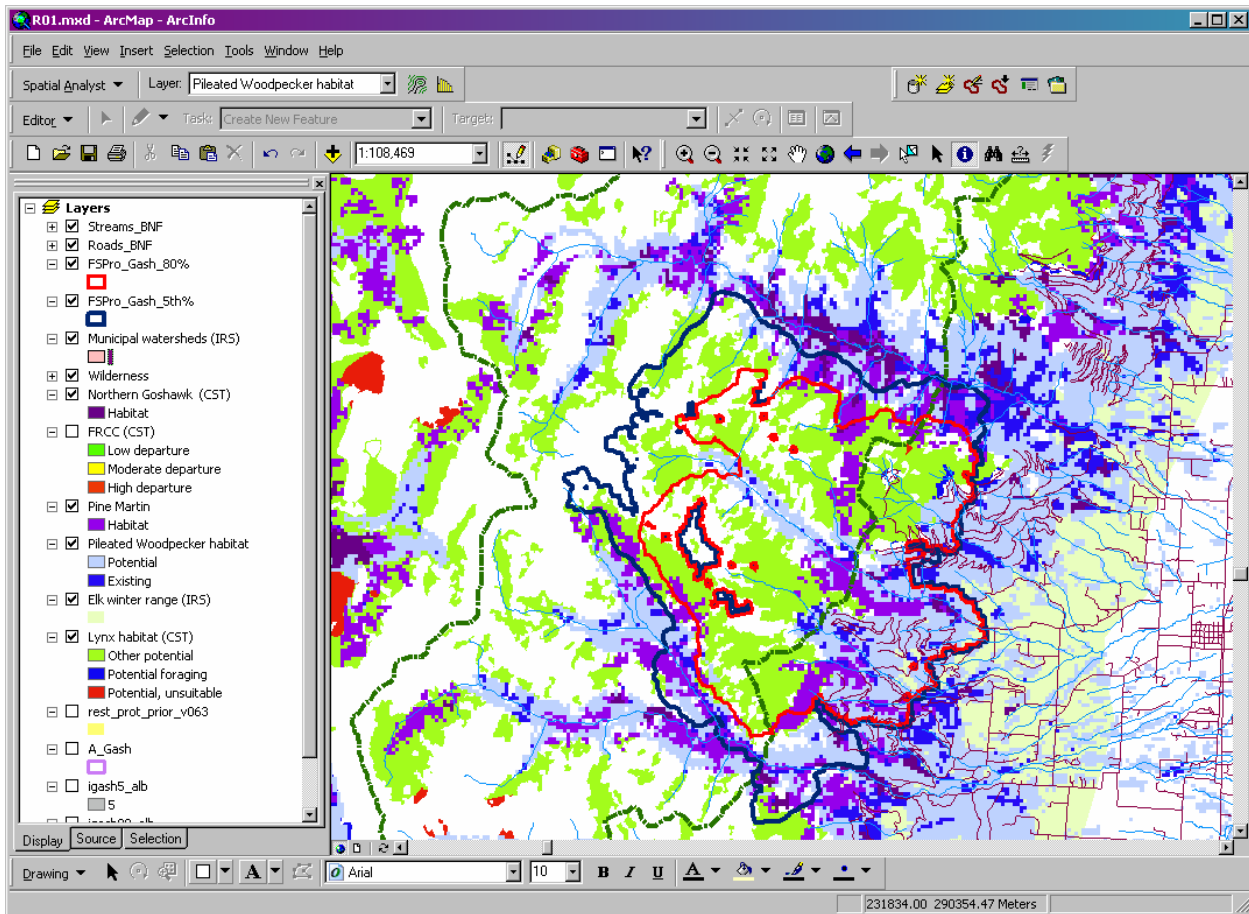


Using the Fire Effects Planning Framework to identify important natural resources around wildfires  
An example using the 2006 Gash Cr. Fire,  
Bitterroot National Forest, MT.



**Resources queried using the 80<sup>th</sup> and 5<sup>th</sup> percentile probability contours from FSPro runs (obtained from Calkin et al)**

Analysis: acres of habitat within perimeter

Data sources:

Integrated Restoration Strategy – elk winter range, fisheries, municipal watersheds,  
Cohesive Strategy – pileated woodpecker, pine marten, lynx, northern goshawk,  
FRCC

<b>Resource</b>	<b>Acres 80% probability</b>	<b>Acres 5<sup>th</sup>% probability</b>
Pine Marten habitat	1443	2756
Pileated Woodpecker habitat		
Potential	2498	3869
Existing	1075	2262
Northern Goshawk habitat	52	200
Lynx habitat		
Potential foraging	53	54
Potential other	5897	8045
Potential unsuitable	8	8
Elk winter range	1062	1271
FRCC		
Low departure	6459	9778
Moderate departure	1515	2456
High departure	1271	1883

Analysis: acres of habitat positively, negatively, neutrally affected within perimeter

Data sources:

Fire Effects Planning Framework (BRF) Whitebark pine, lynx foraging

<b>Resource and Effect-GASH 80<sup>th</sup>% probability</b>	<b>Acres (80% ERC*)</b>	<b>Acres (90<sup>th</sup>% ERC*)</b>	<b>Acres (99<sup>th</sup>% ERC*)</b>
Whitebark Pine			
Highly desirable	852	892	1006
Desirable	3860	3820	3706
Undesirable	84	84	84
Lynx foraging habitat			
<i>Immediately post-fire</i>			
Quality loss**	0	0	0
Neutral	4641	4641	4641
Quality increase	1157	1157	1157
Lynx foraging habitat			
<i>15-39 yrs post-fire</i>			
Quality loss	1	1	1
Neutral	4260	4224	3935
Quality increase	1157	1157	1157

\* calculated on a season 7/15-9/30, using data from 1961-2003, and computed separately for each Ranger District (see BRF 2004 Fire Effects Map Library for additional detail).

\*\* Quality loss occurs when 'good' pre-fire habitat becomes 'poor quality' post-fire.  
 Neutral occurs when either poor or good quality habitat remains the same.  
 Quality increase occurs when 'poor' pre-fire habitat becomes 'good' quality post-fire.  
 (see BRF 2004 Fire Effects Map Library document for additional detail)