

# Watershed Resilience & Mitigation Branch

Water North Coalition Meeting

Le Crete, AB

June 23, 2016

# The Alberta Community Resilience Program (ACRP)

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- **\$500 Million, 10-year Provincial Grant Program available to municipalities in support of long-term resilience to flood and drought impacts.**
  - **Program Priorities:**
    - Protection of Critical Infrastructure
    - Mitigate Public Safety Hazards
  - **Project Outcomes:**
    - Mitigation to protect critical infrastructure
    - Waterway Restoration
    - Sustainable Stormwater Management
    - Acquisition & Relocation where appropriate

# ACRP Eligible Applicants & Cost-Share

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- **ACRP provides grants to First Nations, Improvement Districts, Metis Settlements, Municipalities, and Special Areas.**
- **ACRP is a cost-shared program between a municipality and the province**
  - **AEP provides 90% of the engineering and construction costs up to \$3 million and 70% of costs in excess of \$3 million**

# ACRP in Northern Alberta

Community	Project	Grant Value
Town of Manning	Waterline Remediation	\$270,160
Town of Peace River	Pat's Creek Flood Mitigation: Phase I	\$2,295,000
Town of Whitecourt	Athabasca River Erosion Control	\$2,000,000
Town of Peace River	Pat's Creek Flood Mitigation: Phase II	\$2,070,000
Westlock County	Range Road 272 Road Relocation	\$400,500

# ACRP: Flood and Drought Examples

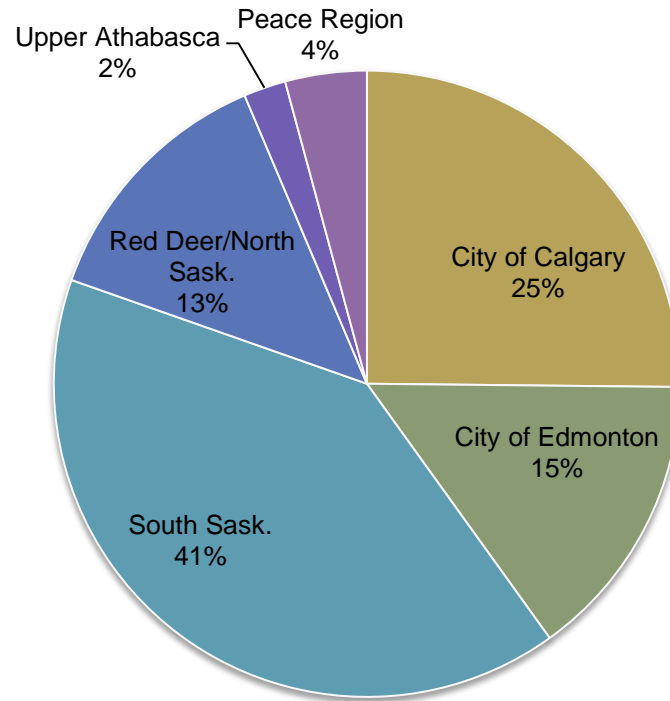
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- **To date: most projects have focused on flood mitigation**
  - **City of Camrose - Raw Water Station Replacement (above 1:100)**
  - **City of Calgary – Bonnybrook WWTP – Flood protection berm**
  - **City of Edmonton – Stormwater Dry Ponds – Stormwater Management**
  - **City of Medicine Hat – Berm projects (Lion’s Park and Industrial Ave)**
- **Examples of approved projects addressing flood/drought:**
  - **Town of Pincher Creek – Raw Water Relocation**
  - **Town of Magrath – Stormwater Retention Wetland Project**

# Alberta Community Resilience Program at a Glance

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## Regional Distribution of ACRP Funding

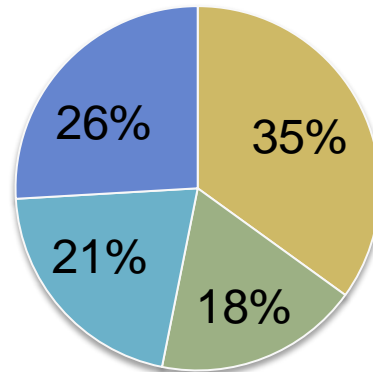


# Alberta Community Resilience Program at a Glance

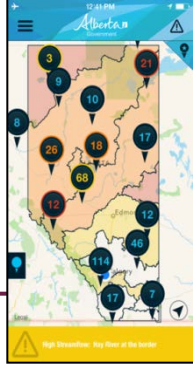
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## Project Distribution

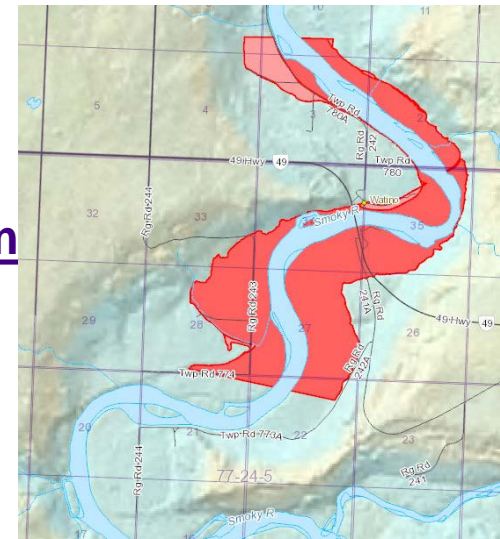
- StormWater Management
- Berm/Erosion Control
- Protection of Critical Municipal Infrastructure
- Protection of Other Municipal Infrastructure



# Technical Support & Flood Hazard Mapping



- **Flood Hazard Mapping in Northern AB**
  - Fort McMurray, Fort Vermilion, Watino, Manning, Grande Prairie
  - Upcoming: Town of Peace River
  - <http://maps.srd.alberta.ca/FloodHazard/>
- **River Basin Studies**
  - Peace River Basin Flood Mitigation Study
  - Athabasca River Basin Flood Mitigation Study
  - <http://www.alberta.ca/flood-mitigation-studies.cfm>
- **Alberta Rivers Mobile App**





# Project Selection

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- In 2015 – 137 applications were reviewed – 19 were approved for funding
- Project Selection:
  - Based on eligibility criteria, economic and technical feasibility
  - Benefit to the community and the environment
  - Project longevity, risks mitigated, historical damage, urgency etc...
  - Program Coordinators – will also gather input from SME (ex. Regional approvals/compliance staff, engineers, flood hazard specialists etc...)

# How to Apply to ACRP & Application Requirements

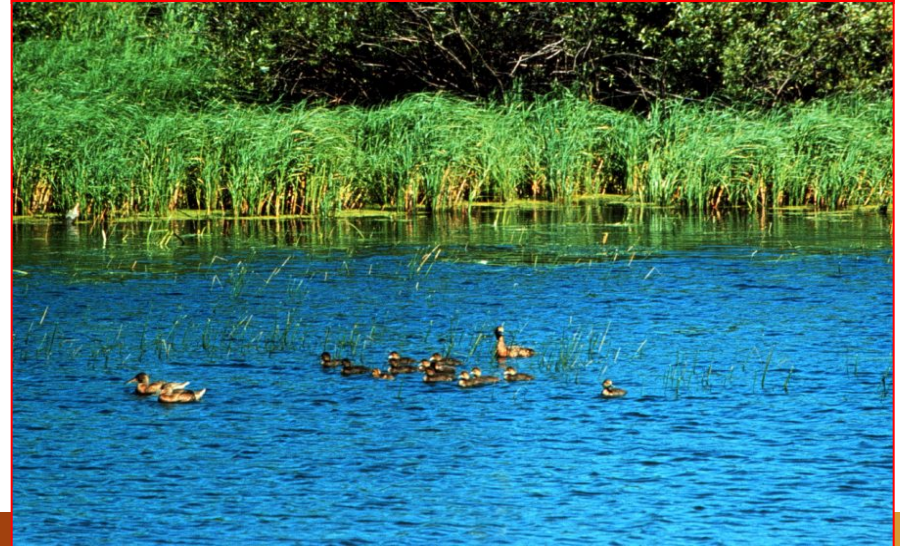
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- **Annual Submission Deadline:**
  - **September 30<sup>th</sup>**
  - **2017-18 FY (round 3 funding)**
- **Submission Requirements:**
  - **Completed Application Form**
  - **Community Resilience & Mitigation Assessment**
  - **Preliminary Engineering**
    - Risk Assessment, Options Assessment, Cost-benefit Analysis
    - Maps, project design
  - **Other Relevant Information**
- **Tips/Suggestions:**
  - **Specificity, creativity, prioritization, and provide evidence**

# The Watershed Resilience & Restoration Program

## Watershed Resilience and Restoration Program (WRRP)

- Increase the natural ability of the province's watersheds to reduce the intensity, magnitude, duration and effects of flooding and drought through watershed mitigation measures
  - Funding available to NGO's, WPAC's, Stewardship Groups, Municipalities, and First Nations



# The Watershed Resilience & Restoration Program Objectives:

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- **Restore and enhance** degraded or lost wetlands, riparian areas and floodplains;
- **Conserve** critical wetlands, riparian areas, and floodplains;
- Encourage watershed **stewardship** through greater understanding and awareness
- Provide **data, tools, and information** to support decision-making.
  
- For more information:  
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# Questions???

**For More Information Visit:**

**[www.acrp.alberta.ca](http://www.acrp.alberta.ca)**

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