



Call for Papers

Deadline December 31, 2018

42nd AMOP Technical Seminar on Environmental Contamination and Response



Photo: N. Jones

June 4 to 6, 2019

Lord Nelson Hotel
Halifax
Nova Scotia
Canada



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

Canada



2019 AMOP Call for Papers

The 42nd AMOP Technical Seminar on Environmental Contamination and Response will be held from June 4 to 6, 2019 in Halifax, Nova Scotia, Canada. The AMOP Technical Seminar is an international forum on preventing, preparing for, responding to, and recovering from spills of oil and chemicals in the environment. It also deals with solutions for remediating long-term contaminated sites. AMOP is organized and sponsored by Environment and Climate Change Canada.

AMOP Abstract Submissions

Environment and Climate Change Canada is seeking papers for the 2019 AMOP Technical Seminar. You are invited to submit an abstract for a paper for possible plenary presentation. Papers should be about new research and not previously published. They should address key issues on the topics relating to either oil and other petroleum products or chemicals and hazardous materials that are listed on the next page.

Sessions will consist of 10- or 20-minute presentations, followed by 5- or 10-minute question periods. Priority will be given to presentations with accompanying papers. There may also be Speaker's Corner presentations at which results of more recent research can be discussed. Speaker's Corner presentations that are accepted will be given a slot as a poster presentation with the option to move to an oral presentation if a time slot becomes available. Researchers can also present their latest work at daily poster presentations.

The deadline for submitting abstracts is **December 31, 2018**. Abstracts should be approximately 300 words long. The Abstract Submission form is included here or is available at <https://www.canada.ca/en/environment-climate-change/services/science-technology/arctic-marine-oilspill-program.html>

Abstracts will be reviewed by an independent panel. If your abstract is accepted, an electronic copy of draft papers is due **March 22, 2019**. These papers will be peer-reviewed and checked for technical accuracy and format. Final, corrected papers must be received by **April 26, 2019** to allow time for the seminar proceedings to be prepared.

All papers that appear in the Proceedings are included annually in Elsevier's abstract and reference databases SCOPUS and Compendex. SCOPUS is the world's largest abstract and citation database of peer-reviewed literature, while Compendex is one of the most comprehensive engineering literature databases available to engineers.



Photo: Environment and Climate Change Canada



Photo: Environment and Climate Change Canada



Topics Related to Oil and Other Petroleum Products

- ❖ **Physical and Chemical Properties and Behaviour**
 - Identification and forensics
 - Emulsification and dispersion
 - Analytical techniques and instrumentation
- ❖ **Response Technologies and Countermeasures**
 - Treating agents
 - In-situ burning
 - Containment and recovery
- ❖ **Remediation, Restoration, and Rehabilitation**
 - Bioremediation
 - Phytoremediation
 - Mechanical and chemical processing
 - Site recovery
 - Decontamination
- ❖ **Fate and Effects**
 - Toxicity
- ❖ **Detection, Tracking, and Remote Sensing**
- ❖ **Modelling**
- ❖ **Contingency Planning, Preparation, and Prevention**
 - Health and safety
 - Regional response planning (RRP)
 - Risk Assessment
- ❖ **Shoreline Response**
 - Protection
 - Treatment options
 - Decisions/plans
- ❖ **Oil Impacts on Wildlife**
 - Prevention, preparedness, and emergency response (including case studies and lessons learned)
 - Treatment and associated outcomes of oiled wildlife
 - Impact assessment
 - Toxicity and other effects (sensitivity analyses, fate & effects, pathophysiological)
 - Risk of exposure analyses (spatial and temporal overlap, stochastic modelling)
 - Marine population monitoring (vital rates, recovery)
- ❖ **Case Histories and Recent Spill Experiences**
- ❖ **Tentative Special Session** – Recovery of oil from sunken vessels
- ❖ **Tentative Special Session** – Inland and freshwater oil spills

Topics Related to Chemicals and Hazardous Materials

- ❖ **Physical and Chemical Properties and Behaviour**
 - Identification
 - Analytical techniques and instrumentation
 - Profiles
 - Transportation
- ❖ **Response Technologies and Countermeasures**
 - Neutralizers
 - Containment products
- ❖ **Remediation, Restoration, and Rehabilitation**
 - Bioremediation
 - Phytoremediation
 - Chemical and physical treatment
 - Site recovery
 - Decontamination
- ❖ **Fate and Effects**
 - Toxicity
 - Wildlife
- ❖ **Monitoring and Assessment**
- ❖ **Modelling**
- ❖ **Contingency Planning, Preparation, and Prevention**
 - Health and safety
- ❖ **CBRNE Response**
 - Activity updates
 - Field trials/exercises
 - Contingency plans
- ❖ **Case Histories and Recent Spill Experiences**

Abstract Submission Form
 42nd AMOP Technical Seminar on
 Environmental Contamination and Response
 June 4 to 6, 2019

Deadline for submitting abstracts is December 31, 2018

Name	
Organization	
Street	
City	Province/State
Country	Postal Code/Zip
Telephone	Fax
E-mail	
Title of Paper	
Indicate your type of presentation. (Choose one only.)	
<input type="checkbox"/>	Paper with oral presentation <input type="checkbox"/> 10 minutes <input type="checkbox"/> 20 minutes
<input type="checkbox"/>	Speaker's Corner (oral presentation, no paper) <input type="checkbox"/> 10 minutes <input type="checkbox"/> 20 minutes
<input type="checkbox"/>	Poster <input type="checkbox"/> with paper <input type="checkbox"/> without paper
Check the session in which your presentation would be most appropriate.	
<input type="checkbox"/>	Oil
<input type="checkbox"/>	Chemical
<input type="checkbox"/>	Physical and chemical properties and behaviour
<input type="checkbox"/>	Response technologies and countermeasures
<input type="checkbox"/>	Remediation, restoration, and rehabilitation
<input type="checkbox"/>	Fate and effects
<input type="checkbox"/>	Detection, tracking, and remote sensing
<input type="checkbox"/>	Monitoring and assessment
<input type="checkbox"/>	Modelling
<input type="checkbox"/>	Contingency planning, preparation, and prevention
<input type="checkbox"/>	Shoreline response
<input type="checkbox"/>	CBRNE response
<input type="checkbox"/>	Oil Impacts on Wildlife
<input type="checkbox"/>	Case histories and recent spill experiences
<input type="checkbox"/>	Tentative Special session: Recovery of oil from sunken vessels
<input type="checkbox"/>	Tentative Special session: Inland and freshwater oil spills

Send this form along with your abstract to:

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Photo: Environment and Climate Change Canada