

# Implementation Procedure Summary for Public Outreach and Engagement

## Introduction:

UAS for public outreach and engagement can play a key role in communicating vital information and harnessing public support for projects. Technologies such as UAS have made significant strides in assisting public information efforts by enabling the acquisition of project images and videos for dissemination. The steps below illustrate procedures to assist with successful implementation for public outreach and engagement.

### Define Mission Objectives

- Data Collection Goals
- Timeframe
- Medium for Deliverables (Websites, Videos, Social Media, News Reports, Public Information Meetings)

### Develop System and Staffing Plan

- Team Selection (Internal or Consultants)
- Aircraft Platform (Fixed Wing or Rotorcraft)
- Sensor Selection (RGB Camera, Lidar, Thermal, Multi-spectral)

### Develop Flight Plan and Conduct Risk Assessment

- Pre-Flight Plan to Meet Goals (Quality of Data, Format, Audience)
- Site and Operation Analysis for Risk (Weather, Airspace, Traffic, Population, Private Property, Wildlife)

### Obtain Permits or Waiver

- LAANC
- COA
- Private Property
- National Park
- Airport

### Obtain Approval and Perform Flight Operations

- UAS Manager Approval
- Perform Flight
- Site Preparation

### Assess Outcomes and Document Lessons Learned

### Data Management

- Data Processing Required
- Storage
- Transfer to external stakeholders
- HD Video Livestream
- Deliverable Format