

## **Comparative Studies on the Concentration of Some Heavy Metal in Urban Particulate Matter, Bangkok, Thailand**

**Authors :** Sivapan Choo-In

**Abstract :** The main objective of this study was investigate particulate matter concentration on main and secondary roadside in urban area. And studied on the concentration of some heavy metal including lead (Pb), zinc (Zn), copper (Cu) and cadmium (Cd) in particulate matter in Bangkok area. The averaged particle concentration for main roadside are higher than secondary roadside. The particulate matter less than 10 micron concentration contribute the majority of the Total Suspended Particulate for main road and zinc concentration were higher than copper and lead for both site.

**Keywords :** air pollution, air quality, pollution, monitoring

**Conference Title :** ICEEB 2014 : International Conference on Ecology and Environmental Biology

**Conference Location :** London, United Kingdom

**Conference Dates :** January 20-21, 2014