



Call for Abstracts

43rd CLRA/ACRSD National Conference and AGM

In conjunction with

2018 Atlantic Reclamation Conference (ARC2018)

October 15 – 18, 2018

Miramichi, New Brunswick

Organized by the Canadian Land Reclamation Association (CLRA/ACRSD), Atlantic Chapter and the New Brunswick Community College (NBCC), Miramichi Campus

“Planning for the Annual 100 Year Event”



Photo from cbc.ca

This is a call for abstracts to present at the **43rd CLRA/ACRSD National Conference and AGM** held in conjunction with the **2018 Atlantic Reclamation Conference (ARC2018)** on **October 15-18, 2018** at New Brunswick Community College Miramichi Campus in Miramichi, New Brunswick. Abstracts are due May 1, 2018. Submission details are as follows and can also be found on www.atlanticclra.ca.

The conference will kick off October 15th with an evening Meet and Greet river cruise on the beautiful Miramichi River. This will be followed by two days of technical sessions, a National AGM meeting and a Gala Awards dinner. In addition, a field trip to local projects of interest will take place on October 18, 2018.



Miramichi, New Brunswick from Tourism NB

The ARC series brings together Atlantic Canada's brightest minds and practitioners focused on reclaiming, restoring, and revitalizing impacted lands and waterways. With the expansion to a national conference, there will be an increased breadth of exposure of reclamation and restoration practices from all regions across Canada and even the United States.

The overall theme for the 43rd CLRA/ACRSD National Conference and AGM /ARC2018 Event is "*Planning for the Annual 100 Year Event*", which considers how the increase in extreme weather events associated with climate change is impacting our reclamation projects and practices.

Overview

Calling all practitioners! Are you...

- ✓ a **landowner** who is engaged in a reclamation and/or remediation project on your land?
- ✓ in the business of **designing and managing** reclamation and/or remediation projects?
- ✓ a **contractor** who implements the ground related work associated with reclamation and/or remediation projects?
- ✓ a **regulator, government or agency** that oversees regulatory requirements, and has a vested interest in reclamation and/or remediation?
- ✓ a **specialist** who performs roles associated with reclamation and/or remediation projects?
- ✓ an **academic or student** looking to learn, or teach others?
- ✓ simply **interested** in the health and care of lands and waterways through reclamation and/or remediation?

If you answered **YES** to any of these questions you will not want to miss the opportunity to attend or present at the 43rd CLRA/ACRSD National Conference and AGM /ARC2018 Event!

The 43rd CLRA/ACRSD National Conference and AGM /ARC2018 Event will be held at the New Brunswick Community College Miramichi Campus, which offers an Environmental Technology diploma program focusing on the conservation of natural resources and work to heal degraded ecosystems.

The National conference and ARC series offers the opportunity for participants to network with like-minded colleagues from across the country in the industry, and learn about projects focused on reviving the well-being of lands and waterways which have been compromised due to resource, industrial and commercial use in urban and rural environments.

The conference theme is *“Planning for the Annual 100 Year Event”* which considers how increasingly regular extreme weather events associated with climate change is impacting reclamation projects. In the Atlantic Region we have experienced warmer and wetter winters along with hotter and drier summers compared to a few decades ago. Locally we experienced extreme rainfall and flooding during the 2016 Thanksgiving Day storm in Sydney, Nova Scotia. Western Canada experienced the Fort McMurray, Alberta wildfires of 2016. Hurricane Irma devastated the Caribbean and hurricane Harvey flooded large parts of Houston in 2017. Globally, 2017 was the second costliest year on record for insured losses in the private and government sponsored programs for natural disasters, at a whopping \$134 billion worldwide.

In Atlantic Canada, a warmer climate means warmer air and sea surface temperatures, which means more latent heat which equals energy and energy fuels storms. Local meteorologists tell us that we are going to see more significant storms, perhaps not more frequent, but when they do come, they will be much more intense.

Inland streams and coastal shorelines are being stressed by extreme precipitation events and rising sea levels. Many provinces and states are preparing Climate Change Action Plans to address climate change in future development. The Organizing Committee is interested in presentations that focus on what adaptations are being made in reclamation projects and restoration research to account for these changes?

We encourage former CLRA and ARC presenters to return and provide us with project updates and success stories. Technological advances, changes in techniques and methodology, and updates within the regulatory environment keep us well informed and are welcomed presentation topics.

The 43rd CLRA/ACRSD National Conference and AGM /ARC2018 Event Organizing Committee is also looking for presentations that look to the future of reclamation and restoring impacted lands. What approaches should be considered for greater project success? What strategies are most effective, efficient, and cost effective? What research and development is being carried out?

“There’s one issue that will define the contours of this century more dramatically than any other, and that is the urgent and growing threat of a changing climate.”

US President Barack Obama, UN Climate Change Summit, Sept. 23, 2014

New theme areas for 43rd CLRA/ACRSD National Conference and AGM /ARC2018 Event:

➤ How to protect coastal reclamation projects from rising sea levels?

- How are waterways impacted by more extreme precipitation events and how do we restore them, or prevent the impact to begin with?
- While doing restoration of contaminated land within municipalities, what can be done to mitigate any long term climate change impacts to the municipality?
- Are we changing our infrastructure designs to avoid having to do restoration after failure?

Common ARC Presentation Topics

- | | |
|--|--|
| ➤ Assessment and Remediation in Special Environments | ➤ Military areas reclamation |
| ➤ Banking and Insurance Provisions | ➤ Municipal/regional planning for Degraded sites |
| ➤ Brownfield Reclamation | ➤ Naturalized Storm Water |
| ➤ Climate Change Adaptation | ➤ Planning for flood control |
| ➤ Community Liaison and Involvement | ➤ Policy and Regulations |
| ➤ Watercourses & Wetlands | ➤ Reclamation and restoration for conservation |
| ➤ Contaminated Sites Regulations | ➤ Rejuvenation / restoration of degraded buildings at former industrial areas. |
| ➤ End Use Planning (Prevention) | ➤ Remediation Case Studies |
| ➤ Environmental Racism | ➤ Restoration of endangered and native species |
| ➤ Environmentally sustainable urban planning | ➤ Sustainable Revegetation |
| ➤ Fish Habitat and Passage | ➤ Storm Water Management |
| ➤ Funding programs | ➤ Technology, research and development |
| ➤ Greenbelts | ➤ Water resource management and civil design |
| ➤ Landscape planning and design | ➤ And more... |
| ➤ Long-term monitoring and Maintenance | |
| ➤ Marine/Coastal Protection and Restoration | |
| ➤ Mine Closure Planning and Design | |

Oral or Poster Presentations

If you are interested in submitting an abstract for an oral or poster presentation at the 43rd CLRA/ACRSD National Conference and AGM /ARC2018 Event, please forward abstracts to the Organizing Committee prior to *May 1, 2018* (contact information provided on the following page). Please note that a technical paper will not be required. Following the conference, presentations will be published in the ARCives section of the CLRA Atlantic Chapter website and on the National website.

Students are encouraged to present at this event. The CLRA Atlantic Chapter will again be providing reduced conference rates for students and awards for student presenters.

Further details including confirmation of venue, accommodations and conference agenda will be available soon on the CLRA Atlantic Chapter website (<http://atlanticclra.ca/about-arc2018/>).

FINAL ABSTRACT FORMAT SPECIFICATIONS

**43rd CLRA/ACRSD National Conference and AGM /ARC2018 Event
Miramichi, NB,
October 15 – 18, 2018**

Presentation Title:

Keep it short, Max 2 lines.

Authors: A Person¹, A.N. Other², A. Third³, and A.N.Y. More⁴

¹ Affiliation 1 - do not include the mailing address here!

² Affiliation 2 - For example, Cape Breton University, Sydney, NS, or

³ Affiliation 3 - Company name, Halifax, NS

⁴ Affiliation 4 - ***Contact info will be summarized elsewhere (see below)

Abstract:

Conference language is English. No translation service will be provided. The abstract must be written in English using *Microsoft Word*. Total length of abstract, including authors and affiliations should be no longer than 22 lines. No graphics or footnotes allowed. Please use Calibri font, 12pt with single-line spacing.

Contact Information:

Please forward all abstracts via email to **Rhett Thompson** (rthompson@dexter.ca) prior to May 1, 2018.