

A Geomatics Approach to forest fire danger forecasting in Canadian Context

Quazi K. Hassan, University of Calgary

At the Earth Observation for the Environment Laboratory in The University of Calgary, we have been conducting research in developing remote sensing-based forecasting system for forest fire danger conditions since 2009. In the scope of this presentation, the chronology of such developments at daily, 4-day, and 8-day time scales will be discussed. We believe that these would be critical for managing forest fire regimes in Canada and elsewhere in the world.