2020 Workshop: CEDAR and Climate Change

Long title
CEDAR and Climate Change
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Description

The Intergovernmental Panel on Climate Change 1.5 degree report released in October 2018 concluded risks of dire consequences of climate change and that the next decade is critical for transformational change to achieve deep reductions in greenhouse gas emissions to avoid the most serious impacts. The United Nations Environment Programme's Emissions Gap Report 2019 followed with the warning that "we are on the brink of missing the 1.5°C target and condemning humanity to a future of serious climate change impacts". This workshop will provide a forum for discussion about ways that the CEDAR community might contribute to global efforts to address climate change. Such efforts could include whole atmosphere studies of climate change processes; identifying aeronomy data sets and techniques that can also provide tropospheric information; continued work to reduce uncertainties in observations to facilitate their use for longer-term comparisons; ways that the CEDAR community is or could potentially contribute to national and international climate assessment processes; and steps that our scientific community can take to mitigate climate change. We welcome participation from the tropospheric climate community, as well as the middle and upper atmospheric research community, to discuss further ways that our communities might collaborate to advance knowledge of climate science. We also welcome discussion relating to communicating climate science to the public.

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