

## Nicholas Meskhidze



### *Education*

Ph.D. (2003) Atmospheric Chemistry, GA TECH  
M.Sc. (1996) Environmental Management, ICEMP (Georgia)  
Diploma (1993) Physics, TSU (Georgia)

*Current position:* Research Scientist  
School of Earth & Atmospheric Sciences

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### Research Interests

- *Indirect Climatic Effect of Aerosols*

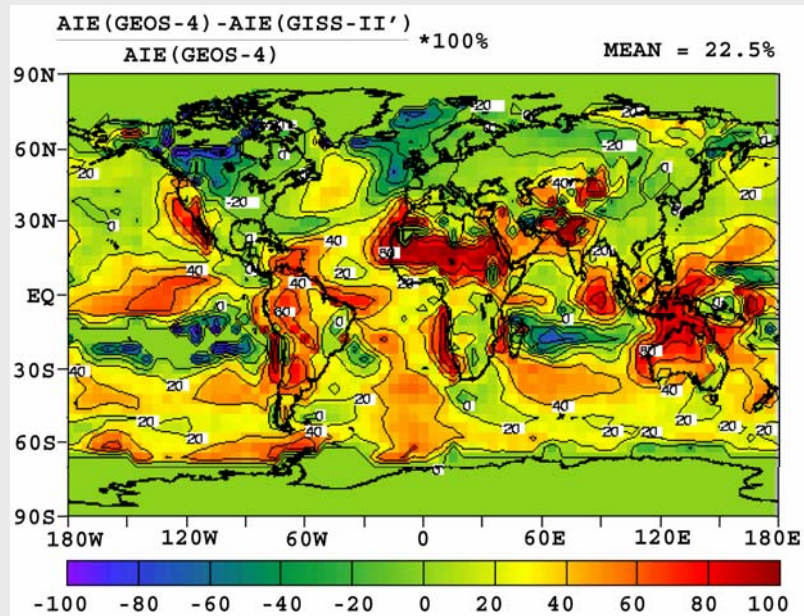
Global Modeling of Aerosol-Cloud-Climate interactions with the NASA Global Modeling Initiative Model (GMI)

- *Alteration of Global Biogeochemical Cycle of Iron (Fe)*

Effect of pollution on marine ecosystem productivity and carbon cycle

- *Ocean Productivity and Cloud Cover*

Sensitivity of annually-averaged TOA indirect forcing ( $\text{Wm}^{-2}$ ) to meteorological field.



$\text{CO}_2$  sequestration in the Southern Oceans is mainly controlled by upwelling of nutrient-rich waters

Phytoplankton blooms in the North Pacific may be influenced by Asian pollution .

