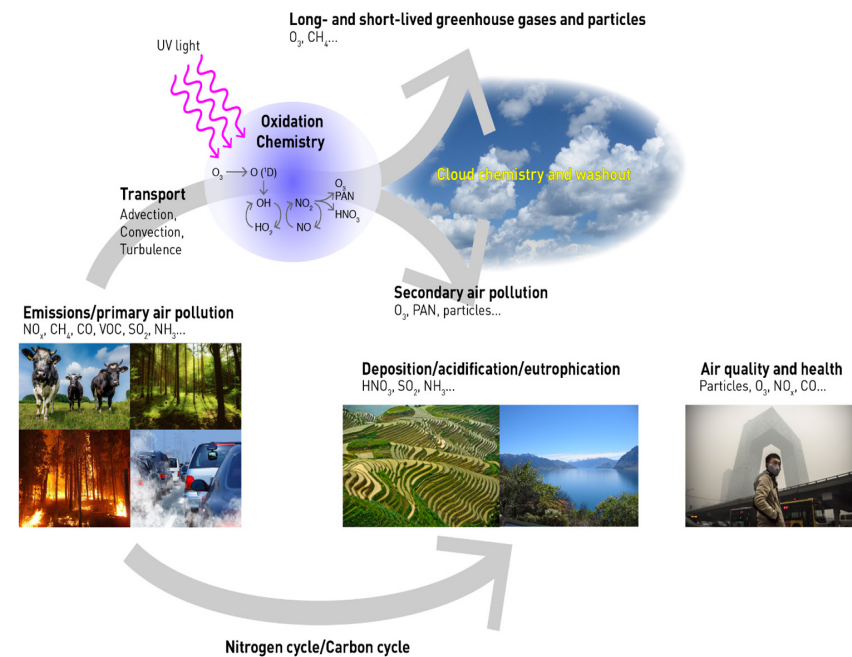


Complexities of communicating atmospheric composition and its impacts during the COVID-19 public health crisis in 2020

Claudia Volosciuk, WMO Science and Innovation Department, cvolosciuk@wmo.int, @CVolosciuk



The Global Atmosphere Watch (GAW) Programme



- Long-term international (>100 countries) research programme
- Coordination of observations & quality assurance
- Analysis of atmospheric composition
- Science for services

Science communication under time constraints - GDB2

EGU General Assembly
21 April 2021 9:00 (CEST)
WORLD METEOROLOGICAL ORGANIZATION

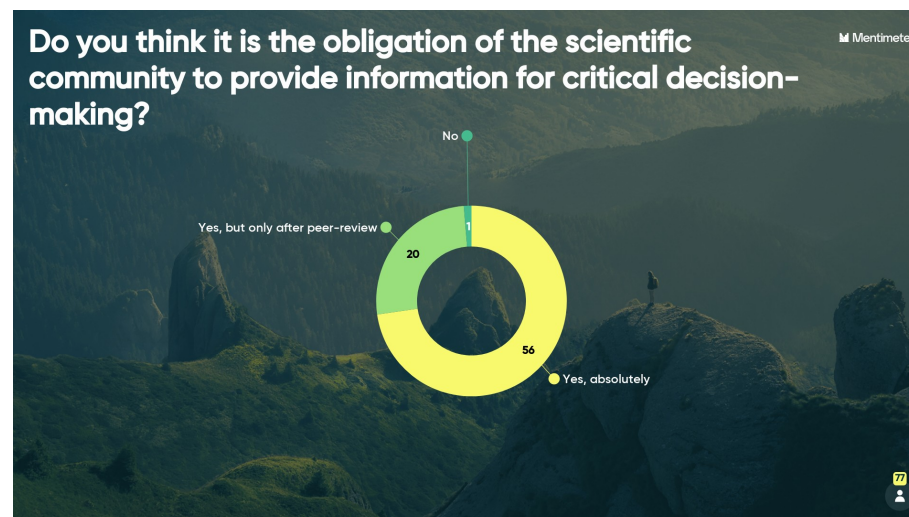
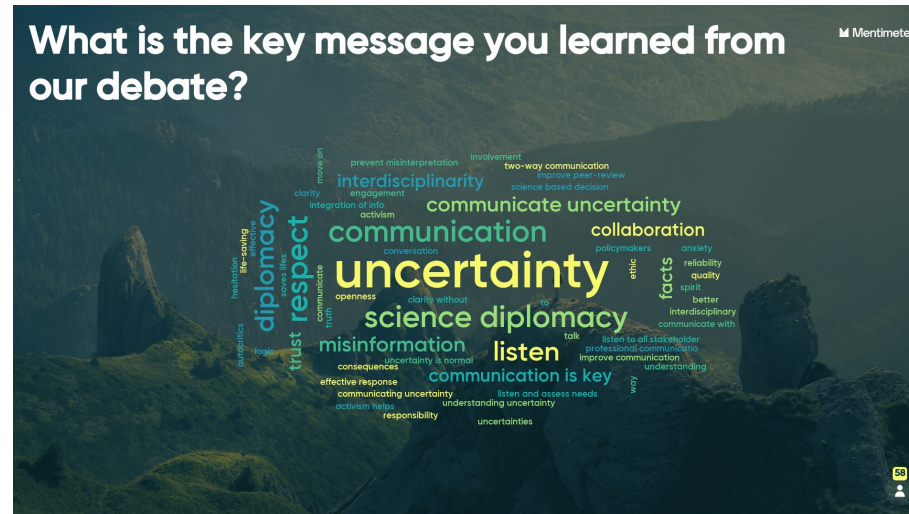
The role of scientific information in an emerging environmental crisis

SPEAKERS

- Matthew Hort (Head of Atmospheric Dispersion and Air Quality Research, Met Office, UK)
- Nadejda Komendantova (Cooperation and Transformative Governance Research Group Leader, International Institute for Applied Systems Analysis (IIASA), Austria)
- William Pan (Assoc. Prof., Global Environmental Health, Duke Global Health Institute, USA)
- Vasiti Soko (Director of the National Disaster Management Office, Fiji)

- Scientific information supports decision-making to protect lives & property
- Uncertainties exist even for well-established warning systems
- COVID-19 pandemic: even more complicated without reliable data and forecasts
- Governments still had to take life-critical decisions, seeking expert advice
- Experts were challenged with known-unknowns and unknown-unknowns that had to be communicated to decision-makers under hard time constraints.

Survey among participants of GDB2 @EGU2021



Recording:
<https://meetingorganizer.copernicus.org/EGU21/session/39991>

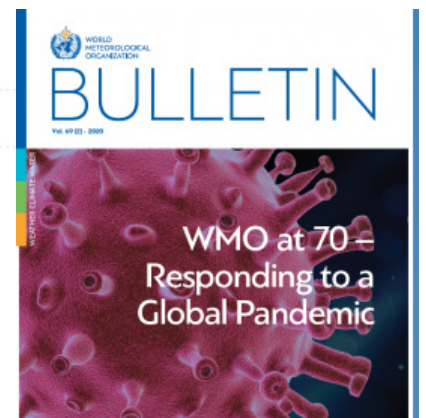
Everybody wants to talk about COVID

Response of Carbon Dioxide and Air Quality to the Reduction in Emissions Due to the COVID-19 Restrictions

Author: By Alex Vermeulen, Jocelyn Turnbull, Vincent-Henri Peuch, Oksana Tarasova and Claudia Volosciuk

Contact:
Theme: Climate

Bulletin n° : Vol 69 (2) - 2020



WMO GREENHOUSE GAS BULLETIN
The State of Greenhouse Gases in the Atmosphere Based on Global Observations through 2019

Carbon dioxide levels continue at record levels, despite COVID-19 lockdown

PRESS RELEASE

Greenhouse gases

Publish Date: 23 November 2020

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COVID-19 vs. Climate Change
euro news.

Nathan Meténier, Jane Goodall, Carlo Buontempo, Oksana Tarasova

YOUTUBE.COM
Did the coronavirus pandemic alter the course of climate change?

21.01.2021
> 60k views

Strong interest for COVID-19 related emission reductions and their implications