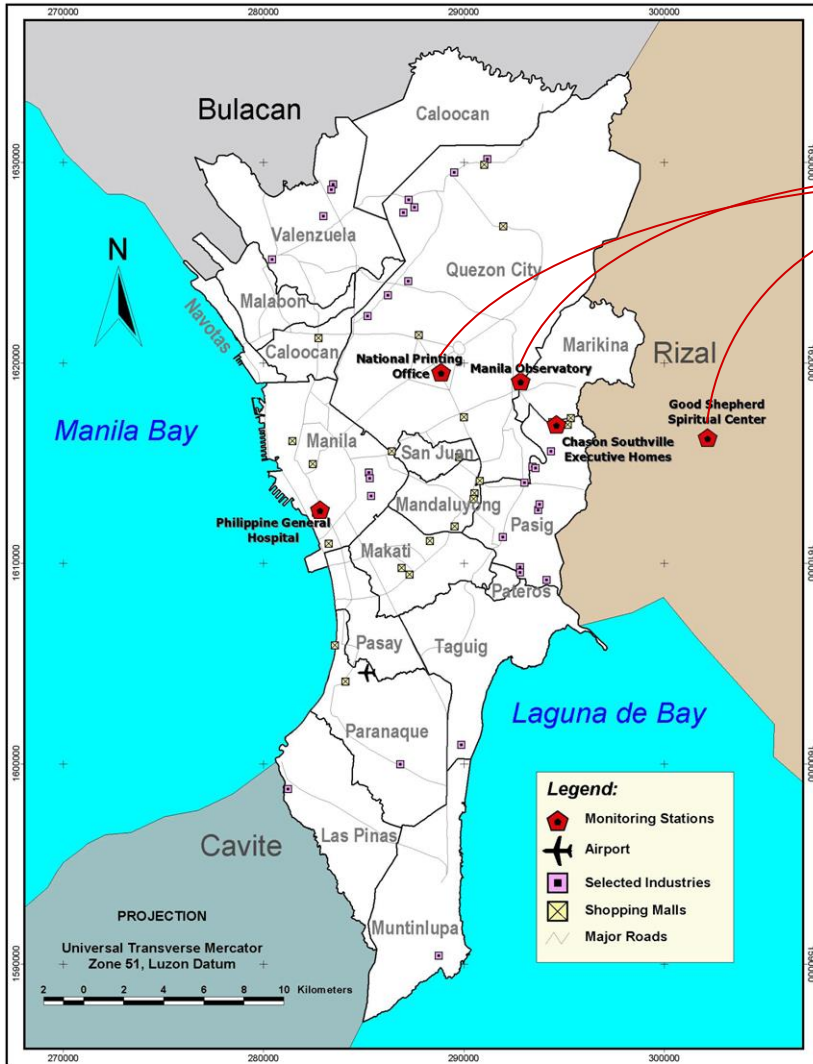




# Particulate Matter Monitoring and Modeling by the Manila Observatory

Melliza T. Cruz  
Air Quality Dynamics Program

# PM Monitoring & Modeling by the Manila Observatory



*Mixed site    Traffic Site*

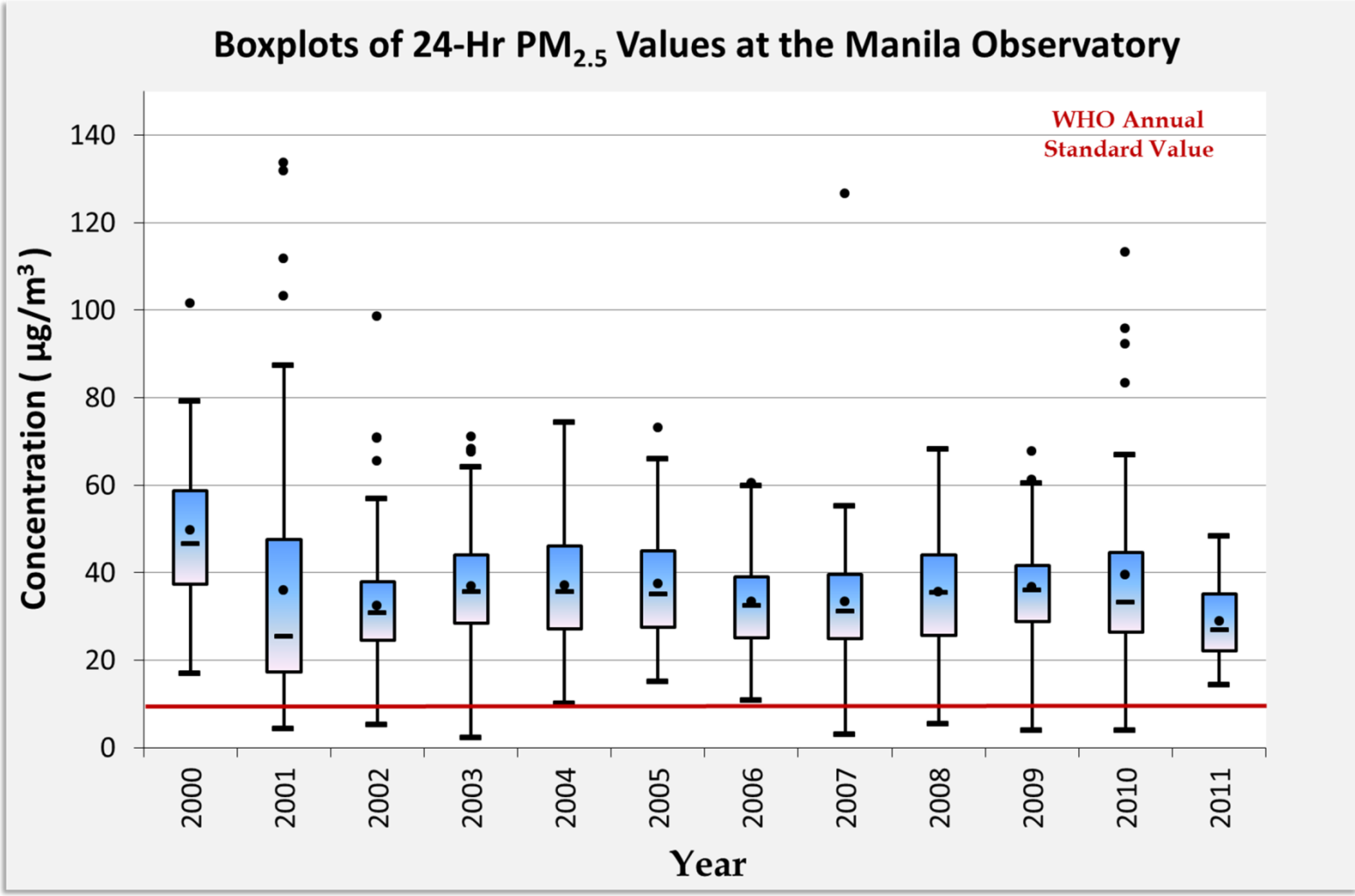
Manila Observatory  
Spatio Temporal Distribution of  
Fine Particulate Matter



Asian Institute of Technology    Swedish International Development Cooperation Agency    Manila Observatory

Source:  
NAMRIA for Provincial, City and Municipal Boundaries

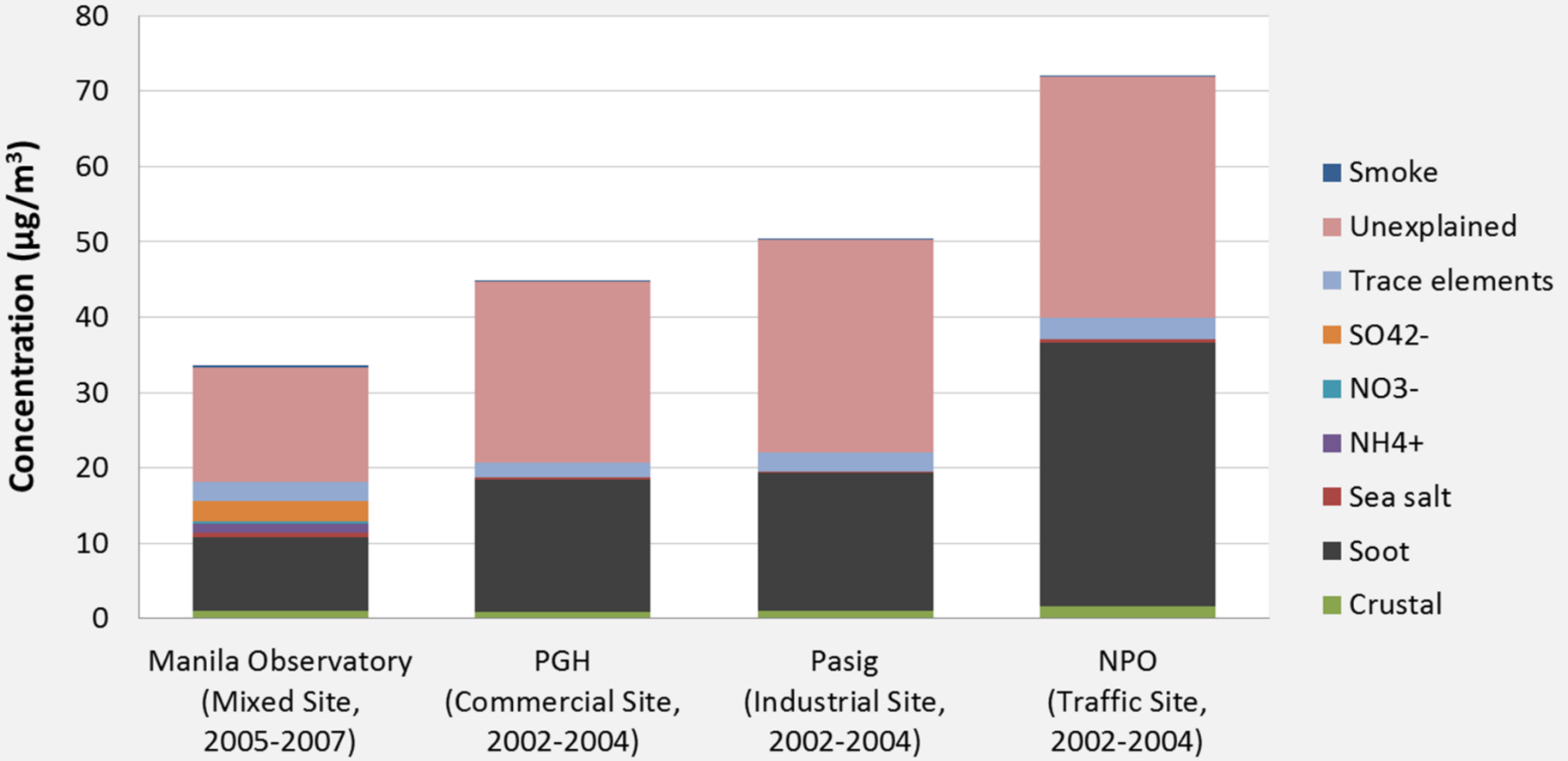
# PM Monitoring & Modeling by the Manila Observatory



# PM Monitoring & Modeling by the Manila Observatory



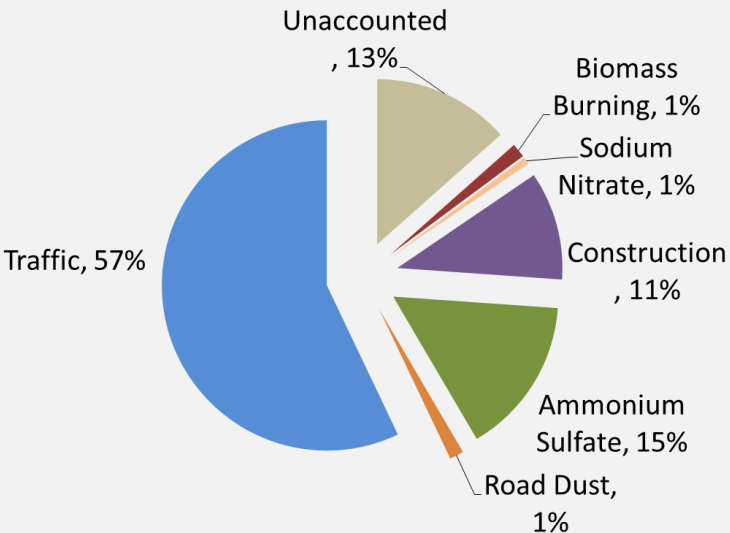
### Reconstructed Mass of PM<sub>2.5</sub> Samples from 4 Metro Manila Sites



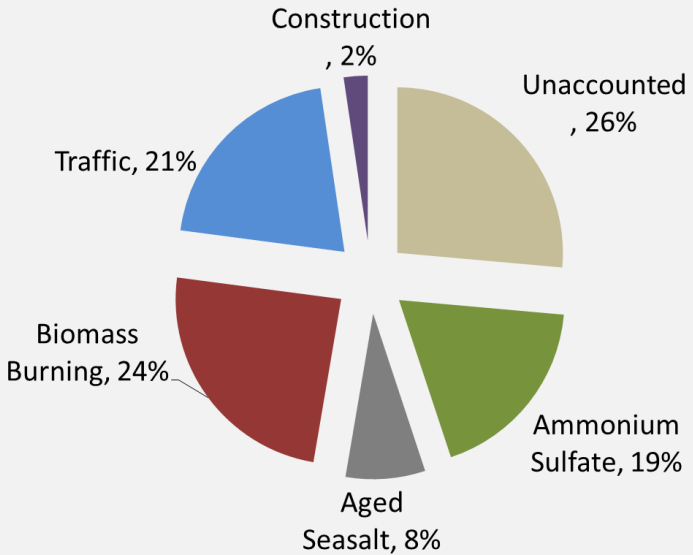
# PM Monitoring & Modeling by the Manila Observatory



### PMF Results (Manila Observatory) PM<sub>2.5</sub>, Dry Season



### PMF Results (Manila Observatory) PM<sub>2.5</sub>, Wet Season





Thank you.