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# Prairie's Got the Goods Week!

## Disentangling the Role of Prairie Wetlands in Flood Prevention



Tuesday March 7th, 2022 at 12:00pm CST

Presenters: Dr. Chris Spence, Environment and Climate Change Canada

Register for Free: <https://attendee.gotowebinar.com/register/7303605364211479308>

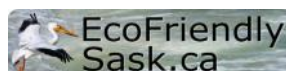
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## **Presentation Summary:**

The ability of depressional wetlands in the Canadian Prairie to store water has been well documented. However, it can be difficult to disentangle the effect of climate and changing wetland distribution on how this storage mitigates floods. In this presentation, we will discuss recent research that explains the sometimes seemingly contradictory findings of past studies. We will also show why retaining wetlands on the landscape is of growing importance in light of projected changes in climate.

## **Biography**

Chris was born in Hanna, Alberta and raised in Regina, Saskatchewan. Chris holds a B.A. (Hons.) and M.Sc. from the University of Regina and a Ph.D. from McMaster University. He works as a research scientist for Environment and Climate Change Canada in Saskatoon. He holds adjunct professor appointments at the Universities of Saskatchewan and Manitoba. His research focuses on better understanding hydrological and hydrometeorological processes in cold regions for environmental prediction systems and policy development. His field studies have taken him across Canada, but these days the focus is on the Canadian Shield and Prairie, as well as the Laurentian Great Lakes. Away from work, he enjoys mountain biking, backpacking, and drumming with the North Saskatchewan Regiment Pipes and Drums.