

Risk Assessment Analysis				Project Risk Assessment				Project:		General Field		
Identification of Hazards and Risk Assessment				Mission Objectives:								
Subsystem	PRE-MITIGATION				POST-MITIGATION							
	Hazards (Loss of)	Likelihood	Severity	Risk Level	Mitigation(s), Warnings and Reminders	Likelihood	Severity	Risk Level	Additional Local Mitigation	Acceptable Yes/No		
Emergency Preparedness	Lost, missing, or overdue employee	Remote	Catastrophic	SERIOUS	Follow unit check-in/check-out protocols. Ensure a communications and backup communications device is available and employees are trained.	Improbable	Catastrophic	MEDIUM				
	Emergency response to illness or injury	Remote	Catastrophic	SERIOUS	All work projects must have a documented emergency medical plan. Employees shall be briefed on protocols and procedures before work begins. Consider periodic scenario training / discussion to increase employee awareness. At least one employee in every work group shall be certified in First Aid / CPR. An appropriate first aid kit must be immediately available.	Improbable	Catastrophic	MEDIUM				
Foot Travel	Slips / Trips / Falls	Probable	Critical	HIGH	Warm-up with stretching. Be alert to weather and ground conditions. Walk on entire foot. When walking on steep slopes create foot step and walk on contour. Side step downhill. Maintain good balance. Bend in knees when going downhill. Keep weight on uphill foot when going down. Be aware of conditions and topography. When in erosive soils watch for existing game trails or slopes that may give out. Watch out for potential slips when soils or grasses are wet, highly erosive soils, steep slopes, rock or talus slopes. . In uneven terrain watch out holes or depressions that can twist ankles and knees. Wear appropriate field boots for the conditions with adequate ankle support and traction. Carry tools on downhill side.	Remote	Marginal	MEDIUM				
	Slipping and falling while walking over uneven surfaces	Frequent	Critical	HIGH	Be prepared to encounter a wide variety of terrain and hazards. Constantly monitor surroundings and take extra time to choose safest route; if necessary take the time to go around the hazard. Be cautious around rock outcrops, steep drainages, downed logs, slash, loose rocks or soil, wet logs and rocks, heavy brush, stubs, 'widowmakers', and snags. Be careful when traversing in wet or frozen areas, as all of this terrain may be deceptively slippery. Straw covered terrain (such as which is utilized to cover skid-trails after a post-sale seeding, and to prevent erosion), may cover hazards such as stubs, holes, and slick rocks will increase traction loss.	Occasional	Critical	SERIOUS				
	Falling while crossing creeks, streams, and rivers; injuries and/or drowning	Occasional	Catastrophic	HIGH	When crossing bodies of water, be aware of slippery surfaces; rocks, logs, moss, etc. Gauge stream swiftness and depth before attempting to cross; never enter fast-moving water that has the potential for sweeping off feet.	Remote	Marginal	MEDIUM				
Vegetation	Falling trees, limbs; hazard tree awareness	Probable	Critical	HIGH	Wear appropriate PPE; hardhat. Maintain situational awareness. Identify hazards such as snags, dead limbs, 'widowmakers' before work begins (size-up) and during work operations. Be aware of weather conditions (wind, storms) that may necessitate delaying work until conditions improve; shelter or reschedule. Consider hazard tree awareness training.	Remote	Marginal	MEDIUM				

Hazardous vegetation	Frequent	Critical	HIGH	Remote	Improbable	Marginal	MEDIUM	
Contamination or injury of employee	Remote	Catastrophic	SERIOUS	Remote	Improbable	Marginal	MEDIUM	
Weather related injuries or illnesses; exposure	Frequent	Catastrophic	HIGH	Occasional	Occasional	Negligible	LOW	
Lightning or Thunderstorms	Probable	Catastrophic	HIGH	Occasional	Occasional	Marginal	MEDIUM	
Personal harm from encountering public	Probable	Catastrophic	HIGH	Occasional	Occasional	Marginal	MEDIUM	
Bears/Wild animals	Occasional	Catastrophic	HIGH	Occasional	Occasional	Marginal	MEDIUM	
Snakes	Occasional	Catastrophic	HIGH	Occasional	Occasional	Marginal	MEDIUM	
Insects	Probable	Critical	HIGH	Occasional	Occasional	Marginal	MEDIUM	
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Title	REGIONAL FORESTER							
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