

HEGIFTOM Working Group Meeting 30 August 2022

(Version 30 August)

When? Virtual 30 August 2022: 14:00-16:00 UTC

Zoom Meeting

<https://us02web.zoom.us/j/83506256405?pwd=eEVXUTdTTDNhL1U4MjBsRUFKSkhUUT09>

Meeting ID: 835 0625 6405

Passcode: 741880

Documents available and 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 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 coming activities.

Outline Agenda:

1. **Latest news** about HEGIFTOM: website (<http://hegiftom.meteo.be>) & new SC Liaison Member (10')
2. **Internal Consistency /YEAR#1:** Update about harmonized data sets (15')

Presentation:

- 2022 Status Update of the Tropospheric Ozone Lidar Homogenized Datasets for TOAR-II
Thierry Leblanc (10'+5')
- 3. **External Consistency /YEAR#2:** TOAR-II Intercomparison Guidelines for Observations of Tropospheric Column Ozone and Tropospheric Ozone Profiles & Intercomparisons and collaboration with Satellite and Re-analysis FWG (85')

Presentations:

- Intercomparison of long-term ozone measurements from ground-based techniques, *Robin Björklund* (10'+5')
- Trend studies of Umkehr and ozonesonde records in the troposphere at 5 stations, *Peter Effertz* (10'+5')
- Progress made in the intercomparison between IAGOS and ozonesondes, *David Tarasick* (10'+5')
- Harmonisation & intercomparison of tropospheric ozone Climate Data Records, *Daan Hubert, Arno Keppens, Tjil Verhoelst, Steven Compernelle & Jean-Christopher Lambert* (10'+5')
- TOAR-2 chemical reanalysis WG updates and representativeness analysis plan, *Kazuyuki Miyazaki* (10'+5')
- Open Discussion (10')

4. AOB: **HEGIFTOM TOAR-II publications + Outlook** (15')