

Action Item Proposal Form

Proposed Action Item Identification: (Example Multi-Hazard; Flood; Drought; Windstorm; Winter Storm; Landslide, Earthquake; Wildfire; Volcanic)		Alignment with Plan Goals: (List Goals the action helps to achieve.)
LS#2	Proposed Action Title: Improve Understanding of Landslide Risk Inside Hazard Areas and Improve Warning Systems	<ul style="list-style-type: none"> ▪ Disaster Resilient Economy ▪ Protection of Life & Property ▪ Intergenerational Equity ▪ Acknowledge Responsibility ▪ Emergency Services Enhancement
Rationale for Proposed Action Item: (What critical issues will the action address?)		
<ul style="list-style-type: none"> ▪ Better data provide for better decisions to minimize loss. Incorporating indirect economic loss better depicts the cost from natural hazard events. ▪ Once DOGAMI has identified “further review areas” the County can overlay those areas with utility system and tax assessor information to identify potential risk ▪ Debris flow landslides are rapidly moving and have caused the loss of life in Oregon. The current debris flow hazard maps are based mostly on computer modeling and could be improved through the incorporation of better topographic survey, geologic field data, and human impact data. ▪ The coordination of a warning alert to the local level is as important as the alert itself. 		
Ideas for Implementation:		
<ul style="list-style-type: none"> ▪ Complete inventory of critical facilities including: schools and emergency facilities, vulnerable public and commercial buildings, vulnerable residential buildings, and lifelines (including roads). Evaluate risk to life and property, including indirect economic loss. After the improvement of the hazard layers and the vulnerability inventory, the risk analysis should be reevaluated. ▪ Incorporation and interpretation of new base geologic maps including the Oregon Geologic Data Compilation. Use new slope maps including LIDAR-derived DEM and improvement through future mapping. Collect data related to human impact. Improve rainfall thresholds. ▪ Improvements to the instrumentation network (real time rainfall monitoring, active debris flow trip instruments, etc) should be installed and implemented. Follow-through improvements to the warning alert can be done through improvements in the chain of warning system down to the local level. 		
Coordinating Organization:	GIS	
Internal Partners:		External Partners:
Planning, Emergency Management		DOGAMI, ODF, DLCD
Timeline:		If available, estimated cost:
<u>Short Term</u> (0-2 years)	<u>Long Term</u> (2-4 or more years)	n/a
X		
Form Submitted by:	DOGAMI	