

2024 Summer Institute - Grasslands July 2 - 5th, 2024

Tuesday, July 2	Wednesday, July 3	Thursday, July 4	Friday, July 5
Calgary → Pincher Creek	Pincher Creek → Lethbridge	Lethbridge → Medicine Hat	Medicine Hat → Calgary
<p>Welcome and Introductions & Sustainable Development Goals 101</p> <p>Get to know the program and your colleagues from across Canada in this energizing introduction to the grasslands region! Led by the program facilitators at Inside Education.</p>	<p>Biodiversity in the Castle Region</p> <p>The Castle region is one of the most biodiverse places in the province. Uncover the importance of the Crown of the Continent ecosystem to the watersheds, wildlife corridors, and more.</p>	<p>Species at Risk: Cottonwood Trees</p> <p>Cottonwood trees are an integral species to the riparian areas of the grasslands region. We'll be joining the City of the Lethbridge on an exploration of the conservation and regeneration projects happening along the Oldman River. We'll even have the chance to plant our own cottonwood saplings!</p>	<p>Farm to Classroom Programming</p> <p>Take a look at agriculture education at work in the classroom.</p>
<p>The Grasslands Big 3: Water, Energy and Agriculture</p> <p>The stage will be set with expert talks and lab tours designed to provide an overview of the food-water-energy nexus and how research is driving our understanding of the intersection between these three elements.</p>	<p>Classroom Connections Workshop</p> <p>Explore resources and activities available through Inside Education relevant to this region of the province.</p>	<p>Cool Coulees</p> <p>Get a unique guided tour of the Helen Schuler Nature Centre and learn more about the coulee ecosystems of the grasslands.</p>	<p>Classroom Connections Workshop</p> <p>Take what you've learned and brainstorm how to apply it in your classroom.</p> <p>PROGRAM WRAP UP</p>
	<p>Carbon Capture on the Grasslands</p> <p>Investigate the importance of grasslands in carbon sequestration and on-farm technology that is helping to capture greenhouse gas emissions.</p>		
<i>Lunch</i>	<i>Lunch</i>	<p><i>Lunch and Learn: Biofuels</i></p> <p>We'll join with Shad Canada and their student program to learn about the future of biofuels at the University of Lethbridge.</p>	<i>Lunch</i>
<p>Working Research Ranch Tour</p> <p>Get a firsthand look at the operations at a working ranch, part of the University of Calgary.</p>	<p>Life on the Land: Indigenous Speakers and Workshops</p> <p>We will join with elders and knowledge keepers of the local Blackfoot people to learn more about the cultural and natural history of the region. We will also see environmental projects implemented by the Piikani Secondary High School students.</p>	<p>Impactful Irrigation</p> <p>Discover how irrigation canals, pivots and more work to see how this technology allows Alberta farmers to feed the world.</p>	<p>Travel back to Calgary</p> <p>Schedule is TBC and subject to change</p>
<p>Grassland Grazers</p> <p>Meet with local producers to learn about cattle and the importance of grazing animals to the grasslands and carbon sequestration.</p>		<p>Plentiful Producers</p> <p>Make some stops at various producers to learn about different crops grown across southern Alberta and the technology and policies needed to support them.</p>	
Travel to Pincher Creek	Travel to Lethbridge	Travel to Medicine Hat	
<i>Dinner</i>	<i>Dinner</i>	<i>Dinner</i>	
Pincher Creek	Lethbridge	Medicine Hat	

