

# **Tropospheric Ozone Assessment Report Phase-II: Assessment of tropospheric ozone and its interactions with climate**

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## **Abstract**

The Tropospheric Ozone Assessment Report (TOAR) is a highly successful IGAC Activity with a mission to provide the research community with an up-to-date scientific assessment of tropospheric ozone's global distribution and trends from the surface to the tropopause. The first phase of TOAR (2014-2019) produced a series of influential peer-reviewed publications: [; In particular, the paper TOAR-Climate \(Gaudel et al., 2018\) provided an extensive review of tropospheric ozone using observations and metrics relevant to understanding ozone's impact on radiative forcing and climate change. Now in its second phase, TOAR-II is writing an update to the TOAR-Climate assessment paper, with a focus on synthesizing the latest findings in the peer-reviewed literature. While the paper is still a work in progress, this presentation will describe the goals, scope and outline of the paper, and will highlight some recent TOAR-II findings that will inform the assessment.](https://igacproject.org/activities/TOAR/TOAR-I.&nbsp;)

## **Early Career Scientist**

NO, I am not an early career scientist.

## **IGAC Activities**

TOAR: Tropospheric Ozone Assessment Report