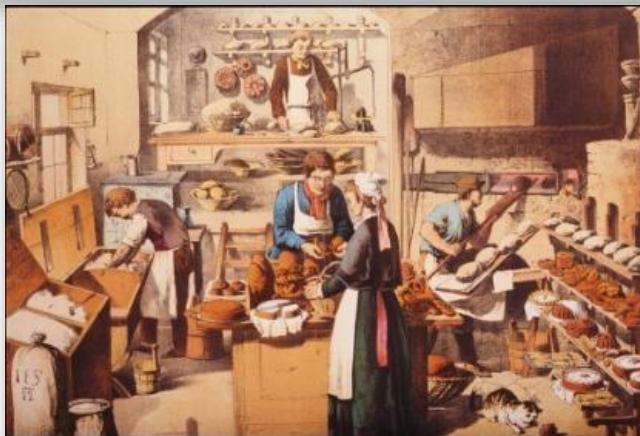
Abstract Indoor air is a dominant exposure for humans. More than half of the body's intake during a lifetime is air inhaled in the home. Thus, most illnesses related to environmental exposures stem from indoor air exposure. Indoor air was believed to be a major environmental factor for more than a hundred years, from the start of the hygienic revolution, around 1850, until outdoor environmental issues entered the scene, and became dominant around 1960. Main environmental issues today are outdoor air quality, energy use, and sustainable buildings, but not indoor air quality (IAQ). But, there is mounting evidence that exposure to IAQ is the cause of excessive morbidity and mortality. In developing regions indoor unvented burning of biomass for cooking is the cause of at least 2,000,000 deaths a year (mainly women and children), and in the developed world IAQ is a main cause of allergies, other hypersensitivity reactions, airway infections, and cancers. Cancer of the lungs is related to indoor radon and ETS exposure. Allergies, airway infections and sick building syndrome are associated with, e.g., "dampness", a low ventilation rate, and plasticizers. In the future more emphasis must be given to IAQ and health issues.

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Key words: IAQ; Health; Allergy; Indoor environments;
Dampness; Ventilation.

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- **1714 Gauger: Enfermedades por mala ventilación**
- **1960 Impacto del Radón**
- **1970 Impacto del Formaldehído**
- **1970 Síndrome de Edificio Enfermo**

Síndrome del edificio enfermo

- La OMS, en 1982, definió el “Sick Building Síndrome” o “Síndrome del Edificio Enfermo” (SEE)
- Afecta a los ocupantes con síntomas (estornudos, dolor de cabeza, otros) cuyo origen se desconoce.
- Los síntomas desaparecen al abandonar el edificio.
- La OMS estima que el síndrome afecta entre un 10% y un 30% de los ocupantes
- Afectaría a un 30% de los edificios modernos.



Video: ¿Cómo se origina el problema de la Calidad del Aire Interior?



Evolución de artículos sobre: “Indoor Air Quality”

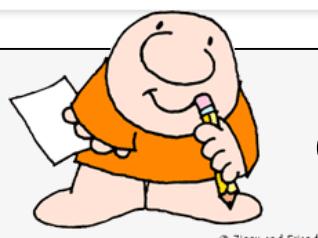
2015 (> 8 millones de artículos)

A screenshot of a Google search results page for the query "indoor air Quality". The search bar at the top contains the query. Below it, the "Web" tab is selected, along with other options like News, Images, Books, Shopping, More, and Search tools. The results section shows approximately 8,230,000 results found in 0.47 seconds. The first result is an advertisement for "Indoor Air Quality Meter - WolfSense.com", featuring a phone number and a link to their website. Below the ad, there's a snippet of text about IAQ meters and links to "Rentals", "IAQ Meters", "Toxic Gas", and "VOCs". A second result is a link to the Wikipedia article on Indoor air quality, accompanied by a small image of a person cleaning a duct. At the bottom of the results, there's a cartoon character holding a pencil and paper, with a "Feedback" link.

2020 (> 15 millones de artículos)

A screenshot of a Google search results page for the query "indoor air quality". The search bar at the top contains the query. Below it, the "Todo" tab is selected, along with other options like Imágenes, Noticias, Videos, Libros, and Herramientas. The results section shows approximately 15,200,000 results found in 0.49 seconds. The top result is a link to the EPA's "Introduction to Indoor Air Quality" page. Below it, there's a snippet of text from the same page and links to "Improving Indoor Air Quality", "Indoor Particulate Matter", and "IAQ by Building Type". To the right of the results, there's a sidebar titled "Preguntas relacionadas" (Related questions) with several dropdown menus containing questions like "What are the 4 major indoor air pollutants?", "How can I improve indoor air quality?", "What is meant by indoor air quality?", and "How can I check the air quality in my home?".

Casi 2 veces en 5 años



Evolución de artículos sobre : “Calidad del Aire Interior”

2015

(> 65,000 artículos)



Google "calidad de aire interior"

Web Images News Videos Shopping More Search tools

About 65,400 results (0.43 seconds)

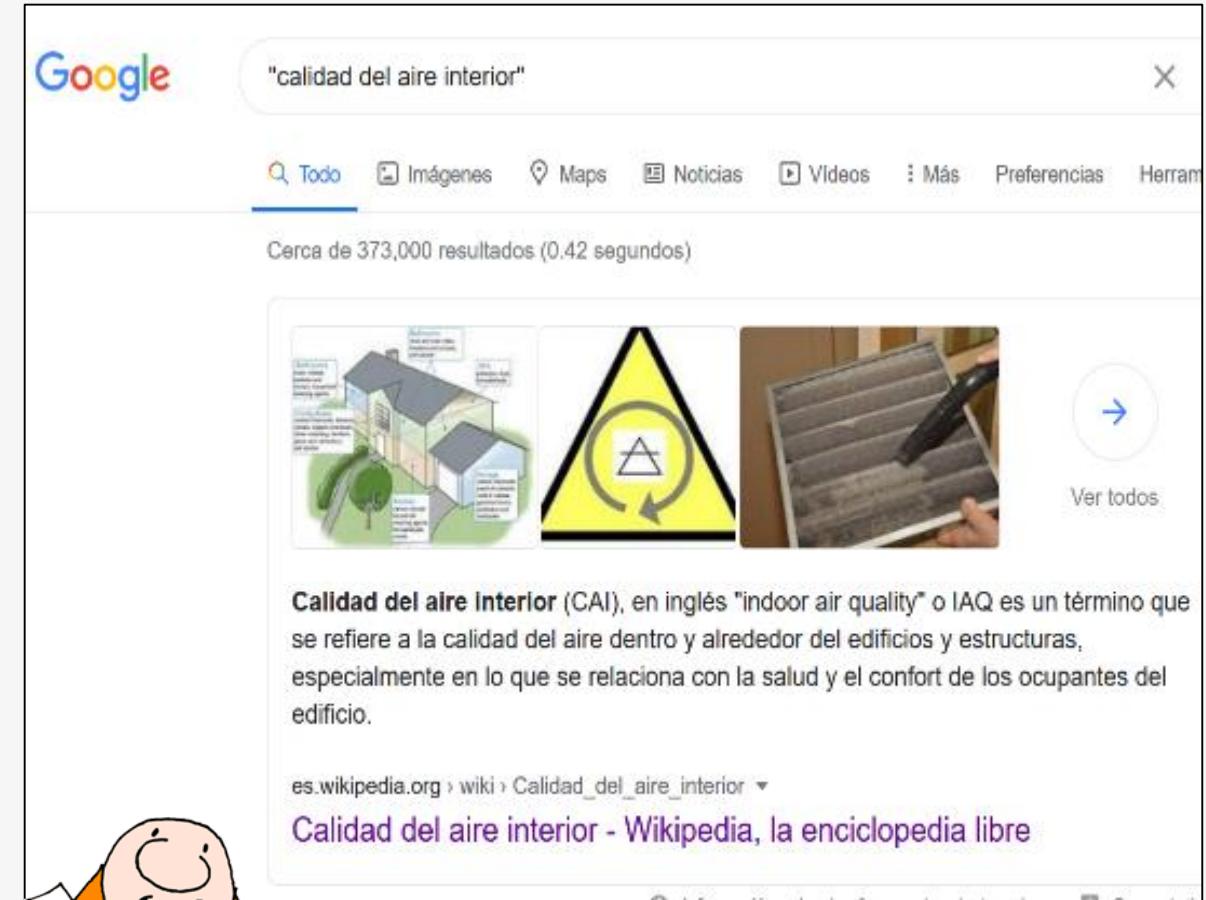
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... españolas realizan auditorías del aire interior, aunque aun solo un 6% disponen de un
sistema de gestión de calidad de aire interior certificado conforme a la ...
Los contaminantes comunes - Normativa - Ver además - Notas

2020

(> 373,000 artículos)



Google "calidad del aire interior"

Todo Imágenes Maps Noticias Videos Más Preferencias Herramientas

Cerca de 373,000 resultados (0.42 segundos)

[Ver todos.](#)

Calidad del aire Interior (CAI), en inglés "indoor air quality" o IAQ es un término que se refiere a la calidad del aire dentro y alrededor del edificios y estructuras, especialmente en lo que se relaciona con la salud y el confort de los ocupantes del edificio.

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Casi 6 veces en 5 años

