

# River Flood Mitigation Program Themes

## Changing Climate

**The goal: Identify how the changing climate may affect how we manage our rivers and surrounding areas, and build our infrastructure.**

- What has been happening?
- What are the predictions?
- How can we use this information?



## Event Forecasting

**The goal: Explore and identify ways to forecast future weather and river flow events to maximize lead time.**

- What will happen?
- How do we share information between agencies in order to create a common understanding of events?
- Are there technology solutions that can be implemented?



## Infrastructure and Property Resiliency

**The goal: Explore and identify ways to make our buildings and homes more resistant to extreme events.**

- What can we learn from past events?
- What are the leading practices?
- What can be done to further protect our critical infrastructure such as hospitals and schools, as well as homes?

## Additional Risk Management

**The goal: Explore and identify additional steps to further reduce the risk of extreme flood events.**

- What are the adaptation strategies we need to consider?
- Can changes to land use and building regulations reduce potential for damage?
- What information does the public need in order to help themselves?



## Watershed Management

**The goal: Explore and identify how human activity affects the area in and around where our rivers flow.**

- What mechanisms are available to tell us how water flows or could flow upstream, through Calgary, and downstream?
- What others do upstream impacts us – how do we ensure we have the information needed to understand the upstream impacts?



## Storage, Diversion, Protection

**The goal: Explore and identify ways to manage water flow into and through Calgary.**

- What local flood mitigation measures should be built?
- What existing flood mitigation measures can be improved?
- How do we ensure what we do locally does not negatively impact our neighbours downstream?



Protecting what's precious. Land. Air. Water.

**Onward/** Protecting public health and safety and the environment through reducing the impacts of river flooding



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