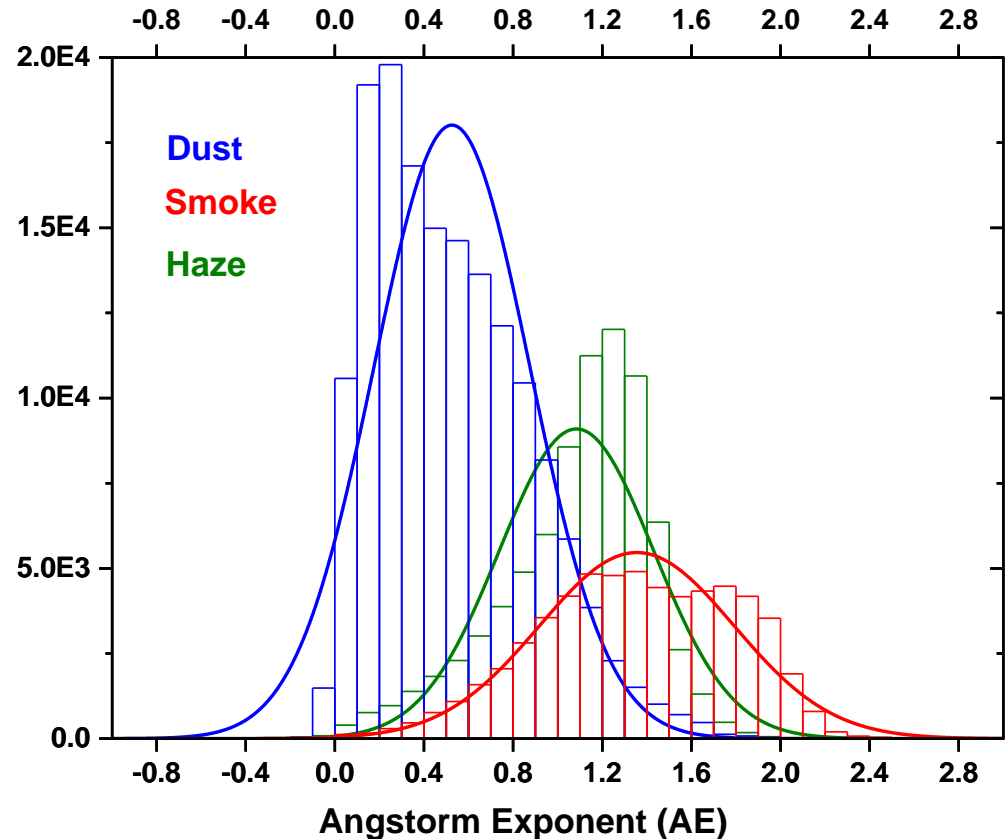
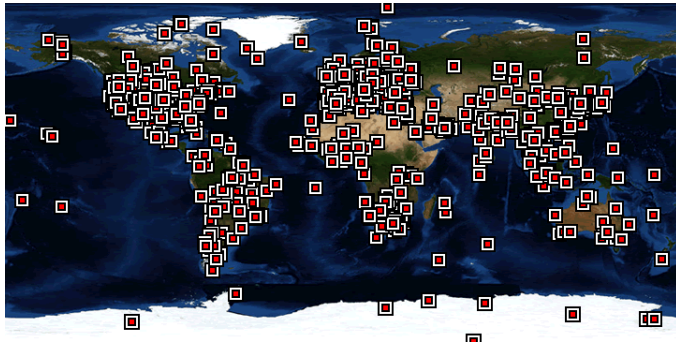


**Stefan, Champion says  
Danke Dir**





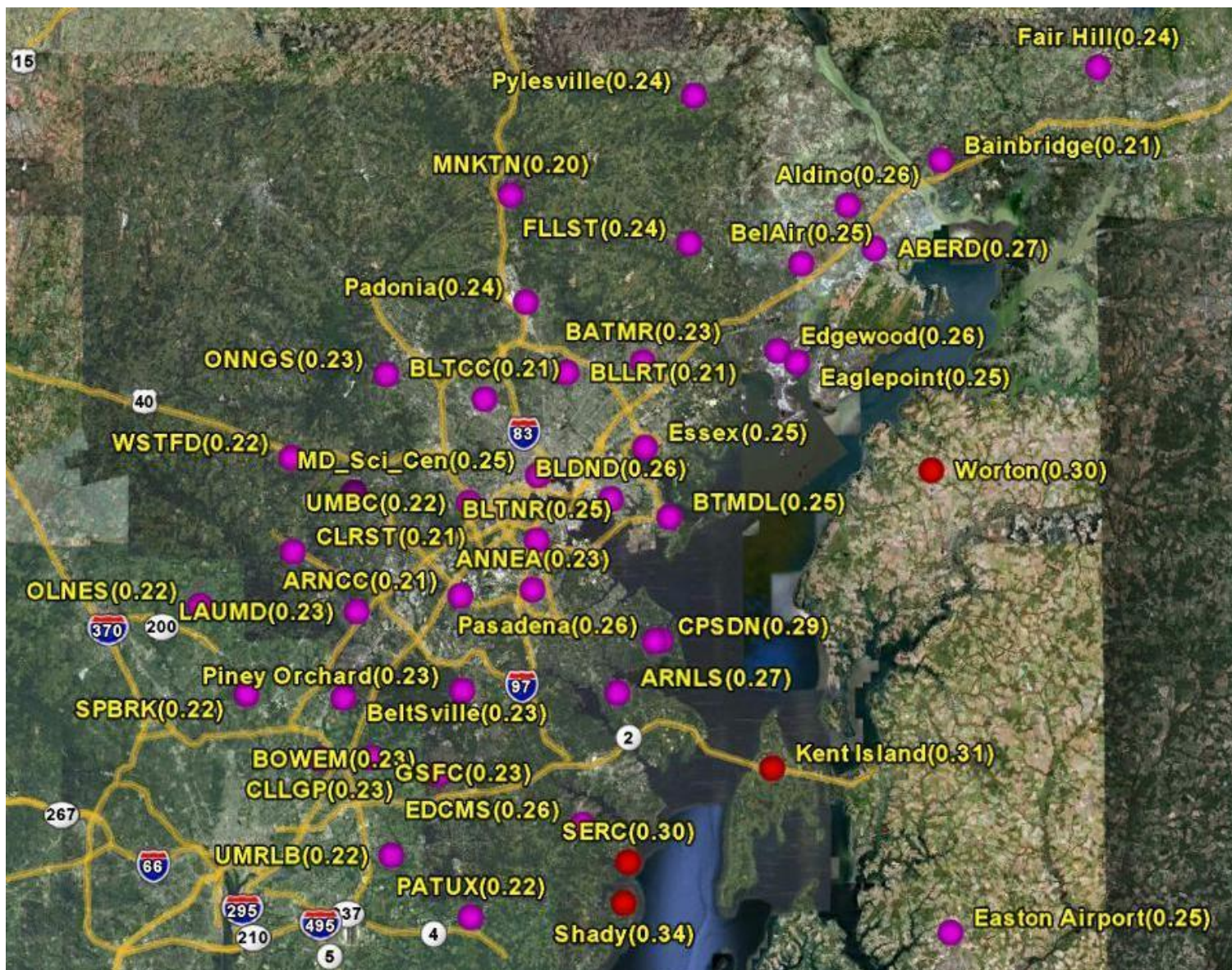
**AERONET Smoke:** AOD > 0.2 and Angstrom Exponent > 1.0

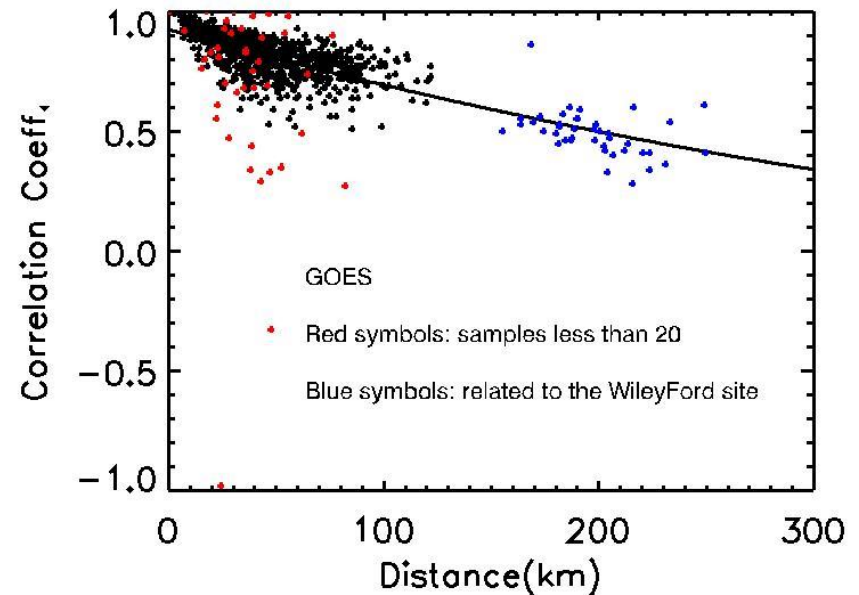
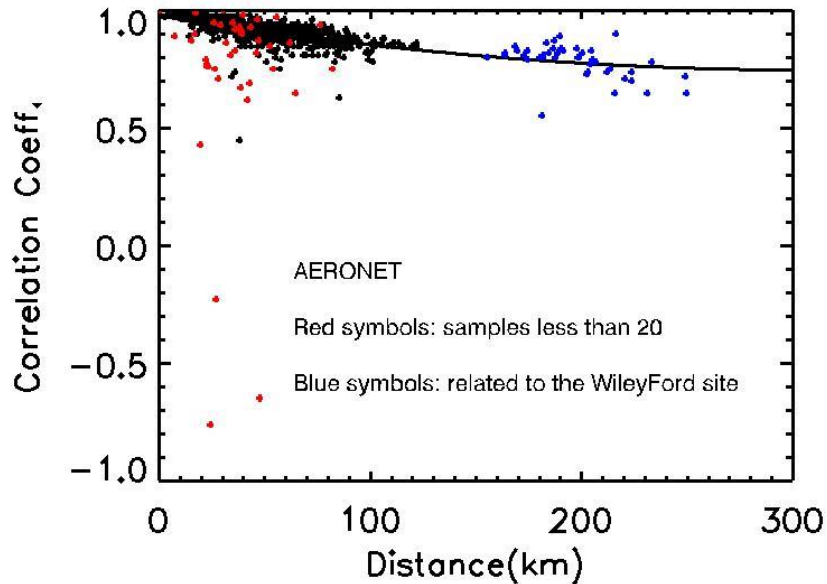
**AERONET Dust:** AOD > 0.2 and Angstrom Exponent < 0.5

AERONET and VIIRS within  $\pm 30$  min

VIIRS > 750 pixels within 27.5 km radius of AERONET

# DRAGON during DISCOVER-AQ in 2011





## Findings based on June-July AOD Data

- (1) All stations except Wiley Ford (blue dots) located within ~ 100 km.
- (2) Poor correlation when sample size is small (red color).
- (3) DRAGON network showing high station to station correlation compared to GOES
- (4) Results indicate that urban station (Baltimore) has similar AOD as sub-urban stations