

2023 Summer Institute - Energy Futures

July 4-8, 2023



Tuesday, July 4	Wednesday, July 5	Thursday, July 6	Friday, July 7	Saturday, July 8
Edmonton -> Lac La Biche	Lac La Biche→Fort McMurray	Fort McMurray→Fort Saskatchewan	Fort Saskatchewan/Sherwood Park	Fort McMurray → Edmonton
<p>Welcome and Introductions & Energy 101</p> <p>Alberta on the national energy stage - demystifying the buzz words</p>	<p>SAGD Site Tour</p> <p>Discover how bitumen is extracted from deep underground through in situ recovery technologies and how one of Canada's largest oil and gas companies is addressing GHG emissions and sustainability</p>	<p>Mining Site Tour</p> <p>Get an up close look at the process behind surface mining of Alberta's oil sands, the tour will include reclamation for oil sands tailings.</p>	<p>Net-Zero and Clean Fuels Site Tours</p> <p>Spend the morning checking out the current innovations that are driving the energy sector including carbon capture, biofuels, and hydrogen!</p>	<p>Classroom Connections Workshop</p> <p>Take what you've learned and brainstorm how to apply it in your classroom</p>
<p>Carbon & Climate</p> <p>Dig deep into the connection between carbon management, climate</p>		<p>Boreal Wetlands and Reclamation</p> <p>Get your feet wet in the wild world of boreal wetlands while exploring these massive carbon sinks.</p>	<p>Pipeline Connections</p> <p>Check out how major pipeline companies manage the lines that link the entire system together.</p>	<p>PROGRAM WRAP UP</p>
<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
<p>Climate Change Research</p> <p>Get a firsthand look at the research driving innovation in the energy sector</p>	<p>Environmental Monitoring - Air, Water & Wildlife</p> <p>Participant in some hands on activities that connect climate change boreal ecology</p>	<p>Alberta's First Nations & Energy - Renewables In Northern Communities</p> <p>Find out how renewables are transforming northern Canada's energy story</p>	<p>Renewable Energy Technologies</p> <p>Tour stops en route will explore the role of alternative and renewables on Alberta's energy landscape</p>	<p>Schedule is TBC and subject to change</p>
<p>TRAVEL TO Lac La Biche</p> <p>A road side view of the intersection between ecosystems and land use as we travel north</p>	<p>Oil Sands Discovery Centre and The Pathway to Net-Zero Panel Discussion</p> <p>The role of Alberta's oil sands in the pathway to net-zero</p>	<p>TBC - Tour & Travel To Fort Saskatchewan</p>		
<i>Dinner</i>	<i>Dinner</i>	<i>Dinner</i>	<i>Dinner</i>	
Lac La Biche Overnight	Fort McMurray Overnight	Fort Saskatchewan Overnight	Fort Saskatchewan Overnight	