



Scope

Non-CO₂ greenhouse gases include many substances, such as methane (CH₄), nitrous oxide (N₂O), fluorocarbons (CFCs, HFCs, SF₆, etc), black carbon, aerosols and tropospheric ozone (O₃). These contribute significantly to climate forcing. Reducing non-CO₂ greenhouse gas emissions is often more cost-effective than reducing CO₂ emissions.

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8th International Symposium on Non-CO₂ Greenhouse Gases (NCGG8)

Global Challenges and Local Solutions

June 12-14, 2019

Hotel Casa, Amsterdam, The Netherlands



Extended Deadline

Call for Papers

December 1st, 2018

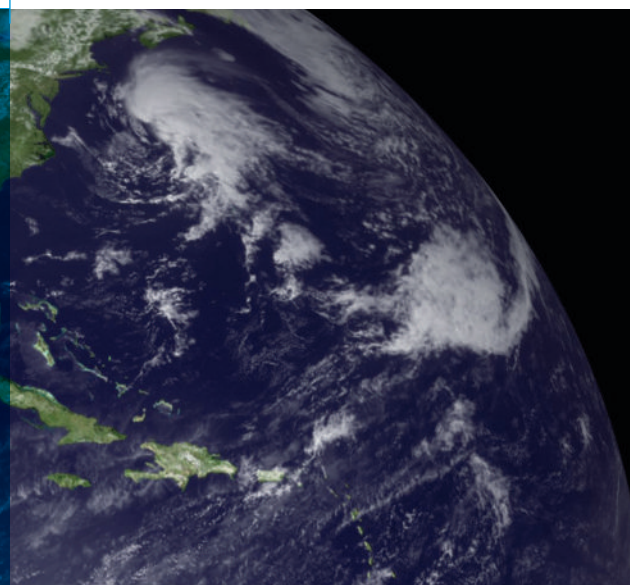
Call for papers and sessions

Deadline for abstracts (200-250 words): December 1st, 2018.
Early submission is encouraged.

The abstract should contain a title, the name(s) of the author(s) and their affiliations, a problem definition, a brief indication of the research or implementation methods, main results and conclusions.

We also welcome suggestions for parallel sessions. Email your abstracts and suggestions to Arjan Hensen:

office@ncgg.info



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Association of Environmental
Professionals (VVM)



Call for papers and sessions

The NCGG conferences pay attention to:

- sources, sinks, and atmospheric processes of non-CO₂ greenhouse gases;
- mitigation options and emission reduction technologies and practices;
- policies and measures, both in the public and private sectors; and
- the science-policy-industry interface

We will invite submission of papers with respect to four themes, covering causes, effects and solutions of the environmental problems associated with non-CO₂ greenhouse gases. These papers may report on science (from natural, social, technological or integrated sciences) and policy.

Theme 1: Global Challenges and Local Solutions.

The first theme will zoom in on the Local solutions for Global Challenges. We seek for integrative and innovative studies of sources of non-CO₂ greenhouse gases, their effects and strategies to reduce these effects. Both example studies and implementations of mitigation and adaptation measures that will be covered within this theme.

Theme 2: Sources, Sinks and Inventories.

Theme 2 concentrates on sources, sinks and inventories, including innovations in emissions monitoring, measurement techniques or strategies as well as reporting and verification of emission data. Long term monitoring studies, trend analyses and innovative interpretation or visualization methods are also covered in this theme.

Theme 3: Atmospheric Processes.

This theme concentrates on atmospheric processes, and in particular on the physics and chemistry related to the radiative aspects of the atmosphere, including monitoring of concentrations of non-CO₂ greenhouse gases, atmospheric processes including the relations between greenhouse gases and other air pollutants (e.g. aerosols).

Theme 4: Policy Implementation.

As a result of the Paris agreement countries are setting mitigation targets. Both governmental and non-governmental actions are taken. In order to allow for proper GHG stock taking, transparency and accountability rules are set to provide confidence. In this context programs are running or starting for reduction of non-CO₂ greenhouse gas emissions.

Background NCGG conferences

Non-CO₂ greenhouse gases are important contributors to radiative forcing of the atmosphere and include methane (CH₄), fluorocarbons and SF₆, and nitrous oxide (N₂O). The effects of black carbon (BC) and the so-called indirect gases, contributing to tropospheric ozone formation and aerosols add to this list.

The previous NCGG7 led to the following conclusions:

- Large emission reductions in GHG needed to limit warming to 2 degrees
- The window for action is rapidly closing
- Focus of climate policy is (too much?) on CO₂
- Non-CO₂ GHG emission reduction is very needed and possible and deserves more attention
- Non-CO₂ GHG emissions can be reduced at relatively low costs

The NCGG8 conference will bring together scientists and engineers on the one hand, and decision makers in the public and private sectors on the other hand. As such, it will actively support the implementation of promising policies and technologies to reduce NCGG-emissions. Special attention will be paid to the Climate Convention, and to the UN Sustainable Development Goals.

Against this background the objective of the NCGG series of conferences is to bring together scientists, experts, decision makers and stakeholders in the field of Climate Change with a view of supporting the development of efficient and effective technologies and policies aimed at decreasing the radiative forcing due to non-CO₂ greenhouse gases and indirect gases and aerosols.



Symposium organizer & secretariat VVM-Milcon

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