

ALUS Canada (1/6)

Project Name: Advancing Regenerative Agriculture as a Climate Adaptation Tool to Build Community and Landscape Resiliency in the Prairies

Prairies Audience: Agricultural Sector, Farmers, Technical Advisory Committees

Location: Manitoba, Saskatchewan and Alberta

Funding from ClimateWest: \$50,000

Project Length: 2 years



Project Summary: ALUS is working to advance the knowledge transfer practices surrounding regenerative agriculture in the prairies by facilitating engagement, education, and expertise. The objective of this project is to enhance understanding and adoption of regenerative agriculture principles, fostering the transition to more sustainable and resilient agricultural practices in the Prairie provinces. The project will include the production of four videos in partnership with regenerative agriculture participants, further local research that contributes to the Bird-Friendliness Index, extended training and peer support and development of support materials.

City of Saskatoon (2/6)

Project Name: Economic Value of Natural Assets in a Changing Prairie Climate

Prairies Audience: Municipalities, City of Saskatoon, Meewasin Valley Authority, Natural Assets Initiative, Saskatoon Regional Economic Development Authority, Partners for Growth (P4G), local business associations, First Nations and Métis communities, organizations and businesses undertaking climate resilience planning.

Location: Saskatoon, Saskatchewan

Funding from ClimateWest: \$50,000

Project Length: 2 years



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City of
Saskatoon

Project Summary: Saskatoon's natural assets - including trees, wetlands, forests, grasslands, and the river - provide services that are not always accounted for in green space planning and investment decisions. This project will study the economic benefits of natural assets in the urban prairie context. The study will examine the climate risks and ecosystem services of one or more natural assets, establishing a methodology that can be applied to other natural assets in the region.

The results will support land use planning for prairie municipalities by demonstrating the value of services provided by natural assets under the plausible range of future climate scenarios; and build the business case for protecting natural assets and investing in their restoration and management.

FortWhyte Alive (3/6)

Project Name: Nature-based Climate Adaptation Education Project

Prairies Audience: Educators, School Groups

Location: Winnipeg, Manitoba

Funding from ClimateWest: \$50,000

Project Length: 2 years



Project Summary: FortWhyte Alive is a reclaimed 660-acre urban green space dedicated to connecting people with the natural world and promoting sustainable ways of living. ClimateWest funding will support prairie educators in bringing climate change adaptation education to their classrooms through the development of a new program for teachers consisting of a one-day on-site workshop with accompanying virtual resources on climate change education and adaptation. Once the program has been piloted, these resources will be shared widely with educators across the prairie region. In addition, ClimateWest funding will be used to expand the existing educational, training, and programming capacity at FortWhyte Alive through the creation of a dedicated Climate Science Interpreter position to review programming and ensure all materials accurately reflect the most current research on climate adaptation.

FortWhyte Alive's school programming is delivered to over 35,000 students each year. As programming and resources developed with ClimateWest funding will continue to be delivered and shared beyond the funding period, FortWhyte Alive will reach thousands of students and educators each year throughout the lifespan of this program.

NSWA - North Saskatchewan Watershed Alliance (4/6)

Project Name: A Needs Assessment for Drought Resiliency in Treaty No. Six First Nations Project

Prairies Audience: First Nations, Métis communities, municipal governments, emergency planners, and industry planners

Location: Treaty No. Six, Northern Alberta, Northern Saskatchewan

Funding from ClimateWest: \$49,320

Project Length: 1 year



Project Summary: The Needs Assessment for Drought Resiliency in Treaty No. Six First Nations Project aims to enhance the abilities of First Nations in Treaty 6 territory (in the Alberta region) to adapt to changing climate conditions through effective drought planning, collaboration, and the development of planning and response tools that meet the needs of First Nations. The project will draft a Drought Planning Needs Assessment that incorporates a review of existing materials and insights from First Nations within Treaty 6 territory in Alberta to build awareness and enable collaboration on drought planning and response among First Nations and with neighbouring municipalities.

Prairie Climate Centre (5/6)

Project Name: Climate Analogues Tool

Prairies Audience: Prairies

Location: Winnipeg, Manitoba

Funding from ClimateWest: \$50,000

Project Length: 1 year



Project Summary: Spatial Analogue - maps that highlight regions with a present-day climate similar to the future climate for a given location and season—are an effective method of visualizing future climate information, and therefore can be useful tools for adaptation. By anticipating whose climate we will have in the future, we can begin planning that creates innovative policy and encourages resilient communities. The PCC has developed spatial analogue maps for 79 locations in the Prairie Provinces, based on available station data. For each location, monthly/seasonal/annual analogue maps have been developed. This project would continue development of the Climate Analogues from the initial project funded by ClimateWest in 2022 and build out the application as a featured add-on to the [Climate Atlas of Canada](#).

Resilient Rurals (6/6)

Project Name: Resilient Rurals Model

Prairies Audience: Rural and Indigenous communities

Location: Bruderheim, Alberta

Funding from ClimateWest: \$50,000

Project Length: 1 year



Project Summary: Development of an innovative model and toolkit that will guide small, rural, and Indigenous communities in establishing diverse regional partnerships to address their significant and unequal vulnerabilities to climate change. The model will be developed through the engagement of key collaborators from these communities across Alberta, Saskatchewan, and Manitoba, including Indigenous advisors, municipalities, non-profit organizations, education research institutions, businesses, chambers of commerce, etc. to empower under-resourced and equity-deserving communities across the Prairies to create successful regional partnerships that will stimulate the sharing of knowledge, resources, and supports. Resilient Rurals will create a toolkit documenting this project's process and capturing regional partnerships to activate regional resources and improve the vulnerability of communities in the face of a changed and changing climate.