

Hg-POPs Working Group

Chairs: Jenny Fisher, Chris Holmes

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**

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