



# Stormwater Matters Flood Protection Works & Climate Change Adaptation

14 June 2017 | Winnipeg MB

## Agenda

<b>7:30-8:20</b>	<b>Registration</b>
8:20-8:30	Welcome and Introductions
8:30-9:15	Key Note Presentation Stormwater and Climate Change Adaptation Roger Rempel, P.Eng., FEC, IRP, Director Climate Group, Risk Sciences International
9:15-9:45	City of Winnipeg – Cockburn and Calrossie Combined Sewer Relief Works Ray Offman, P.Eng., Infrastructure Engineer, KGS Group
9:45-10:15	City of Winnipeg – CSO Masterplan Duane Griffin, P.Eng., Branch Head, Wastewater Planning and Project Delivery Branch
<b>10:15-10:30</b>	<b>Break</b>
10:30-11:00	Vulnerability of Basement Flooding A 15 year horizon, and shifting away from traditional design based on historic rainfall records Mike Gaudreau, P.Eng., AECOM
11:00-11:30	Undersized Crossings a Common Theme in the Cooks Creek Conservation District Colin Gluting, District Manager of Cooks Creek Conservation District
11:30-12:00	Environmental Metrics Associated with Wetland Conservation and Naturalized Stormwater Management Lisette Ross, Senior Wetland/Upland Specialist, Native Plant Solutions
<b>12:00-1:15</b>	<b>Lunch/Presentation/Break</b> How Alternative Land Use Services (ALUS) can help manage water and provide multiple environmental benefits in a way that works for farmers Dan Mazier, President of Keystone Agricultural Producers
1:15-1:45	Use of Drone Technology How Drone technology Case Study for a community prone to flooding on the shoreline of Lake Winnipegosis Mark Lowdon, President and CEO, AAE Tech Services Inc.
1:45-2:15	Stormwater Design the Art of Translating Complex Math into Livable Public Open Spaces Dietmar Straub, Associate Professor, Department of Landscape Architecture, University of Manitoba
2:15-2:45	Development of an integrated hydrologic modelling platform for the Assiniboine River Basin Steve Frey, Senior Scientist, Aquanty Inc.
<b>2:45-3:00</b>	<b>Break</b>
3:00-3:30	Rainfall Run-off Forecasting: Challenges and Lessons Learned from the 2014 Flood Fisaha Unduche, P.Eng., Director Hydrologic Forecasting & Coordination, Manitoba Infrastructure
3:30-4:00	2016 Flooding in the Whiteshell Provincial Park AJ Miller, P.Eng., Engineering and Operations Division, Manitoba Infrastructure
4:00-4:30	Speaker Forum & Closing Remarks Facilitated by Barry MacBride, P.Eng. BDM Project Ltd., former Water and Waste Director, City of Winnipeg.