

Proposed Workshop:

Opportunities to Apply Remote Sensing in Boreal/Arctic Wildfire Management & Science: A Workshop

 <p>Cover Page for Proposal Submitted to the National Aeronautics and Space Administration</p>	<p>NASA Proposal Number 15-TWSC15-0029</p>
---	---

SAVE THE DATE:
March 9-10, 2016



Proposal Team:

■ = PI
■ = Collaborator



Considerations for Remote Sensing Tools

Discussion:



- Are weather forecasts “remote sensing”?
- Precipitation estimates are inadequate in their currency, format, and accuracy
- RTMA - utilizing gridded weather data as reference current information
- Sensing seasonality - using history and expected futures vs direct sensing.
- How to characterize overwinter condition and long-term drought impacts
- Vegetation and fuel bed descriptions - accuracy and accessibility
- Where, when, and how do fires burn across the landscape.
- Leveraging user display networks (AFS, IFM, AKFF, WFDSS) and interoperability (IRWIN)
- Changes in permafrost. Detecting changes in active zone.
- Weather events (map types) historical context.