Welcome to the AMIGO/IGAC workshop

Changes in atmospheric composition during the COVID-19 lockdowns

- A workshop prepared by:
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AMIGO is the Analysis of eMIssion usinG Observations project website: amigo.aeronomie.be

AMIGO is part of IGAC, The International Global Atmospheric Chemistry Project website: igacproject.org

Goals of the workshop: discuss the changes in atmospheric composition as derived from surface and satellite observations, and the use of observations to better quantify the changes in emissions related to the lockdowns.

AMIGO has collected a long list of papers dealing with the topics of the workshop, available at: amigo.aeronomie.be/covid-19-publications



Welcome to all the participants to the workshop



Access to the list of participants: all of you will receive an email after the workshop, to ask you if you are willing to share your name, email and affiliation with all participants on the AMIGO website

SLIDO: Questions, Answers and Comments

You are invited to ask the speakers questions or send comment using Slido

Scroll down below this webcast in your browser window to find the slido window.

You can also go to: <u>sli.do/amigo</u> to see the questions in a separate window

You can "up-vote" a question you would like to have asked to move it to the top of the list

Before entering a question, please check if it has already been asked and up-vote it



We invite you to submit your questions below and upvote questions you think are most important



Agenda

Session 1

8:05 – 8:15: Complex chemical effects of COVID-19 shutdowns on air quality by Colette Heald, MIT
8:15 – 8:25: CO2 emission reductions during the lockdowns by Lesley Ott, NASA Goddard Space Flight Center
8:25 – 8:35: Comparison of CO emission reduction estimates during lockdown periods, Benjamin Gaubert, NCAR
8:35 - 8:50: Quantifying COVID-19 transportation emission reductions: European, US, and global perspectives by Marc Guevara, BSC and Brian McDonald, NOAA/CSL

8:50 – 9:10: Discussion moderated by Dylan Jones, University of Toronto

Session 2

9:10 - 9:20: Global chemical impact of Covid-19 lockdowns by Guy Brasseur, MPI-Met and NCAR
9:20 - 9:30: NOx Emissions Reduction and Rebound in China Due to the COVID-19 Crisis by Jieying Ding, KNMI
9:30 - 9:40: NO2 changes during COVID-19 lockdowns in North America by Susan Anenberg, GWU
9:40 - 9:50: Unexpected particulate pollution with marked emission reductions during the COVID-19 by Yuan Wang, Caltech

9:50 – 10:15: Discussion moderated by Daven Henze, University of Colorado