

Modeling the Formation of Secondary Organic Aerosols from Semi-Volatile Organic Vapors in the Mexico City Region

Manish Shrivastava¹, Rahul Zaveri¹, Jerome. Fast¹, Richard Easter¹, and Alma Hodzic²

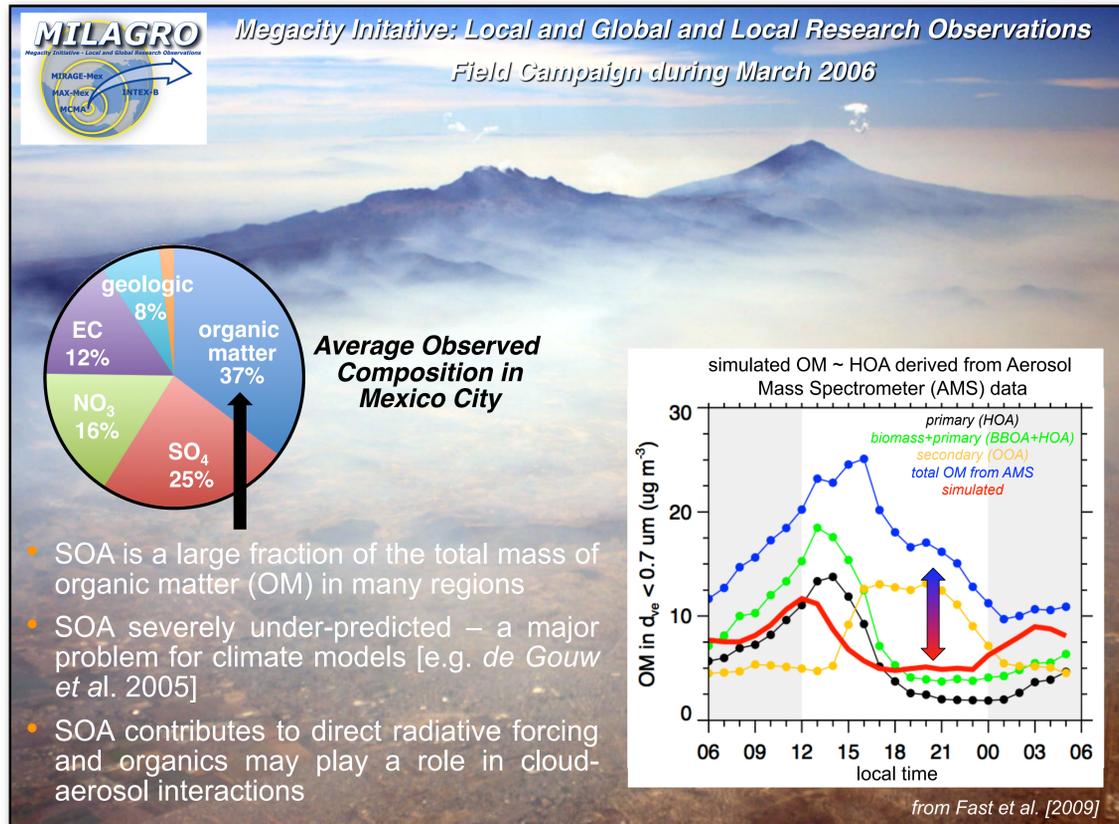
¹PNNL, ²National Center for Atmospheric Research



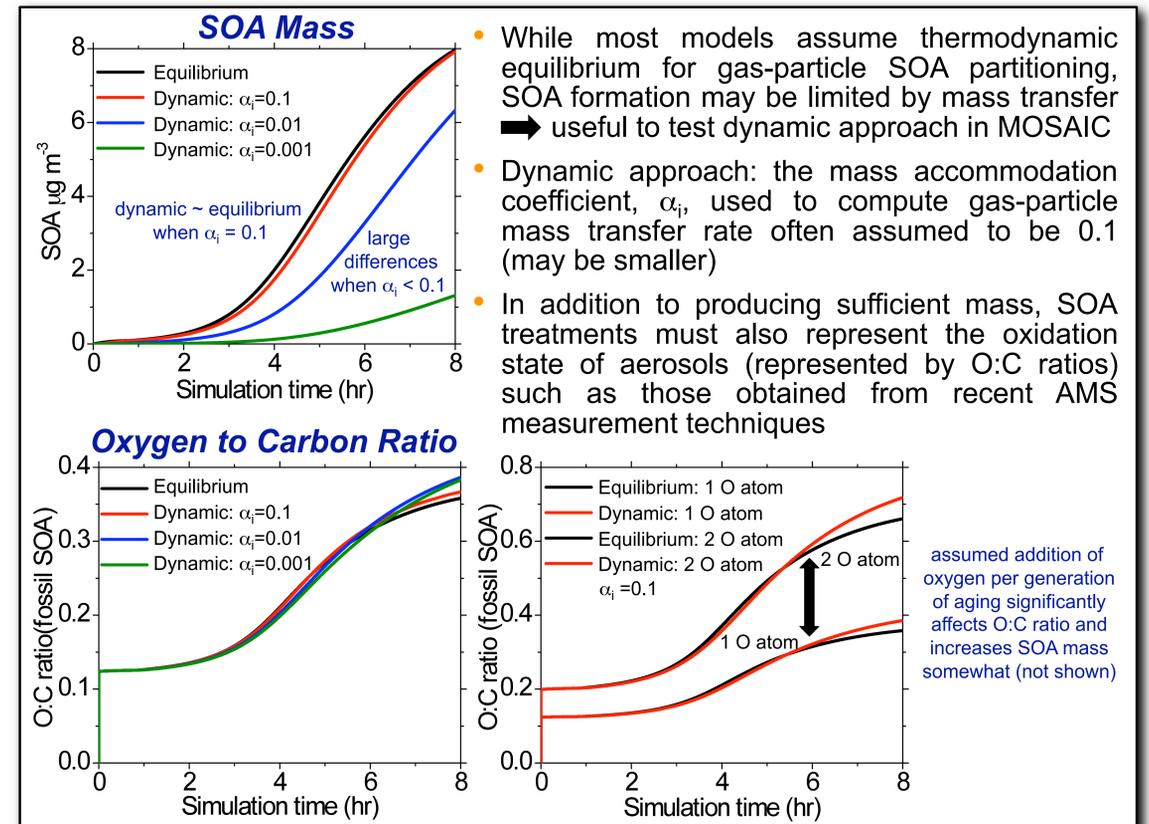
Pacific Northwest
NATIONAL LABORATORY

Proudly Operated by Battelle Since 1965

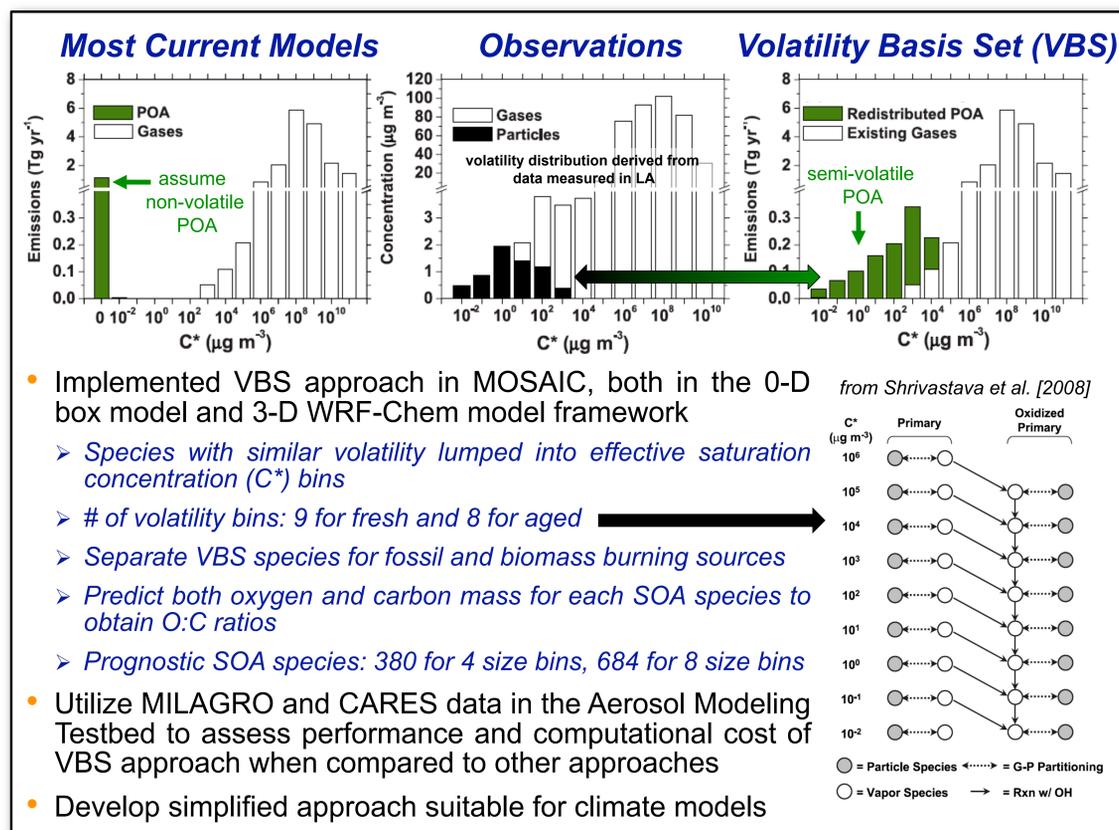
Importance of Secondary Organic Aerosols (SOA)



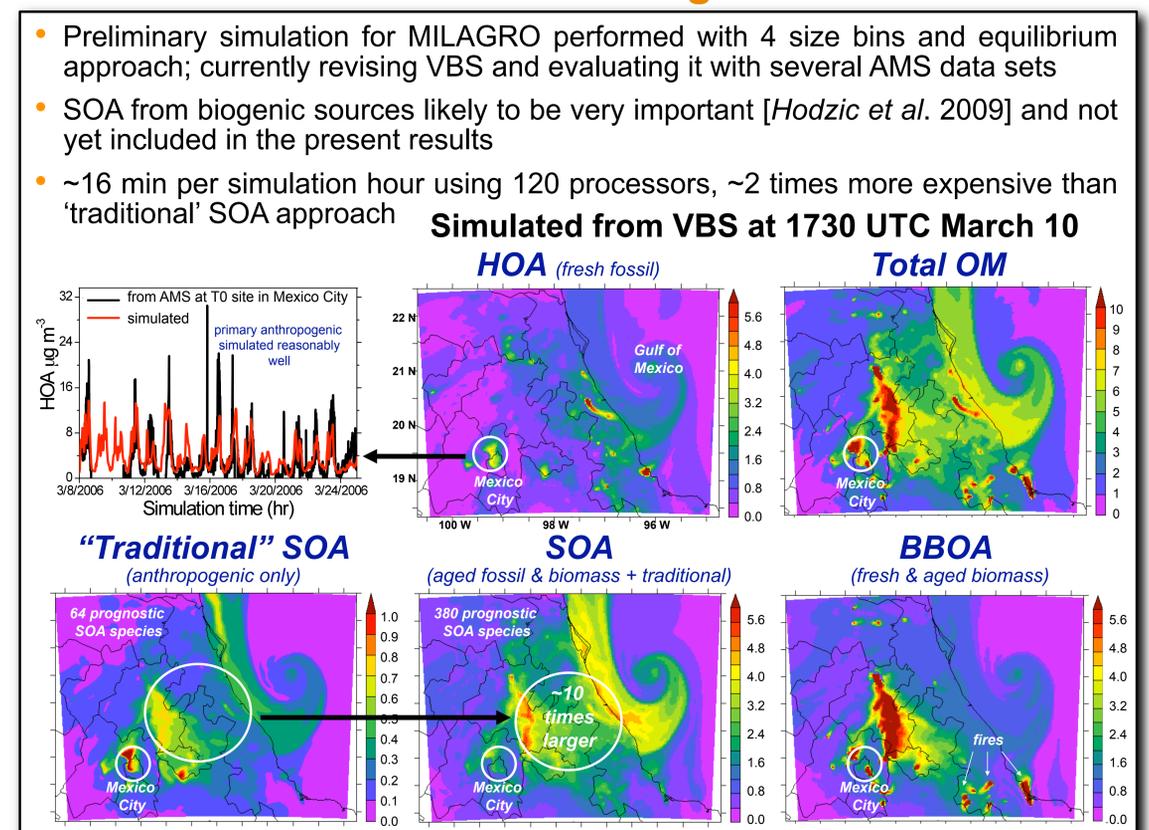
0-D Box Modeling



Modeling Strategy



3-D Modeling



for more information contact: Manishkumar.Shrivastava@pnl.gov or Jerome.Fast@pnl.gov

Funding provided by the U.S. Department of Energy's Atmospheric System Research program under contract No. DE-AC05-76RLO1830

www.pnl.gov