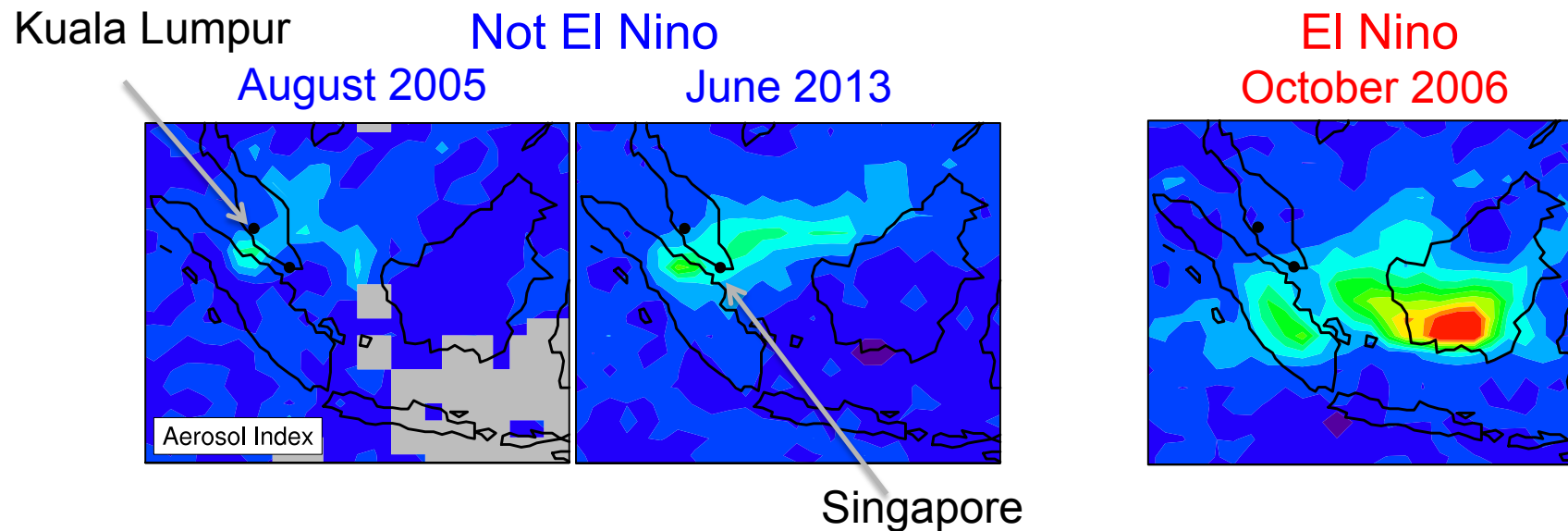


Role of the Madden-Julian Oscillation in severe smoke events over the Malay Peninsula

Shannon N. Koplitz¹ (skoplitz@fas.harvard.edu), Loretta J. Mickley¹, Daniel J. Jacob¹, Patrick S. Kim¹, Ruth S. DeFries², Miriam E. Marlier², Jonathan J. Buonocore³, Joel Schwartz³, Samuel S. Myers³

¹Harvard University, ²Columbia University, ³Harvard School of Public Health



- **Newly identified meteorological pathway for smoke exposure in the Malay Peninsula**
- **OMI AI, but not MODIS AOD, can effectively capture extreme smoke in Equatorial Asia**