

Downstream Impacts							
	Downstream recommendations						
	All values at risk.						
	Downstream effects						
	Downstream						
	Impacts beyond federal boundaries						
	Consideration of non-federal lands						
	More on off forest effects/risks						
	Downstream effects						
	Downstream off-forest hazard assessments						
	Impacts beyond federal boundaries.						
	Downstream recommendations						
	Downstream values						
	Better assessment of downstream off fed land risks						
	Downstream values at risk						
	Downstream impacts and threats						
	Downstream treatments						
	Treating all lands						
	Prediction of potential return interval(s) of mass wasting or debris flow events that might occur in the same place.						
	Impacts to marine environment						
Debris Flows							
	Agencies requiring mudflow/debris-flow analyses in addition to clear-water modeling for post-fire recovery development						
	coordinating risk from debris-flows and flooding						
	debris flow inundation estimates						
	debris flow vs. flash flood thresholds						
	Debris outflow locations						
	DF runout modeling.						
	Downstream debris flow, not just those on federal land.						
	Extent of debris flow runout						
	Flash flood rainfall thresholds like USGS does for debris flows						
	Like flood inundation mapping but for potential debris flows.						
	post-fire debris flow and flood history						



	Tools for real-time debris flow monitoring. Camera or laser systems for							
Flooding								
	Inundation mapping							
	Inundation mapping							
	Inundation mapping							
	Inundation mapping on and below forest							
	inundation potential							
	Inundation Risk Maps							
	Downstream analysis flooding							
	Flood risk changes with recovery							
	Fluvial Hazard Zone mapping							
	Rainfall Thresholds							
	Mapping to the pour point							
Erosion								
	In-channel erosion processes							
	suspended sediment transport downstream							
	Which channel reaches are erosional/depositional							
	Zones of erosion/deposition							
	Mapping of areas where salvage would cumulatively impact hydrologic concerns, vs where it would be less impactful.							
Alluvial Fan								
	Alluvial Fan landform mapping							
	Alluvial fan potential							
Communication/Coordination								
	community outreach							
	Public perception about messaging							
	communication plan							
	Community engagement							
	Community pitteach							
	Community communication							
	Community outreach plan							
	Impacts on indigenous communities and their homelands.							
	Integration with local media and government							

	A publically available post fire database with field measurements, modeling, resources at risk and recommendations						
	public outreach						
	Follow-up report						
	Coordination contact lists						
	An end user education component						
<b>Report</b>							
	Implementation plan						
	Simplification of post-Fire assessments for public consumption						
	Recommendations for immediate burn-out of scorched but not consumed fuels (as future fire hazard issue,) and interface with wildlife						
	Cost effectiveness evaluation of recommendations						
	Better Tools for mapping recovery and how it can inform risk						
	Cost estimates compared with those for mitigation and prevention.						
	Release of report to public, or at least being made available on web						
	Make assessments easier to find						
	Political and social implications of mitigation techniques						
	Closer interaction and coordination with invasive species management						
	Better coordination between USFS and states.						
<b>Model</b>							
	Model and data uncertainty.						
	vegetation burn severity						
	Tradeoffs						
	temporal risk estimates						
	probabilistic interpretation						
	Model Certainty Assessment						
	Analysis at smaller watershed scale						
	Limitations of modeling and specifically saying how much the numbers should be trusted and presented						
	Pre fire assessments made on treated areas to see if thinning and						
	Co-production of science and It's application						
	Data needed but didn't have						
<b>Community</b>							
	Survivor/Resource Connections						

	Community perspective						
	Socioeconomic information, who is impacted or at risk, most vulnerable						
	resources available to private landowners impacted by fire						
	Plan for community moving forward - what does community need to do moving forward, in what order, and with what resources						
	One location to send impacted people to for additional resources. There is not one site they can get to key information.						
	Managing expectations						
	Local capacity to support agency assessments.						
	Contact points for private landowners including as many agencies as						
	"Pocket-guide" for community managers and communities about what post-fire programs belong to which federal and state agencies and how						
Funding/Resources							
	funding to address mitigation recs						
	Available programs/funding						
	Funding for mitigations						
	Mitigation resources						
	Identify mitigation resources						
	Funding to implement mitigation in a timely manner.						
	funding opportunities						
Long term							
	long term rehab opportunities and needs.						
	How risk changes over time.						
	Reforestation need/potential						
	Community well being assessment in post fire landscape						
	working with those impacted to identify achievable mitigation actions						
	Vegetation recovery						
	Pist-fire monitoring						
	Post-mitigation effectiveness						
	Risk over time						
	Vegetation recovery						
	Monitoring and results.						
	Long-term effects of fire on water supply and water quality.						
Soil/Microbes							

	long-term soil impacts						
	Microbes						
	Soil Health Assessments						
	Microbe recovery monitoring						
	Soil hydraulic effects reporting						
Follow up							
	Understanding of monitoring so that we can learn whether our						
	Follow up and reporting on outcomes						
	The framework for handing off to the forest, complete with responsible parties. Things get dropped all the time, and it is infuriating!						
	I'd be really interested in some sort of follow up that brings together the "science info doesn't always meet my needs" response and the "I would like more webinars/virtual conferences" responses.						
	Communicating results						
	Monitoring and effectiveness of BAER plan						
	Assessments of what actually happens compared to what the report						
	Effectiveness monitoring. There is never a Feedback						
	Updates as the burn scar ages						
	follow up discussion between forests who applied BAER within the						
	Use of citizen scientists to help generate obs for post fire effects						
Mentoring							
	Development of a process flow map, which partners do what task and in what order to get to the multiple end users.						
	Monitoring for adaptive learning and management						
	Mentoring						
	better mentoring						
	Introduction of new technologies and mentor ship on the... like drones, models, model parameters, iterative modeling efforts and coordination						
	Science based desired conditions to guide long term landscape						
Uncertainty							
	Uncertainty in the numbers						
	Uncertainty						
	uncertainty						
	Uncertainty!						

Other ?							
	Confidence intervals						
	Thresholds						
	Wind erosion potential and its effects on air quality, water, and						
	Rainfall atlas for the Pacific Northwest						
	Mitigation innovations						
Comments							
	We should poll folks to find out what would meet their science needs and do webinars on the listed topics.						
	Some of these areas are "natural" mobile drainages. At what point do we say this is a natural event?						