

Annual meeting of the Task Force on Hemispheric Transport of Air Pollution

May 7-9, 2025

Potsdam, Germany and online

All times are given in Potsdam local time (CEST, UTC+2)

Wednesday, 7 May 2025

Venue: Research Institute for Sustainability (RIFS), Berlinerstraße 130, 14467 Potsdam

8:30	Registration and coffee	
TFMM-TFHTAP joint session on global-regional downscaling		
9:00	Welcome, Overview, and Experiment Design	Tim Butler
9:30	GAINS Emission Scenarios Overview	Zig Klimont
10:00	HTAP2 Regional Modeling Results and Questions for HTAP3	Terry Keating
10:30	Break	
11:00	Initial results from MSC-W using the GAINS emission scenarios	Hilde Fagerli
11:30	Discussion (Regional Modelers' Interests and Needs)	
12:30	Discussion (Potential future areas of collaboration for TFMM and TFHTAP)	
13:00	Lunch	
Global PFAS Modeling Initiative		
14:00	Welcome and Introduction	Johannes Bieser and Martin Ramacher
14:15	Overview of PFAS Observations in Air and Water	Lutz Ahrens
14:30	PFAS in Arctic Water	Rainer Lohmann
14:45	Outlook on PFAS in Marine Biota	Anne Soerensen
15:00	sumPFAS: Tracing new per- and polyfluoroalkyl substances	Jan Koschorreck
15:10	European Environmental Databases for PFAS	Nicole Bandow
15:20	Discussion	
15:45	Break	
16:00	Process-specific insights into the global cycling of PFAS	Ian Cousins
16:15	POPE: PFAS Emissions Inventory	Pascal Simon
16:30	Regional atmospheric PFAS modeling	Emma D'Ambro
16:45	Global atmospheric PFAS modeling	Colin Thackray
17:00	Multi-compartment PFAS modeling	Johannes Bieser
17:15	Discussion	
17:45	Wrap up	
18:00	Adjourn for the Day	

Thursday, 8 May 2025

Venue: Wissenschaftsetage im Bildungsforum Potsdam (WIS), Am Kanal 47, 14467 Potsdam

8:30	Registration and coffee	
Progress of HTAP3/OPNS		
9:00	Context for OPNS: Revision of the Gothenburg Protocol	Tim Butler
9:20	Input Datasets, Output Formats, and Data Archive	Tim Butler
9:40	Discussion	
10:00	Break	
Planned and potential analyses		
10:30	Vegetation impacts	Katrina Sharps
10:50	Health Impacts	Claudio Belis
11:10	Ensemble emulation using source/receptor relationships	Oliver Wild
11:30	Chemistry/Climate interactions	Zosia Staniaszek
12:00	Lunch	
13:30	Tropospheric Ozone Burdens and Budgets	Paul Griffiths
13:50	Deposition	Joshua Fu
14:10	Model Evaluation	Amy Christiansen
14:30	Discussion	
15:00	Break	
Progress of HTAP3/FIREs for SLCFs		
15:30	Overview of HTAP3/Fires, Inputs, Outputs	Cyndi Whaley
15:50	The EDGAR-HTAPv3.1 global mosaic emission inventory	Monica Crippa
16:05	The GFAS4HTAP biomass burning inventory	Johannes Kaiser
16:20	Emissions from future fires	Douglas Hamilton
Connection to Other Work		
16:35	BBurned and EF Uncertainty	Rebecca Buchholz
16:50	Aerocom Biomass Burning Experiments	Mariya Petrenko
17:05	Discussion	
18:00	Adjourn for the Day	
18:30	Social dinner, rooftop terrace at WIS	

Friday, 9 May 2025

Venue: Wissenschaftsetage im Bildungsforum Potsdam (WIS), Am Kanal 47, 14467 Potsdam

8:30	Registration and coffee	
Progress of HTAP3/MCHgMAP		
9:00	Overview of MCHgMAP Design and Experiments	Oleg Travnikov
9:15	EGDAR Global Mercury Emissions Inventory	Marilena Muntean
9:30	A New IIASA Global Mercury Emissions Inventory	Flora Brocza
9:45	Anthropogenic, Geogenic, and Secondary Emissions: Recent Updates and Ongoing Challenges	Eric Roy
10:00	Break	
10:30	Overview of atmospheric modelling results	Oleg Travnikov
10:45	Ocean measurements for model evaluation	Anne Soerensen
11:00	Overview of ocean modelling results	Johannes Bieser
11:15	Analysis of trends of atmospheric mercury and potential drivers	Ari Feinberg
11:30	Trend and uncertainty analysis of reactive mercury	Jan Gačnik
11:45	Discussion	
12:00	Lunch	
Progress of HTAP3/FIRES (for Hg, PAH, PCDD/Fs)		
13:30	Overview of HTAP3/Fires, Inputs, Outputs	Terry Keating
13:50	Initial Challenges and Observations	Tao Huang
14:10	Quantifying the Wildfire Contribution to PAH Concentrations and Health Effects	Lexia Cicone
14:30	AMAP POPs/EC trends assessment and other connections	Paul Bartlett
14:50	Discussion	
15:30	Break	
Next steps		
16:00	Next steps for the Global PFAS Modelling Initiative	Johannes Bieser and Martin Ramacher
16:30	TF HTAP 2025-27 Work Plan and Beyond	Tim Butler and Terry Keating
17:30	Adjourn Meeting	