

UNIVERSITY OF MACAU
FACULTY OF SCIENCE AND TECHNOLOGY
DEPARTMENT of CIVIL and ENVIRONMENTAL
ENGINEERING

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Air Pollution and Health Effects

By

Prof. Ana Isabel Miranda

Vice Director

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University of Aveiro

Date : 11/07/2013 (Thursday)

Time : 11:00 – 12:00

Venue : HG01

Abstract

Air pollution, both indoors and outdoors, is a major environmental health problem affecting everyone in developed and developing countries alike. The World Health Organization associates to air pollution approximately 3 million premature deaths worldwide per year. This seminar addresses the effects of air pollution on human health through a chain of events, which start with emissions to the air and ends with the health effect. The dispersion and chemical transformation of air pollutants, the human exposure and the inhaled dose are also part of this chain. Several examples covering different scales will be presented during the seminar.

About the Speaker

Professor Ana Isabel Miranda is the Vice Director of the Department of Environment and Planning of the University of Aveiro. She is a Full Professor of Environmental Engineering co-coordinating the research group on emissions,

modelling and climate change of the same university. Her group mainly works in the areas of air quality modelling, environmental impact assessment, forest fire studies, urban air quality, climate change, and health effects of air pollution. Professor Miranda is also the Local Director of the ERASMUS/MUNDUS Joint European Master in Environmental Studies in Portugal. She participated in 25 national and 20 European research projects with the scientific coordination of 4 and 2 of these projects, respectively. Her research work includes over 450 scientific and technical publications (53 ISI web of knowledge peer-reviewed scientific published papers).

ALL ARE WELCOME!