Call for Papers
Deadline December 31, 2018

42nd AMOP
Technical Seminar on
Environmental Contamination
and Response

June 4 to 6, 2019

Lord Nelson Hotel
Halifax
Nova Scotia
Canada

Photo: N. Jones
Environment and Climate Change Canada
Environnement et Changement climatique 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.
### 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.)
- Paper with oral presentation  □ 10 minutes □ 20 minutes
- Speaker’s Corner (oral presentation, no paper) □ 10 minutes □ 20 minutes
- Poster □ with paper □ without paper

**Check the session in which your presentation would be most appropriate.**
- Oil  □  Chemical
  - Physical and chemical properties and behaviour
  - Response technologies and countermeasures
  - Remediation, restoration, and rehabilitation
  - Fate and effects
  - Detection, tracking, and remote sensing
  - Monitoring and assessment
  - Modelling
  - Contingency planning, preparation, and prevention
  - Shoreline response
  - CBRNE response
  - Oil Impacts on Wildlife
  - Case histories and recent spill experiences
  - Tentative Special session: Recovery of oil from sunken vessels
  - Tentative Special session: Inland and freshwater oil spills

**Send this form along with your abstract to:**
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