

Alberta Methane Field Challenge



Photo Credit: Sonoma Technology, Inc

The **Alberta Methane Field Challenge (AMFC)** is launched through PTAC's Alberta Upstream Petroleum Research Fund (AUPRF) – a unique collaborative platform between the Government of Alberta, the Alberta Energy Regulator, and industry. The strong technical team providing oversight to the project includes producers, the Alberta Energy Regulator, BC Oil and Gas Commission, Harrisburg University/University of Calgary, Cap-Op Energy, and DXD Consulting.

Building on the success of the AMFC Spring campaign we are excited to announce the AMFC 2019 Fall campaign.

The AMFC Fall campaign will provide science and data to help understand the effectiveness of methane emission detection/quantification technologies in different seasonal conditions.

Resources:

To hear more about the AMFC program from lead scientist

Arvind Ravikumar, [click here](#).

Watch a brief video on why projects like AMFC are important.

The why:

The aim of this challenge is to assess the real-world performance of new methane sensing technologies in comparison with conventional optical gas imaging-based leak detection surveys. Operators and regulators in Canada are interested in new technologies that can deliver cost-effective methane emission detection/quantification compared to conventional approaches.

The how:

The **Alberta Methane Field Challenge** will permit selected technology teams (“participants”) to participate in leak detection surveys at oil and gas facilities in Alberta. These trials will be administered by a scientific team and will take place at selected oil and gas facilities in Alberta. Participants may be invited to participate in multiple field trials. Limited funding up to \$18,000 per participant may be available to selected participants.

The who:

Applications for the **Alberta Methane Field Challenge** Fall 2019 Program are by invitation only. While we welcome all types of technologies (stationary, mobile, remote, etc.), we want to ensure a good match between our field capabilities and sensor abilities so that all parties involved can derive maximum benefit from

this study.

**The
when:**

Field trials are set to begin late Fall/early Winter 2019.

Applications Due: **11:59 pm MT on August 30, 2019**

Notification of Selection: **September 9, 2019**

Application details:

Download application (pdf)

Interested applicants should submit applications to:
albertamethanefieldchallenge@ptac.org.

Contact:

For technical or scientific questions about the **Alberta Methane Field Challenge**, please contact Arvind Ravikumar at aravikumar@harrisburgu.edu

Thank

you for your interest in the ***Alberta Methane Field Challenge***.