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Fugitive emissions in upstream oil and gas: improving tools for detection and understanding

Methane is a powerful greenhouse gas that is receiving increased attention from government, media and regulators. Canada will phase in new, tougher methane emission regulations for the oil and gas industry starting in 2020. It is in the self-interest of established industry players to prepare in advance for these changes. In this talk, I will describe our vehicle-based emissions detection and attribution technique, ExACT, discuss results from recent survey campaigns, and ongoing improvements and modifications to the technology to hone it as a commercial service for the oil and gas industry.

For further reading, see Atherton et al.: Mobile measurement of methane emissions from natural gas developments in Northeastern British Columbia, Canada, Atmos. Chem. Phys. Discuss., 2017

<https://www.atmos-chem-phys-discuss.net/acp-2017-109/>

