

# *Interim ORM Meeting in response to request from the Parties*

## **Gaps in the monitoring of Ozone Depleting Substances: Options, Approaches, and Potential Locations**

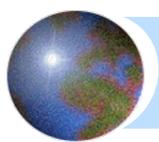


***Kenneth W. Jucks (NASA HQ; USA)  
Gerrie Coetzee (SAWS; South Africa)  
Co-Chairs, 10<sup>th</sup> ORM Meeting***



*October 7 & 8, 2020*

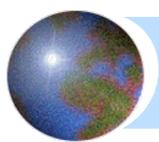




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### **Why are we meeting today?**

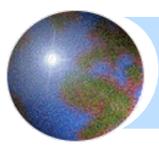
**The Parties to the Montreal protocol requested of the Science Assessment Panel, in collaboration with the Ozone Research Managers, to present to them an assessment “To identify gaps in global coverage of atmospheric monitoring of controlled substances and to provide options on ways to enhance such monitoring as well as exploring options for informing the parties of preliminary information indicating unexpected emissions of controlled substances for the consideration of the Thirty-Second Meeting of Parties and the Twelfth Conference of Parties, in 2020.”**



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## Why Both Bodies?

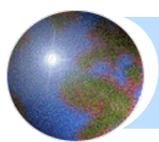
- **The ORM Reports and WMO-UNEP Scientific Assessments are required under the Vienna Convention and Montreal Protocol respectively and have complementary but different purposes:**
  - *Science Assessments enable the Parties to evaluate control measures under the Montreal Protocol and are communication devices between the research community and decision makers.*
  - *Assessments neither provide policy recommendations nor are they research planning documents. However, they provide input for both.*
  - *ORM Reports, on the other hand, address research and monitoring needs in light of scientific understanding provided by the Assessments and do make specific recommendations regarding international actions for improved research coordination and networking.*
  - *Both panels have, within their mandates, some aspect of what is being requested by the parties!*



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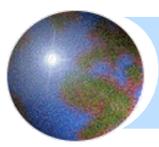
- **Agenda Items for this “gaps” Meeting**

- *Present a white paper that has been prepared by some of those involve in the measurements of ODSs to date.*
- *There exist, presently, many strengths and weaknesses in the measurement networks for answering questions regarding potential emissions in different parts of the world.*
- *The two primary measurement techniques, while initiated and coordinated by US researchers, have strong and VITAL international collaborations that are required to make them as successful as they are today.*
- *However, there are significant, yet different, drawbacks to each network that have an impact on what we recommend going forward. We WILL talk about them!*



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- The meetings today/tomorrow are split into two sessions in an attempt to accommodate the various time global time zones of all the interested participants.*
- Please, because of the limited time reserved for each session, reserve all discussion to those that are relevant to the question at hand, primarily scientific (SAP and ORM) and programmatic (ORM). We have the request from the parties and our intent is to address the request as written as directly as we can.*
- We will use the discussion from these two sessions, as well as the white paper presented, to craft an appropriate response to the parties. This response will be presented to the ORM11 part 2 if it takes place face-to-face in April 2021 and also it will be presented to all parties at their Open-ended Working Group meeting in July 2021 and also at the COP/MOP in 2021



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In the interest of time, let's begin!!!