

Youth Engagement: NWMO Activities

Updated: Nov. 29, 2012

Activity	Date
Youth Science Organizations	
Presentation and Hands-on Activities to the Girls Science Club (Grade 5 students) focused on rocks, minerals, fossils and "What Do Geologists Do"?	2010
Youth Science Canada - NWMO Sponsorship of Team Canada for the MILSET Expo-Sciences International Competition	2008-2011
Youth Science Canada - NWMO Support for Bronze medal winners at 2012 Canada-Wide Science Fair	2012
Actua Sponsorship - NWMO sponsorship of Aboriginal Youth science camps and workshops	2009 - 2010
Community Investment Program - NWMO grants for 15 local projects involving youth and community engagement.	2009-2010
Canada-Wide Science Fair - Tradeshow Participation	2008 - 2012
Presentations to Shad Valley Summer Enrichment Program on "Long-term Management of Canada's Used Nuclear Fuel" (Lakehead University, University of New Brunswick, Queen's University, University of Waterloo, McMaster University, Carleton University)	2010 - 2012
Toronto Wide Science Fair - NWMO staff judges	2010-2011
School Science Programs (Elementary, Secondary)	
Upon invitation of school principals in siting communities, the NWMO provides presentations to elementary and high school students in the classroom and welcomes school groups to the community Open House to learn more about the project	May 2010 - Ongoing
Post-Secondary Presentations	
Technical	
Presentation to Geology students (4th Year) on the NWMO and Deep Geological Repository project (Queen's University)	November, 2006
Presentation to Geology students (4th Year) on the NWMO and Deep Geological Repository project (Queen's University)	November, 2007
Presentation to 4th Year Engineering students on nuclear waste management and corrosion issues of used fuel containers (University of Ottawa)	April, 2008
Presentation to Geology and Geological Engineering students on the "Long-term Management of Canada's Used Nuclear Fuel" with a special focus on the NWMO's geoscience research and development program (Queen's University)	October, 2008
Presentation to the Masters Engineering students on the management of low and intermediate level radioactive waste (University of Western Ontario)	June, 2009
Presentation to Geology and Geological Engineering students on the "Long-term Management of Canada's Used Nuclear Fuel" with a special focus on the NWMO's geoscience research and development program. (Queen's University)	October, 2009
Presentation to Nuclear Engineering students (4th Year) on Adaptive Phased Management and the "Long-term Management of Canada's Used Nuclear Fuel" (University of Ontario Institute of Technology)	October, 2009
Presentation to Occupational Health and Safety students on nuclear waste management. (Ryerson University)	November, 2009
Presentation to UOIT Graduate students on the APM Technical Program (University of Ontario Institute of Technology)	March, 2010

Presentation to Engineering students (4th Year) on nuclear waste management and used fuel container design (University of Ontario Institute of Technology)	May, 2010
Presentation to University of Western Ontario Professors of Civil Engineering on the APM Technical program (University of Western Ontario)	December, 2010
Guest Lecture to the (3rd Year) Research Seminar in Environmental Science on "Long-term Management of Canada's Used Nuclear Fuel" (University of Toronto - Scarborough Campus)	February, 2011
Presentation to the Microbiology Research Group on "Long-term Management of Canada's Used Nuclear Fuel" (Ryerson University)	February, 2011
Presentation to the Mining Engineering Department on the research, development and design aspects of the APM deep geological repository project (Queen's University)	March, 2011
Presentation to Engineering students, Hydrogeology course "Overview: Ontario Power Generation's Proposed Deep Geologic Repository" (LILW) (University of Guelph)	June, 2011
Presentation to Engineering students (4th Year) on Nuclear Waste Management and Used Fuel Container Design (University of Ontario Institute of Technology)	October, 2011
Presentation to Departmen of Geology course Hydrogeology and Contaminant Transport - "An Introduction to Hydrogeologic Aspects of the Deep Geological Repository Concept for Nuclear Waste Management" (University of Toronto)	October, 2011
Presentation to Department of Geology students "Siting of the Canadian Used Nuclear Fuel Deep Geological Repository" (Lakehead University)	November, 2011
Seminar Presentation to Department of Physical and Environmental Sciences "The Nuclear Waste Management Organization: Geosciences Overview" (University of Toronto -Scarborough Campus)	November, 2011
Presentation to the Department of Physical and Environmental Science (4th Year): "An Introduction to Canada's Adaptive Phased Management (APM) Plan for Used Nuclear Fuel/Overview of NWMO's APM Geoscience Applied Research Program" and "Glaciation and Geosphere Evolution - Greenland Analogue Project". Course: Current Questions in Mathematics and Sciences (University of Toronto - Scarborough Campus)	January, 2012
Seminar Presentation to the Department of Earth Sciences: "The Nuclear Waste Management Organization: Geosciences Overview" (University of Ottawa)	January, 2012
Guest Lecture to the Department of Physical and Environmental Science: "An Introduction to Canada's Adaptive Phased Management (APM) Plan for Used Nuclear Fuel/Overview of NWMO's APM Geoscience Applied Research Program" and "Microbiological Considerations for the Performance of a DGR for Used Nuclear Fuel". Course: Research in Environmental Science (University of Toronto - Scarborough Campus)	February, 2012
Guest Lecture to the Department of Civil and Environmental Engineering: "An Introduction to Canada's Adaptive Phased Management (APM) Plan for Used Nuclear Fuel/Overview of NWMO's APM Geoscience Applied Research Program". (University of Waterloo)	February, 2012
Seminar Presentation to the Department of Civil Engineering: "The Nuclear Waste Management Organization: Geosciences Overview" (McGill University)	March, 2012
Guest Lecture to the Department of Physical and Environmental Science: "An Introduction to Canada's Adaptive Phased Management (APM) Plan for Used Nuclear Fuel/Overview of NWMO's APM Geoscience Applied Research Program". Course: Master of Environmental Science (University of Toronto - Scarborough Campus)	March, 2012
Guest Lecture to the Department of Earth Sciences: "An Overview of NWMO's Geoscience Activities in Support of a Deep Geological Repository for Used Nuclear Fuel". Course: Earth Processes, Resources and the Environment (University of New Brunswick)	March, 2012

Seminar Presentation to the Department of Civil Engineering: "Overview of Engineering Design, Research & Development - The Long-Term Management of Canada's Used Nuclear Fuel " (Queen's University)	October, 2012
Guest Lecture: "The Nuclear Waste Management Organization: Geosciences Overview" (University of Toronto)	October, 2012
Guest Lecture: "The Nuclear Waste Management Organization: Geosciences Overview" (University of Calgary)	November, 2012
GeoEngineering Centre - Graduate Lecture Series: "The Nuclear Waste Management Organization: Geosciences Overview" (Queen's University)	November 14, 2012
Guest Lecture to the Department of Earth Sciences: "The Nuclear Waste Management Organization: Geosciences Overview". Course: 3rd Year Hydrogeology (Queen's University)	November 14, 2012
Course Project Support - Nuclear Waste Management. Project Course in Sustainable Energy. (University of Calgary)	November 2012
Social	
Presentation to the University of Guelph Graduate Class: "Engaging Communities in Public Planning" (University of Guelph)	October 19, 2011
Presentation to Durham College - UNENE Class on Waste Management	June 2011
Presentation to the Department of Geography (4th Year) Undergraduate Class: Environmental Impact Assessment (University of Guelph)	February 16, 2012
Postgraduate Studies	
Natural Sciences and Engineering Research Council (NSERC) - Support to 7 candidates through the Industrial Postgraduate Scholarships (IPS) Program since 2009. (Universities of Toronto, Waterloo, New Brunswick, Queen's and University of Ontario Institute of Technology)	2009 - present
Ph.D. Candidate - Thesis "Water/Rock Interaction Related to Mineralogy, Paleoclimate, and Long Term Rock Stability Studies" (University of Waterloo)	2010 - present
Ph.D. Candidate - Thesis "Porewater extraction from low porosity sedimentary rocks" (University of New Brunswick)	2011 - present
Support to Chair, Indigenous Governance, Ryerson University	2009-2012
Support to Chair, Nuclear Fuel Disposal Chemistry, University of Western Ontario	2006-2010
Career Fairs, Summer and Cooperative Education Students	
2 Students hired - Aboriginal Relations	2008
2 Co-operative Education students hired - Repository Engineering and Regulatory Affairs	2010
2 Co-operative Education students hired - Repository Engineering	2011
NWMO participation in tradeshow at Pinehouse School Career Day	2011
2 Summer Students hired - Regulatory Affairs and Used Fuel Container Development	2012
Student and Young Professional Science Associations	
Presentation to students in attendance at the Canadian Nuclear Association (CNA) Conference - NWMO, future growth and job opportunities	February, 2008
Presentation to Women in Nuclear (Kincardine, ON) - Youth Participation	October 25, 2012
Aboriginal Youth Forums	
Youth Outdoor Wellness Conference - Ile-a-la-Crosse Friendship Centre, SK	2005 - 2011
NWMO Summer Student Project - Projects to explore two-way communication with Aboriginal peoples and build awareness and understanding	2007-2008

NWMO Elders Forum #4 - Youth Participation and Seperate Youth Meeting (June 2008)	June 4, 2008
NWMO Elders Forum #5 - Youth Participation (March 2009)	March 31, 2009
NWMO Elders Forum #6 - Youth Participation (July 2009)	July 28, 2009
NWMO Elders Forum #7 - Youth Participation and Seperate Youth Presentation (July 2010)	July 13, 2010
NWMO Elders Forum #8 - Youth Participation (October 2010)	October 21, 2010
NWMO Elders Forum #9 - Youth Participation (July 2011)	July 2011,
NWMO Elders Forum #10 - Youth Participation and Seperate Youth Meeting (November 2011)	November 2011
Niigani Meetings 2008 - Youth Attendance (4 meetings); Niigani Meetings 2009 - Youth Attendance (5 meetings); Niigani Meetings 2010 - Youth Attendance (5 meetings)	2008, 2009, 2010
Aboriginal Energy Forum (Niigani Youth Participation)	2007
"Youth Understanding Used Nuclear Fuel Seminar" (Niigani Youth)	May 21-22, and October 22, 2010
Niigani Youth participation at Chiefs of Ontario Dialogue Meeting	November 16-20, 2009
Traditional Knowledge Project and follow-up Traditional Knowledge Workshop - Niigani Youth Participation	2008
Community Involvement Project - Niigani Youth Participation	2010
Youth Information Session - Grand Council Treaty #3	August 22, 2012
Giibimidowing Gidakiiminaan – Keeping, Respecting and Caring For Our Land - Treaty #3 Youth & Elder Forum	
NWMO Youth Roundtable	
NWMO Youth Roundtable (4 in-person meetings, online forums, Advisory Council presentation)	2008-2009
NWMO Progress Report to Youth Roundtable	2010
Social Research and Dialogue	
E-Dialogues Among Young Canadians	November 29, 2004
Public Attitude Research Surveys	2003, 2004, 2005, 2008, 2009
Citizen Panels - (2007) Phase 1 - General Review of NWMO Materials; (2008) Phase 2 - Review of Summary of Study Findings and Explored Objectives; (2008) Phase 3 - Draft Implementation Plan; (2008) Phase 4 - Developing the Site Selection Process	2007, 2008
Multi-Party Dialogues	September and October 2008 - 2009
Focus Groups (4) - NWMO Backgrounder	May 2010
Focus Groups (4) - NWMO Exhibit	October 2010
Communications Materials and Resources	
Online Virutal Exhibit (under development)	2012