

PROPOSAL NUMBER: ESRD-2013-02

DESCRIPTION: Smoke and fire behaviour training video

SUBMISSION DATE: 2013-Feb-19

PROPONENT(S): **Mike Kakoullis**
Wildfire Detection Program Lead, Wildfire Detection Unit
Alberta Environment and Sustainable Resource Development

ISSUE: Lookout personnel do not have a strong understanding of ground-level fire behaviour as it relates to the smoke seen from the lookout.

BACKGROUND: none given

OBJECTIVE: Develop a training video for lookout personnel that links smoke trails to fire behaviour.

APPROACH: Capture video footage at both the ground level and the lookout level simultaneously, under several scenarios (different conditions, terrain and fuel types).

This is expected to be a low-cost project with much of the video footage collected when the opportunity to do so corresponds with other field projects.