Assessment Name:

Southwestern Regional Wildfire Risk Assessment

Presented by:

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Scale:

Regional

Management issue:

The intents of the regional risk assessment are:

Provide a communication platform when talking about risk for our internal and external audiences.

Understand where we have the greatest risk and opportunities for success.

Quantify risk (both positive and negative) across disciplines and locations

Provide a quantitative tool to use in fire management decision making.

Help Prioritize management efforts.

Project Management:

Project began in

Fuel and fire behavior modeling:

Still on going with a rerun of FSim for the region… huge support from Matt Thompson, Jessica Haas, Eva Karau, Jim Menakis and Joe Scott.

HVRAs

HVRA's were identified through comments and suggestions from all staff areas and forests in the region. They were then paired down based on available GIS data.

The Response functions were developed during a two day workshop with all staff areas from the region.

The Relative importance values were developed by regional executives, two forest supervisors, and select regional directors during an afternoon workshop.

How the results are being used

At this time the assessment is not complete, but the mapped HVRAs and response functions are useful in understand where sensitive values exist and where fire benefits could be achieved under the right conditions.

Highlights and lessons learned

Many lesson have been learned:

The gathering of spatial data identified areas where more efforts in data consistency and existence should be expended.

Coordination amount regional directors, executives and staffs has been incredibly beneficial as a general communication platform. Regional leadership was asked to support this project from the get go and has been updated on status along the way creating buy off from many staff areas. Including all staffs in the discussions has been an incredible learning experience and very valuable to how we, as a region, talk about fire.

FSim based analyses can have some strong time and skill limitations.