

**PRELIMINARY, FINDINGS OF THE ASIAN REGIONAL RESEARCH NETWORK IN AIR POLLUTION****N.T. Kim Oanh***Environmental Engineering and Management, Asian Institute of Technology, Bangkok, Thailand*

The presentation highlights the Asian Air Pollution Research Network (AIRPET), which involves six countries. The main focus of the network is on monitoring of PM and receptor modeling in six cities: Bangkok, Beijing, Bandung, Chennai, Hanoi and Manila. Detail discussion is provided on the results of 2 year monitoring for PM<sub>2.5</sub> and PM<sub>10</sub> at 6 sites in BMR. The PM size distribution (cascade impactor), ionic and element composition are presented. Source apportionment is made for all 6 sites by CMB8. Results of three receptor models, CMB8, COPREM and PMF, for one intensive monitoring site are compared. There is a certain seasonal change in the source apportionment. Nevertheless, traffic, biomass burning and secondary aerosol were found to be the main contributors for PM<sub>2.5</sub> while construction, soil dust and sea salt were the main contributors to the coarse fraction of particles (PM<sub>10-2.5</sub>) in BMR.