## 'Water' We Doing Here?

2018 ALMS Annual Workshop September 28, 2018

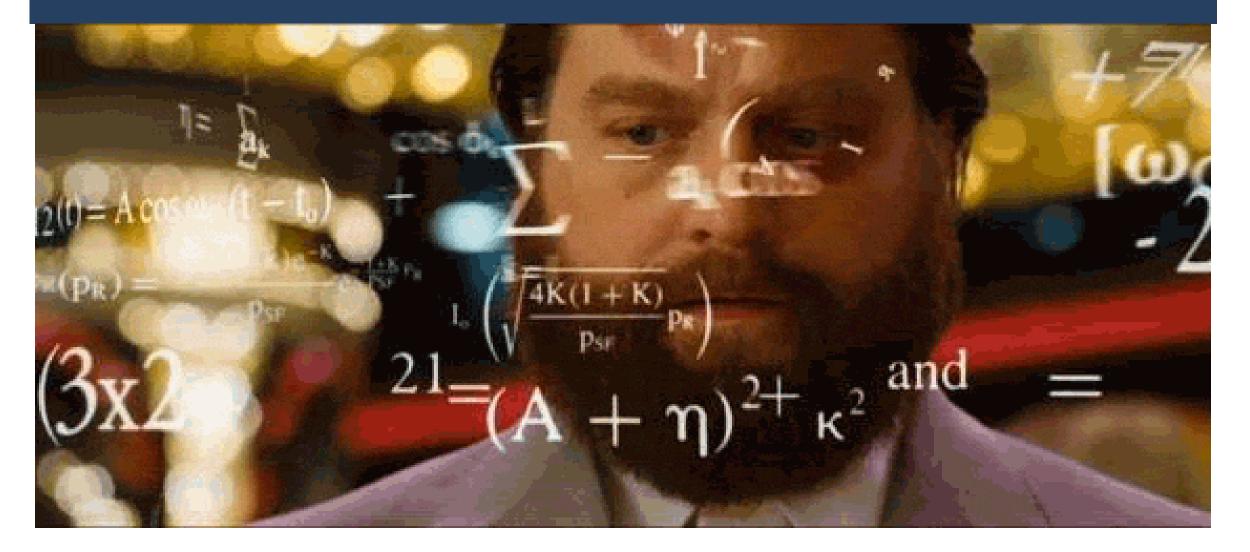


## What People Think We Do

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## What We ACTUALLY Do



## The Red Deer River Watershed



- Covers an area of 49, 650 km<sup>2</sup>
- 724 km long, 5 Natural Regions
- Home to 300,000 people
- Encompasses 55 Urban Centres
- 18 Rural Municipalities
- Over 13,000 farms
- Over 130,000 oil and gas wells
- Over 78,000 km of pipelines

## Rocky Mountains

## Foothills

## **Boreal Forest**

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## Parkland

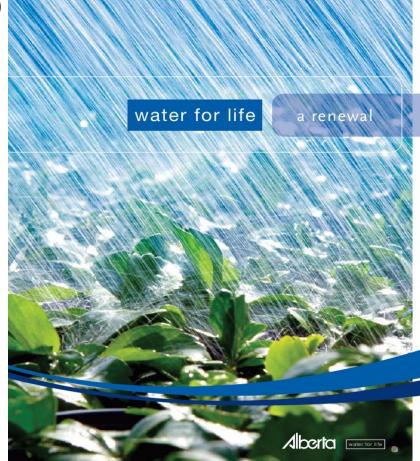
## Grassland

## About the RDRWA

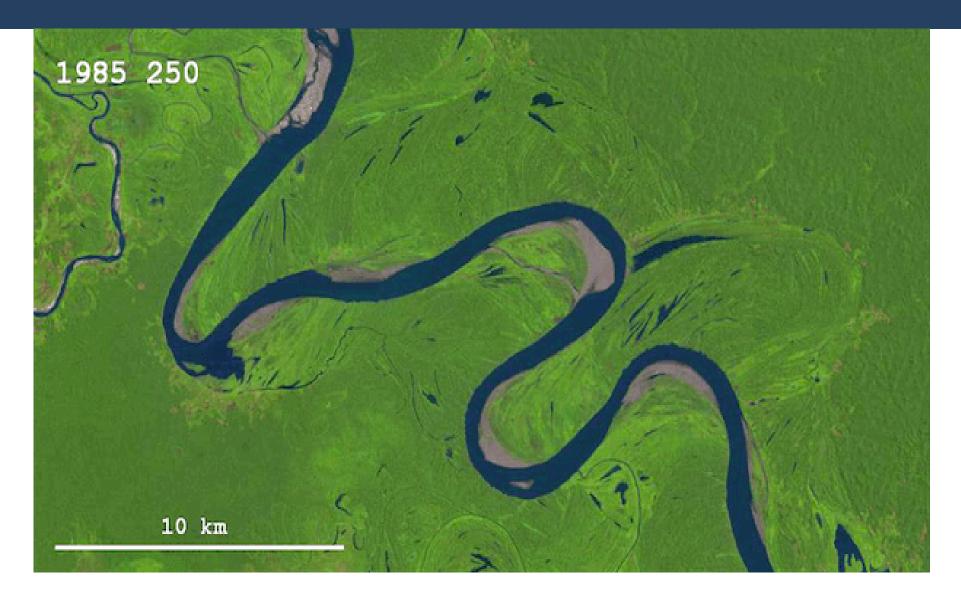
- One of 11 Watershed Planning and Advisory Councils(WPACs)
- Partner in the delivery of Alberta's Water for Life Strategy
- Multi-sector, not for profit

WPACs have five key responsibilities:

- 1) Lead in watershed planning
- 2) Foster stewardship activities
- 3) Report on the state of the watershed
- 4) Educate users on the importance of water resources
- 5) Develop beneficial best management practices



## Over Time, Some Things Change



#### Priorities for Watershed Management

#### The health of the Red Deer River watershed is vital to:



Sourcewater Protection



Fisheries and Lake Management



Stormwater Management



Flood Mitigation

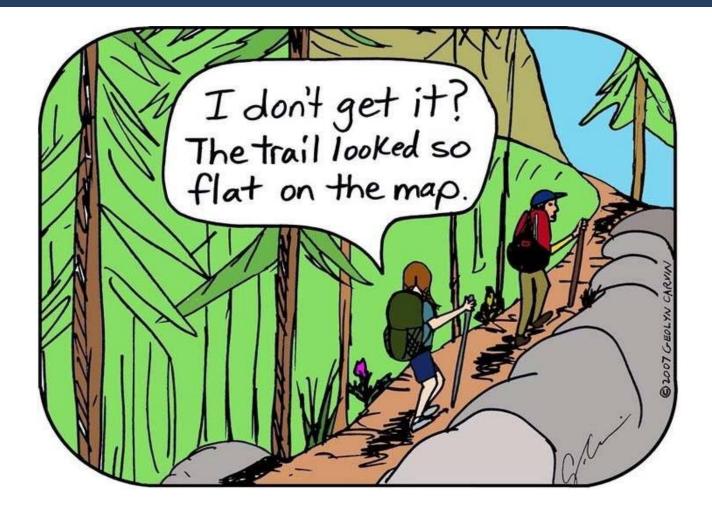


Wetlands and Riparian Areas



**Drought Mitigation** 

#### Some areas require a new approach...



## **Current Initiatives**

- 2010 State of the Watershed Report.
- 15 Sub-watersheds looking at issues such as wetland loss, water quality and risks
- 4 Background Technical Reports: Water Quality; Land Use; Water Quantity; Biodiversity
- Blueprint: Integrated Watershed Management
  Plan on Water Quality
- 6 Action Pathways, linked to Regional Planning







Red Deer River State of the Watershee





## Action Pathways



Creating Municipalities of the Future



Promoting Ecological Function

Building Alberta Water Narratives



Upholding Indigenous Voices

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Strengthening Water Security



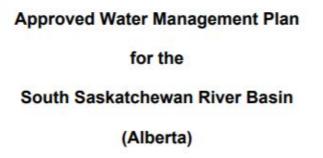
Supporting Food Production of the Future



# Partnership with ALMS

## X-Stream Science





August 2006

Alberta Environment

## 10 Year Review of SSRB

## Riparian Restoration

Increasing Awareness of Decision-Makers

## Reaching New Audiences

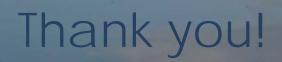
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## Looking to the future...

## We don't have a crystal ball



## But we DO have the right tools!



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