

**Daniel J. Jacob**

Vasco McCoy Family Professor  
of Atmospheric Chemistry  
and Environmental Engineering  
Harvard University

**Methane in the Climate System: Monitoring Emissions from Space**

Methane is an important greenhouse gas but its sources are very poorly understood. Satellite observations of atmospheric methane provide unique information for quantifying sources of methane and their trends. Here I will present recent work using these observations for better understanding methane on a global scale and down to the scale of individual point sources.