

**Using cellphones as ground truth for global scale
black carbon, air pollution, and greenhouse gas
measurements by satellite.**



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Photo Credit: Adam
Ferguson



Credit: Adam
Ferguson

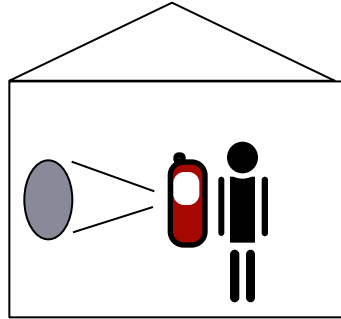


Stove distribution organized by I Rehman, A Kar,
and staff at TERI, India





Collecting evidence of black carbon emissions.



Filter images



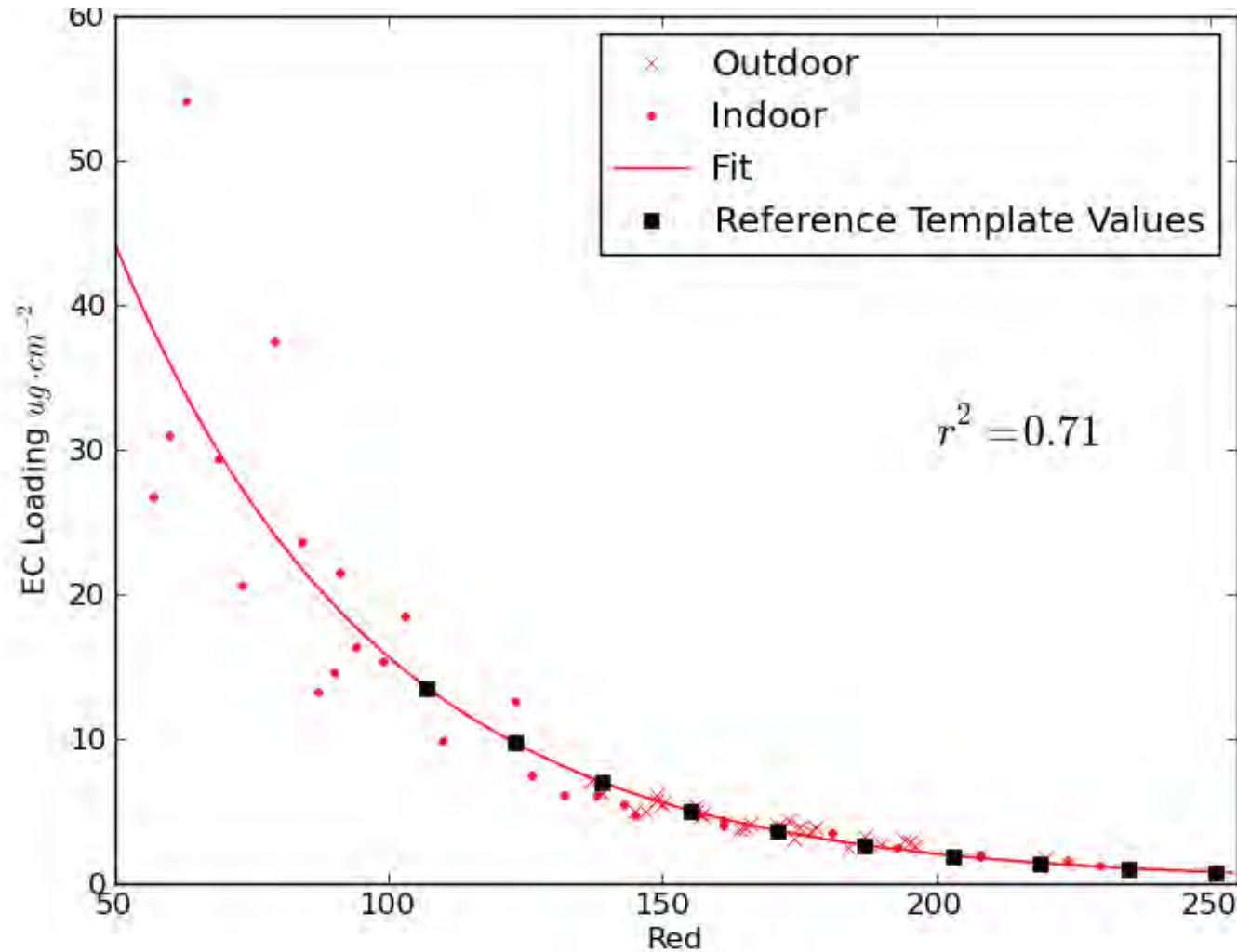
Pollution levels



T Ahmed, M Ramana, N Ramanathan, V Ramanathan



Calibration Curve, India February to June, 2010









02/04/0910

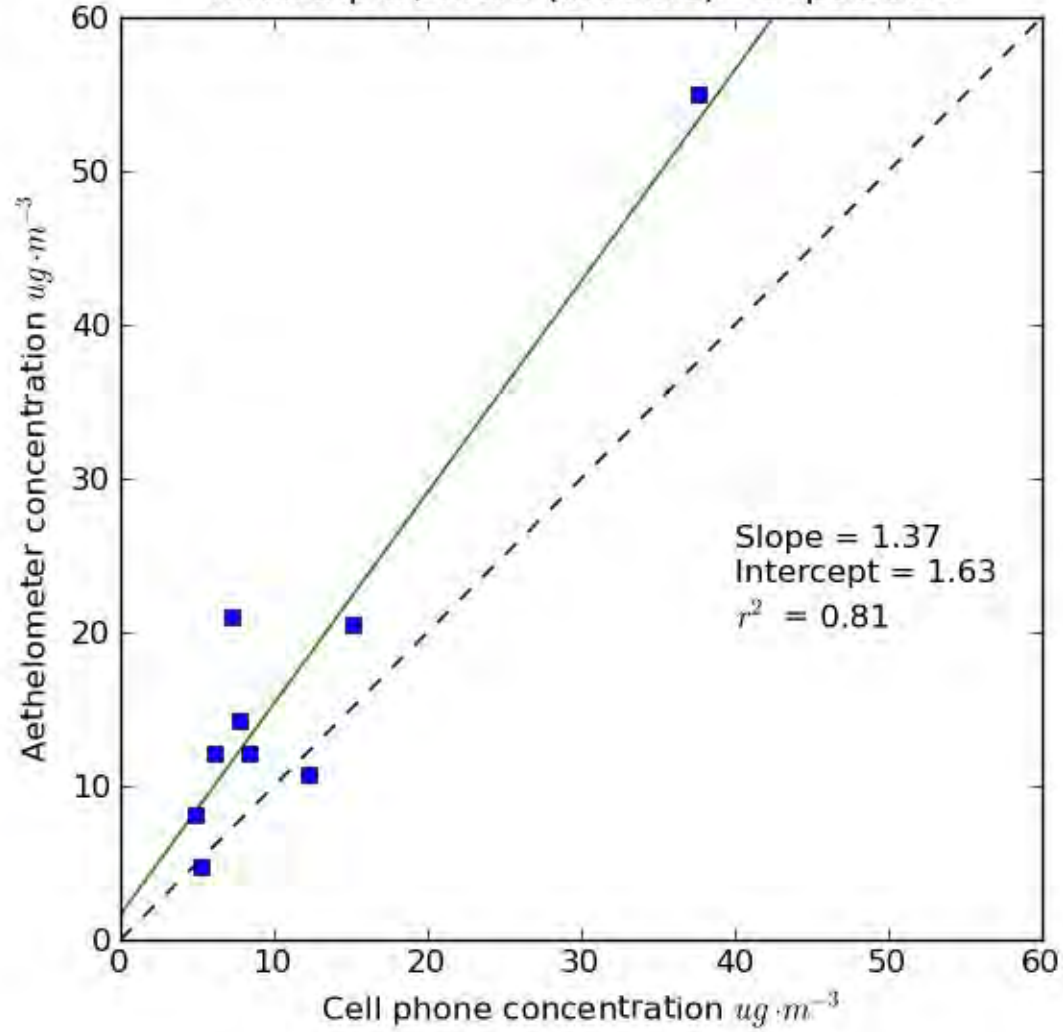


1.1.2



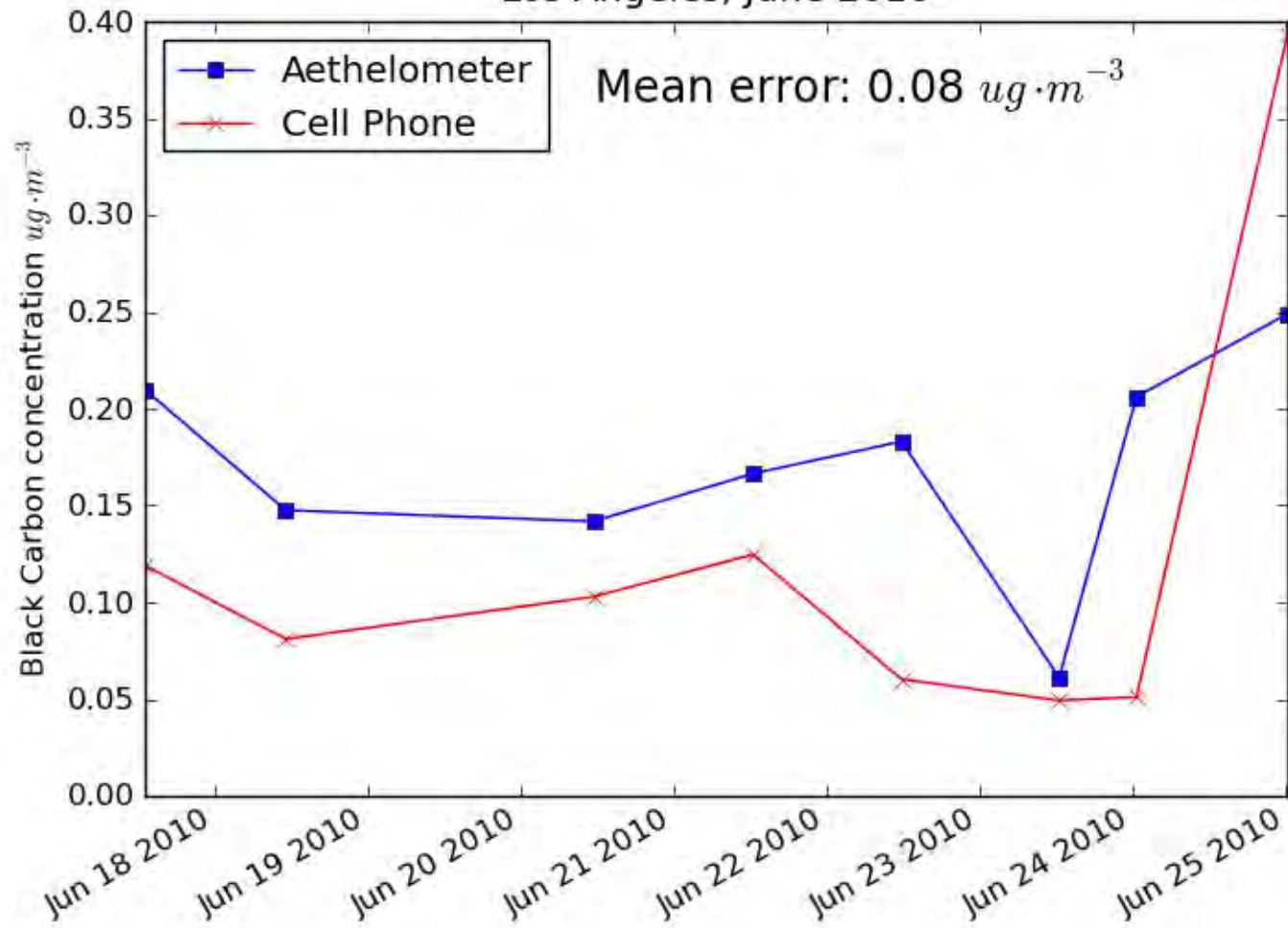
A color calibration chart featuring a QR code, a grayscale step wedge, and three color bars (red, green, blue). Below the chart is a black rectangular area containing a circular white ring.

Aethelometer vs. Cell phone Black Carbon
Khairatpur, India (Indoors) - Sept 2010



Los Angeles Pilot

Outdoor BC Concentration Los Angeles, June 2010



Proposed Pilot of 20 homes in Los Angeles

Angeles



A collaboration of
Coalition For a Safe Environment
Center for Community Action and Environmental Justice
East Yard Communities for Environmental Justice
Nexleaf Analytics
UCLA
UCSD
USC