

re:build

## Pursuit of Appiness, Using Cloud Based Technology for Integrated Ecosystem Management

Leah Blair | City of Calgary | Calgary, Alberta

Calgary Parks manages for citywide ecological integrity through the conservation of high quality natural environments and connected park systems. Cloud-based solutions offer advanced methods of coordinating and collaborating with numerous stakeholders such as citizens, communities, park planners, ecosystem managers, and field service providers. In order to provide timely and appropriate service, Calgary Parks is increasingly focused on developing and employing ArcGIS Online smart tools for real-time data collection and

sharing. Now currently deployed across approximately 110 permanent, seasonal and contractor staff, and three business units, the mobile apps for invasive weed management, habitat condition assessment and restoration tracking provide real-time ecosystem information for strategic management decisions. This real-time technology has allowed Parks to **identify opportunities to improve ecological monitoring and management**, create reporting efficiencies, and foster government transparency and citizen ecoliteracy

