



NWMDER-2019
Program Outline – as of 2019 June 5



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Sunday, September 8

17:00 Conference Registration; Exhibits Open
18:00-20:00 Conference Opening Reception

Monday, September 9

8:00-8:15 Indigenous Opening Prayer and Drum Song
 Opening prayer led by Elder Diane Longboat
 Drum song led by Elder Donna Augustine

8:15-8:30 Welcoming Message from Conference Host and Conference Chair

8:30-10:00 Plenary 1A (Panel Discussion) - Community and Indigenous Engagement

Chair: *Bob Watts (NWMO)*
 Panel Speakers:
Cheryl Fort (Mayor, Hornepayne)
Mitch Twolan (Mayor, Huron Kinloss)
Clayton Wetelainen (President Aboriginal People of Wabigoon)
Diane Longboat (Council of Elders and Youth for NWMO)

10:00-10:20 Break

10:20-12:00 Plenary 1B - Environmental Remediation

Chair: *TBD*
 Environmental Remediation Beginning to End, *Kim Baines (IAEA)*
 Development of the End-State Criteria for the Closure of the Whiteshell Laboratories, *Miles Smith (CNL)*
 Canadian Uranium Mine Sites Cleanup/Risk Mgmt. Approach, *Ian Wilson (Saskatchewan Research Council)*
 Decision Making for Path Forward of Closed Beaverlodge Mine Site, *Bruce Halbert (Canadian North Environmental Services)*
 From Hazardous Waste to Intermediate-Level Waste: Enabling the Remediation and In-Situ Management of WL Trenches, *Sean Gamley (CNL)*

12:00-13:30 Lunch with Guest Speaker (TBD)

13:30-17:30 Parallel Technical Sessions (Break mid-afternoon)

- **M-1, Government Policies, Programs and Oversight**
- **M-2, Uranium Mining & Milling Waste Management**
- **M-3, Low Level, Intermediate Level and Mixed Waste Management**
- **M-4, DGR Engineering and Material Science (1)**
- **M-5, DGR Design and Safety Case**
- **M-6, Waste Characterization, Processing, Packaging and Waste Minimization**

Tuesday, September 10

8:00-9:50 Plenary 2A - Waste Repository Siting in Canada

Chair: *Jim Delaney (NRCAN)*
 Title TBD, *Lise Morton (OPG)*
 Canadian Nuclear Laboratories Siting Of The Near Surface Disposal Facility For The Low-Level Waste at The Chalk River, *Meggan Vickerd (CNL)*
 Site Selection Update – Moving Towards Partnership, *Mahrez Ben Belfadhel (NWMO)*
 Title TBD, *Karine Glenn (CNSC)*
 Title TBD, *Paul McClelland (AECL)*

9:50-10:10 Break

10:10-12:00 Plenary 2B - Advancement in Decommissioning and Updates on Current Decommissioning Projects

Chair: *Meggan Vickerd (CNL)*
 Update on Gentilly-2 Decommissioning, *Steve Plante (Hydro-Québec - Gentilly-2 facilities)*
 Update on Pickering Decommissioning Plans, *Jessica King (OPG)*
 Prototype Reactor Decommissioning Progress (NPD, Douglas Point, Gentilly-1), *Kristan Schruder (CNL)*
 Chalk River Laboratories - Decommissioning Progress, *Caley Griener (CNL)*

12:00-13:30 Lunch

13:30-17:30 Parallel Technical Sessions (Break mid-afternoon)

- **T-1, Stakeholder Engagement (1)**
- **T-2, Indigenous Participation in the Nuclear Industry**
- **T-3, Decommissioning (1)**
- **T-4, Disposal Facilities for Long-term Management of Low-Level Waste**
- **T-5, DGR Engineering and Material Science (2)**
- **T-6, Used Fuel Management and Transportation**

18:30 Cocktails and Conference Banquet

Wednesday, September 11

8:00-12:00 Parallel Technical Sessions (Break mid-morning)

- **W-1, Stakeholder Engagement (2)**
- **W-2, DGR Siting**
- **W-3, Decommissioning (2)**
- **W-4, Environmental Remediation**
- **W-5, Alternatives, Recycling and SMRs**

12:00-13:30 Lunch

13:30 - 15:00: Plenary 3A (Panel Discussion) - International Policy and Implementation for Decommissioning and Waste Management

Facilitator: *Paul McClelland (AECL)*
 Panel Speakers:
Mika Pohjonen (Finland)
Ann McCall (UK)
Richard Poisson (France)
Samantha Chard (Australia)
Emilio Garcia Neri (Spain)

15:00-15:20 Break

15:20-16:50 Plenary 3B - Strategies in R&D for Decommissioning and Waste Management

Chair: *Vasile Bostan (OPG)*
 Roadmap for Technology Development to Support CANDU Decommissioning and Long-Term Waste Management, *Paul Dinner (COG)*
 Targeted R&D Based on UK Decommissioning Experience and Learning From Our Successes & Failures, *Ian Wiggington (Nuvia Consulting)*
 Overview of EPRI Research and Development Projects in Decommissioning Technology, *Rick Reid (EPRI)*
 Robotic Digitization and Digital Twins for Nuclear Decommissioning, *Sriram Narashimhan (University of Waterloo)*

16:50-17:00 Closing remarks

Thursday, September 12

Technical Tours