

# Short-lived Climate Pollutants: A Second Front in Climate Change Mitigation

## Frontiers in Global Change Seminar Series

### Presented by...

### Dr. V. (Ram) Ramanathan

Distinguished Professor of  
Atmospheric and Climate Sciences

Scripps Institution of Oceanography  
University of California at San Diego



### Abstract:

Global warming is likely to exceed 2 C by 2050. Mitigation of Carbon Dioxide, by itself, is not sufficient to ward off this near-term risk. Mitigation of four short-term climate warming pollutants has the best chance for protecting the planet from going past the threshold for unmanageable climate changes in our lifetime. It is because of this recognition that the US and 15 other nations have formed the Climate and Clean Air Coalition. The seminar will describe the recent scientific developments that led to this remarkable development, the immense regional co-benefits in terms of avoided deaths and crop damages, and field studies in rural South Asia and Africa that can serve as flagships for near-term mitigation of global warming.

<http://www-ramanathan.ucsd.edu/about/index.php>

*Please join us for a meet and greet opportunity  
with Dr. Ramanathan after the seminar.  
~Refreshments will be served~*

Date: Tuesday,  
August 7th

Location: EMSL  
Auditorium

Time: 10:00 am