

Study finds peat wildfire smoke linked to heart failure risk

June 27 2011

An EPA study published online Monday in *Environmental Health Perspectives* finds that the 2008 peat bog wildfires in NC led to an increase in emergency room visits for respiratory and cardiovascular effects.

The study found a 37 percent increase in ER visits for people with symptoms of heart failure during a three day period of dense smoke exposure and the following five days.

Other findings include a 65 percent increase in visits for asthma, 73 percent increase in visits for COPD and 59 percent increase in visits for pneumonia and bronchitis.

This is the first study of its kind that has reported ER visits for [heart failure](#) symptoms associated with wildfire exposure. Keep in mind this is a peat bog fire, which is different in that it burns slowly and smoke often stays low to the ground.

Provided by U.S. Environmental Protection Agency

Citation: Study finds peat wildfire smoke linked to heart failure risk (2011, June 27) retrieved 9 January 2023 from <https://medicalxpress.com/news/2011-06-peat-wildfire-linked-heart-failure.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private

study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.