



will lead to unanticipated harm to human health and the environment, or to a wholesale rejection of emerging nanotechnologies. Coordinating and applying critical risk-based research is essential to ensuring the development of responsible, sustainable nanotechnologies, and removing these fears.

Tutorials: (examples):

- Health-Related Exposure Assessment of Nanoparticles, Dr. Rob Aitken, IOM, UK
- Investigating the Effects of Nanoparticles on the Environment, Prof. Vicki Stone, Napier University, UK
- Nanoparticle Dosimetry in the Lung, Dr. Winfried Moller, GSF, Germany

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6 Know your poison (Mumbai Newline India 14-Jan-2007) (EN)

by Anumeha Yadav

With monitors in Colaba, Dadar, Mulund, Khar, Andheri, Mahul and Dharavi, NEERI study to keep tabs on area-wise sources of air pollution

Mumbai, January 13: Whether it is the murky skyline that you get to see from your window or the respiratory ailment that refuses to go away, by the end of the year you will have access to accurate data to what poisons the air where you live and thus, be in a better position to fight it.

A source apportionment study to find out details of not just the load of pollutants in the air all across the city but that will zero in on the exact amount being contributed by different sources—vehicles, small industries, construction work in an area—has been initiated by the National Environment Engineering Research Institute (NEERI).

“The aim is to be able to have a detailed inventory for each source because unless that is done and all pollution sources examined and checked, steps like improvement in fuel quality prove inadequate,” said Rakesh Kumar, scientist and head NEERI, Mumbai.

(...)

So, a resident of Mohammed Ali Road will be able to know the exact pollution load the vehicles entering the area are bringing with them, a resident of Parel will be in a position to find out whether it is dug-up roads or the smoke from an old neighbourhood bakery that is to be blamed for the pollutants she is inhaling.

(...)

“We will use the findings to see how they are linked to respiratory health over the long term; that is something we do not realise because the effects of air pollution on our bodies often manifests after years,” said Dr Amitha Athavale of Environmental Pollution Research Centre at KEM Hospital.

Source: <http://cities.expressindia.com/fullstory.php?newsid=217510>

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UFIPOLNET = Ultrafine particle size distributions in air pollution monitoring networks

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