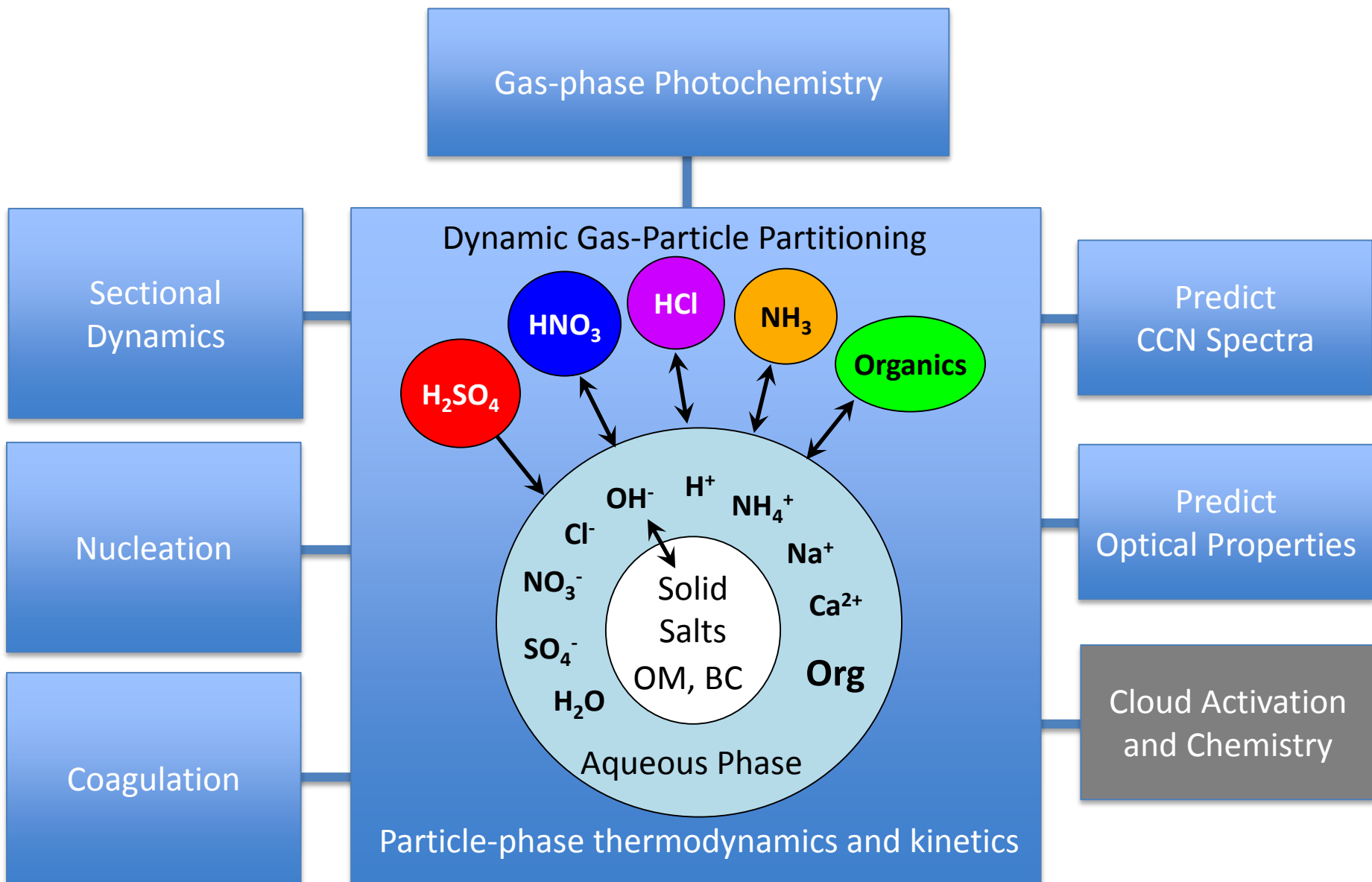
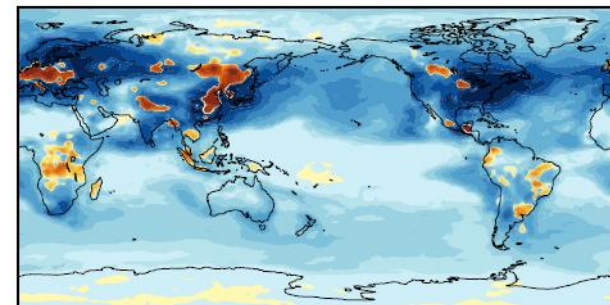
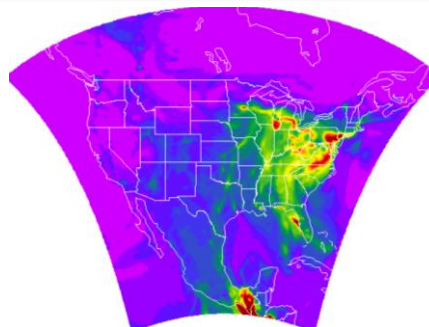
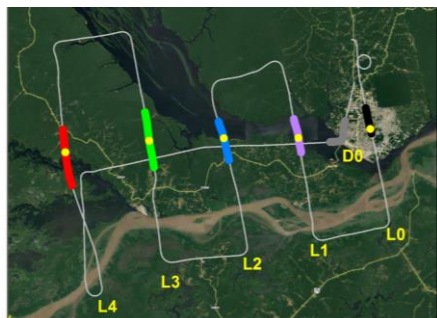
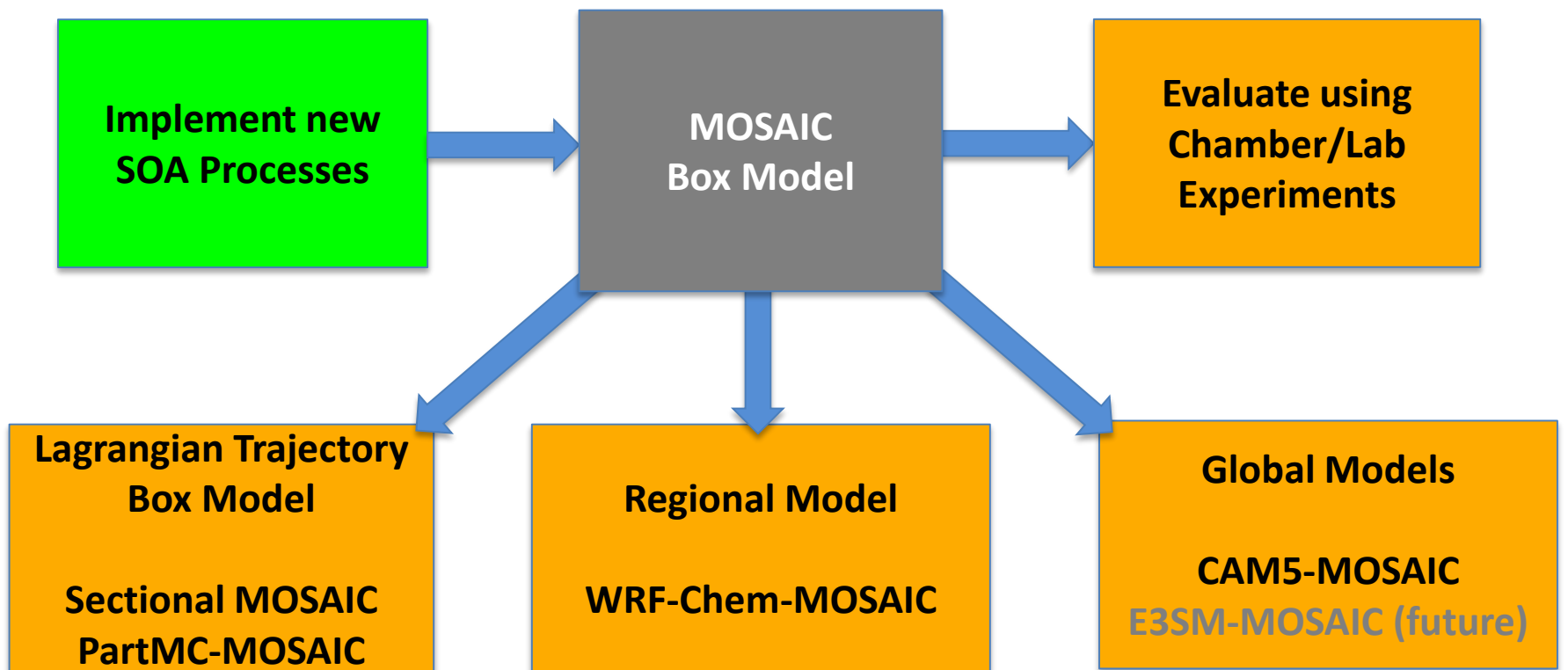


MOSAIC Box Model as a Potential Test Bed for SOA Processes

Rahul Zaveri



Box Model Test Bed



Collaboration between ASR Scientists and Beyond

- 1) Implement and evaluate recently developed SOA processes within Lagrangian trajectory box model and/or regional WRF-Chem model.
- 2) Develop and evaluate new treatments using existing/new chamber/lab experiments
- 3) Make new and well tested developments in MOSAIC easily accessible to other groups via:
 - DOE E3SM
 - NCAR CAM5
 - NASA GEOS5 and GEOS-Chem
 - EPA CMAQ
 - Canadian GEM-MACH
 - Japanese CTM