

HEGIFTOM Working Group Meeting 29 November 2021

(Version 23 November)

When? Virtual 29 November 2021: 15:00-17:00 UTC

Zoom Meeting: <https://us02web.zoom.us/j/9217593451>

Documents will be shared at

<https://drive.google.com/drive/folders/1UfDkBevHgssWDt8-M2vg47HrBNE9tNN0?usp=sharing>

Organizers: Roeland Van Malderen and Herman Smit

Objectives:

- A. Overview of current activities and tools for comparing ground-based free-tropospheric ozone retrievals, also with satellites and models; encourage working group members to participate.
- B. Gather discussion and feedback from working group members for next year's activities.

Outline Agenda:

1. **Introduction** to HEGIFTOM: workplan, and crossover to other FWG of TOAR-II (5')
2. **Internal Consistency:** Outcome of YEAR#1 (2021) incl. harmonized data sets; Deliverable: internal report on homogenized data sets from different data sets and their availability (10')
3. **External Consistency** /YEAR#2 : Intercomparisons and collaboration with Satellite and Re-analysis FWG (75')

Presentations:

- Homogenized ozonesonde time series: Improved agreement with independent data sets, *Ryan Stauffer* (10'+5')
 - Umkehr vs. Sondes, *Irina Petropavlovskikh* (5'+5')
 - Intercomparing data sets through their projection onto a model grid, *Yann Cohen* (10'+5')
 - Systematic use of NDACC data for monitoring the performance of the CAMS suite and reanalysis models, *Bavo Langerock* (10'+5')
 - Open Discussion (20')
4. **Representativeness** /YEAR#3 : Collaboration with TOAR-II FWG's on (i) Satellite Ozone and (ii) Chemical Reanalysis (Scheduling a joint meeting in Jan/Feb 2022) (10')
 5. AOB: **General Discussion + Outlook** (20')