



Job: Books Conferences News About Us Home Journals Home > Journal > Earth & Environmental Sciences > JEP Open Special Issues Indexing View Papers Aims & Scope Editorial Board Guideline Article Processing Charges Published Special Issues JEP> Vol.2 No.2, April 2011 • Special Issues Guideline OPEN ACCESS JEP Subscription Correlation of Asthma Symptoms with Prevalence of Indoor NO2 Concentration in Kuwait Most popular papers in JEP PDF (Size: 179KB) PP. 186-193 DOI: 10.4236/jep.2011.22021 **About JEP News** Author(s) Fawaz S. Al-Anzi, Ayed A. Salman Frequently Asked Questions **ABSTRACT** The research literature provides strong evidence that characteristics of buildings and their indoor Recommend to Peers environments influence the prevalence of several adverse health effects. Kuwait is considered one of the countries with harshest weather conditions. It is estimated that Kuwaitis spend most of their times indoors. Recommend to Library Indoor environments quality should be taken seriously since indoor allergens and irritants can play a significant role in determining the health of households. In this research we propose to profile synergistic Contact Us interaction between morbidity differentials and air quality in Kuwait residential area. The objective of this project is to investigate the relation between indoors air quality and asthma symptoms. Data mining techniques are employed to discover the correlation between indoor air quality measures and asthma Downloads: 301,514 symptoms and trigger. The main trigger considered in this research is the concentration of nitrogen dioxide. Some other triggers investigated are dust mites, smoking and others. Visits: 673,718 **KEYWORDS** Asthma, Indoor Air Quality, Data mining, Correlation Sponsors, Associates, ai Links >> Cite this paper F. Al-Anzi and A. Salman, "Correlation of Asthma Symptoms with Prevalence of Indoor NO2 Concentration in • The International Conference o Kuwait," Journal of Environmental Protection, Vol. 2 No. 2, 2011, pp. 186-193. doi: 10.4236/jep.2011.22021. Pollution and Treatment References Technology (PTT 2013) H. H. Al-Jahdali, A. I. Al-Zahrani, S. T. Al-Otaibi, I. S. Hassan, M. S. Al-Moamary and A. S. Al-Duhaim, " Perception of the Role of Inhaled Corticosteroid and Factors Affecting Compliance among Asthmatic Adult Patients," Saudi Medical Journal, Vol. 28, No. 3, 2007, pp. 569-573. [2] Expert Panel Report 2, " Guidelines for the Diagnosis and Management of Asthma," NIH publication, Bethesda, 1997. [3] " Arizona Air Quality EPA Report," 2009. http://ag.arizona.edu/plp/alternaria/ online/asthma.htm, J. Wever-Hess, J. M. Kouwerberg, E. J. Diverman and A. M. J. Wever, "Risk Factors for Exacerbations [4] and Hospital Admissions in Asthma of Early Childhood," Pediatr Pulmonol, 2000, Vol. 29, No. 4, pp. 2250-256. K. Moussa, "Factors Associated with Asthma in School Children," European Journal of Epidemiology, [5]

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