



**The 2<sup>nd</sup> Annual Water Week Conference November 13-15, 2019 – Special Presentation**

Included with Conference Registration



**Alberta Innovates Water Innovation Program: Research and Innovation to Support Contemporary and Future Water Management Challenges**

John Vann Ham, Alberta Innovates

Wednesday, November 13, 12:45 – 1:15 pm

**Water for Life Strategy**

The goals for Alberta's *Water for Life Strategy* may seem simple:

1. providing Albertans with safe secure drinking water,
2. protecting healthy aquatic ecosystems,
3. and ensuring reliable quality water supplies for a sustainable economy.

Achieving these goals is no simple matter. How can Alberta sustainably manage finite water resources with significant population growth, a growing economy that demands water and the need to protect the health of the aquatic ecosystems? Demands for water are further challenged, as future water supplies will become increasingly uncertain and more variable due to climate change.

**Water Innovation Program (WIP)**

To effectively carry out this strategy, Alberta has invested over \$60 M in research and innovation to support sustainable water resource management since 2007. The Water Innovation Program (WIP) managed by Alberta Innovates is a flagship program for the Government of Alberta in water innovation.

Alberta Innovates water-related research portfolio supports investments that advance knowledge and technology in 4 key themes:

1. future water supply and watershed management;
2. healthy aquatic ecosystems;
3. water use conservation, efficiency, and productivity;
4. water quality protection.

This presentation will use WIP project outcomes to tell a story of building knowledge to support and inform these critical decisions, with a specific focus on portfolio projects of interest to Alberta's water and wastewater operators.