



CNRM, UMR 3589

SEMINAIRE CNRM

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BENEFITS AND COSTS OF METHANE MITIGATION AND THE GLOBAL METHANE PLEDGE

par Drew SHINDELL
(Duke University)

en salle Taillefer

Lien visio : <https://bluejeans.com/715108137/4349>

Résumé

Reducing human-caused methane emissions is one of the most cost-effective strategies to rapidly reduce the rate of warming and contribute significantly to global efforts to limit temperature rise to 1.5°C. Available targeted methane measures, together with additional measures that contribute to priority development goals, can simultaneously reduce human-caused methane emissions by as much as 45 per cent, or 180 million tonnes a year (Mt/yr) by 2030 relative to the baseline projected growth. This will avoid nearly 0.3°C of global warming by the 2040s, complement all long-term climate change mitigation efforts, and provide large benefits to public health globally. The Global Methane Pledge is working to achieve similar reductions to realize these benefits. This seminar will discuss the science underlying the Pledge as well as efforts to optimize emission reduction efforts and align them with decarbonization efforts.