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भारत सरकार / Government of India

पृथ्वी विज्ञान मंत्रालय / Ministry of Earth Sciences

भारत मौसम विज्ञान विभाग / India Meteorological Department

मौसम विज्ञान के महानिदेशक का कार्यालय / Office of the Director General of Meteorology

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CIRCULAR

Subject: Call for abstracts for the 1st Stakeholder Meeting of the CIPM Sectorial Task Group on Climate Change and Environment (CIPM-STG-CENV), to be held at BIPM Sèvres, France from 16-18 September 2024 in **Hybrid Format.**

Abstracts for presentations/posters are invited that address progress on recommendations or new initiatives since the BIPM-WMO Workshop on Meteorology for Climate Action (2022), and fall into one of the following themes:

- **Metrology in support of the physical science basis of climate change and climate observations**
- **Metrology as an integral component of operational systems to estimate greenhouse gas emissions based on accurate measurements and analyses.**

The deadline for submission of Abstracts is 31st May 2024.

More information regarding the 1st Stakeholder Meeting of the CIPM is attached herewith and may kindly be seen for more details. Interested IMD Officials may submit their abstracts under intimation to the Organisation Division at the following email address:

Email: organisationsection@gmail.com



R.K. Giri
Sc.-F (Head Org.)
For DGM



(<https://bipm-cenv2024.org/>)

Meeting organization

Accepted abstracts

Registration

Program

1st CIPM STG-CENV Stakeholder meeting

16 -18 September 2024 – BIPM Sèvres (France)

The meeting will be organized as a hybrid event and will offer both onsite participation at the BIPM Headquarters in Sèvres, France, as well as virtual attendance options.

Welcome to the 1st Stakeholder Meeting of the CIPM Sectorial Task Group on Climate Change and Environment.

The Task Group has been established to provide a global focal point for metrology activities related to climate change and environment.

Abstracts for presentations/posters are invited that address progress on recommendations or new initiatives since the BIPM-WMO Workshop on Metrology for Climate Action (2022) (<https://www.bipmwmo22.org/>), and fall into one of the following themes:

- Metrology in support of the physical science basis of climate change and climate observations
- Metrology as an integral component of operational systems to estimate greenhouse gas emissions based on accurate measurements and analyses.

Recommendations of the BIPM-WMO 2022 workshop are documented in the workshop report (<http://bipm-cenv2024.org/wp-content/uploads/2024/02/RapportBIPM-2023-03.pdf>).

Call for abstracts
(<http://bipm-cenv2024.org/index.php/call-for-abstracts/>)



Key dates

March 1, 2024

Open call for abstracts

May 31, 2024

Abstract deadline

June 1, 2024

Opening for registration for online participation in the meeting

Expected outcomes of the meeting are:

- An overview of activities that are being undertaken to address recommendations from the BIPM-WMO 2022 workshop;
- Identification of the organizations, committees and groups that are coordinating activities to address recommendations from the BIPM-WMO 2022 workshop;
- Identification of the recommendations from the BIPM-WMO 2022 workshop where no activity has been initiated and reasons why it has not been done.
- An overview of new collaborative activities initiated between the Observation and Metrology communities
- Identification of new initiatives that could be progressed through collaborative actions between the Observation and Metrology communities, and the groups that could coordinate this work
- Identification of any new actions to be undertaken by the CIPM-STG-CENV, with a focus on those actions that cannot be addressed by existing structures, which would enable progress to be made in addressing the BIPM-WMO 2022

workshop recommendations and new initiatives.



Questions

about the workshop can be directed to Workshop Coordinators, at
climate@bipm.org

Send (<mailto:%20climate@bipm.org>)



Theme 1

Metrology in support of the physical science basis of climate change and climate
Observations

Topic 1A: Atmosphere Physics and Chemistry

Topic 1B: Oceans and Hydrology

Topic 1C: Earth Energy Balance

Topic 1D: Biosphere Monitoring

Topic 1E: Cryosphere Monitoring

Topic 1F: Cross-cutting issues

Topic 1G: Other



Theme 2

Metrology as an integral component of operational systems to estimate greenhouse gas emissions based on accurate measurements and analyses

Topic 2A: Accuracy requirements for atmospheric composition measurements across economic sectors, and temporal and spatial scales

Topic 2B: State of play in integrated approaches for advanced GHG emission estimates and the way forward to operational services.

Topic 2C: Novel GHG concentration and flux methods and sensors

Topic 2D: Strengthening the linkage of remote sensing GHG concentration measurements to emission fluxes

Topic 2E: Emerging Metrology Issues (Oceans, CCUS, CDR, Agricultural

Emissions...)