v11-01 is a major update to the Hg simulation

- Emissions
- Ocean processes
- Sea ice interactions
- Photoreduction and soil emissions consistent with above
- Benchmarks ensure reasonable out-of-box simulation

If you study an environmental contaminant with GEOS-Chem and don’t feel your interests are represented by Working Groups, talk to us about joining.
Coming Changes

• Hg chemistry & historical emissions
• Ocean Hg concentration boundary condition, like CO₂
• New PCB simulation
• Arsenic simulation

Challenges

• Maintain up-to-date oxidant fields for offline simulations (GCST?)
• Maintaining or improving soil (GTMM) and slab ocean sub-models
• **Wednesday afternoon Hg-POPs posters**

Hg-POPs Working Group
Chairs: Jenny Fisher, Chris Holmes