



Welcome to the 49th Annual A&WMA Critical Review

Québec City, Canada, June 27, 2019



A&WMA Critical Review Committee

For more than 40 years, A&WMA has published an Annual Critical Review on a topic of critical importance to the air and waste management fields. The Critical Review Committee, which is a subcommittee of the Publications Committee, selects the review topics, solicits the authors/presenters, offers editorial guidance and critiques to the review authors, reviews the final manuscript before publication, and selects the participants for the panel discussion that follows the review presentation.

2019 Critical Review Committee

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2019 Critical Review

Advances in science and applications of air pollution monitoring: A case study on oil sands monitoring targeting ecosystem protection

Presented by Lead Author: **Dr. Jeffrey R. Brook**, University of Toronto and formerly with Environment and Climate Change Canada

Invited Discussants:

Allan H. Legge, BioSphere Solutions and formerly with the University of Calgary and the Alberta Research Council

Jason M.E. Ahad, Geological Survey of Canada and adjunct professor at l'Institut National de la Recherche Scientifique (INRS)

Calvin Duane, Canadian Natural Resources Limited and a member of Canada's Oil Sands Innovation Alliance (COSIA)

Monique Dubé, Integrated Environmental Analytics & Prediction Branch in the Environmental Monitoring and Science Division of Alberta Environment and Parks and the Science Co-Lead of the Oil Sands Monitoring Program