

Appendix G

Consolidated Resource Directory

This Appendix is a consolidated directory of all of the resources that were previously listed at the back of each of the hazard chapters, including the Multi-Hazard Chapter. This was done to make it easier to update and maintain the directory, particularly for those resources that apply to multiple hazards. The columns to the right indicate the hazards that the resources were originally associated with, however over time they could become applicable to additional

Agency/Description	Contact	Address	Phone							
COUNTY/ SPECIAL DISTRICT/ REGIONAL RESOURCES										
Cascadia Region Earthquake Workgroup (CREW) CREW provides information on regional earthquake hazards, facts and mitigation strategies for the home and business office. CREW is a coalition of private and public representatives working together to improve the ability of Cascadia Region communities to reduce the effects of earthquake events. Members are from Oregon, Washington, California, and British Columbia. Goals are to: <ul style="list-style-type: none"> • Promote efforts to reduce the loss of life and property. • Conduct education efforts to motivate key decision makers to reduce risks associated with earthquakes. • Foster productive linkages between scientists, critical infrastructure providers, businesses and governmental agencies in order to improve the viability of communities after an earthquake. 									x	
Cascadia Region Earthquake Workgroup c/o Bob Freitag, Executive Director 3110 Portage Bay Pl E, Slip G Seattle, WA 98102 Telephone: (206) 818-1175 Fax: (206) 328-2533	Website: http://www.crew.org/									

Clean Water Services (CWS) Clean Water Services (formerly the Unified Sewerage Agency) provides sanitary sewer and storm water management services to the unincorporated urbanized areas of Washington County. CWS works with the County and cities within the County to build and maintain public drainage systems that meet public needs and comply with regulations set by the Oregon Department of Environment Quality. CWS maintains storm sewers and pipelines, open drainage ditches, and stormwater detention ponds; however, inside the City of Beaverton, City crews maintain these facilities. CWS also publishes long-term flood management plans, with a primary focus on the protection of riparian buffer areas and wetland preservation. CWS is slated to complete the Watersheds 2000 project in 2003, an inventory of the location and condition of the stream (surface water) system in the Tualatin Basin.			x	x					
2550 SW Hillsboro Highway Hillsboro, OR 97123- Phone: (503)681-3600 Fax: (503)681-3603	Website: http://www.cleanwaterservices.org/								
Land Use and Transportation Department The Washington County Land Use and Transportation Department plans, builds and maintains the County's transportation systems and prepares, implements, and enforces land use plans and policies.		x	x	x				x	
155 N. First Avenue, Suite 350, Hillsboro, OR 97124 Phone: (503) 846-4530	Website: http://www.co.washington.or.us/LUT/								
Metro Regional Government Metro is the directly elected regional government that serves more than 1.3 million residents in Clackamas, Multnomah, and Washington counties and 24 cities in the Portland metropolitan area. Chapter 5 of Metro's Regional Framework Plan addresses natural hazards. Metro's Natural Hazards Program is a service of the Growth Management Services Department's Data Resource Center. Their web pages relate to natural hazards that may impact the Portland metropolitan area. Their links provide information about the natural hazards in the Portland metropolitan area and suggest tools for reducing potential damages before disaster strikes. Metro produced the Regional Hazard Mitigation Policy and Planning Guide in 1999 to assist local governments in planning for future natural hazard events.		x	x				x		

Contact 1: Metro Regional Government 600 NE Grand Ave Portland, OR 97232-2736 Phone: (503) 797-1700 Fax: (503) 797-1797	Contact 1: Website: http://www.metro-region.org/ Contact 2: Website: http://www.oregonmetro.gov/index.cfm/go/by.web/id=24876									
Office of Consolidated Emergency Management (OCEM) Contact 2: The Office of Consolidated Emergency Management for Washington County is committed to the development and maintenance of a county-wide, integrated system to prepare for, respond to, recover from, and mitigate against disasters. OCEM comprises Beaverton, Tigard, Hillsboro, Washington County, and Tualatin Valley Fire and Rescue.		x	x	x	x	x	x	x		
20665 S.W. Blanton St. Aloha, OR 97007 Phone: (503) 259-1171	http://www.ocem.org/									
Tualatin River Watershed Council The Tualatin River Watershed Council was initiated in 1993 to provide more coordinated and integrated resource planning for the Tualatin River watershed. Its purpose is to address watershed management issues in the Tualatin Basin and provide a framework for coordination and cooperation among key interests. The Council consists of 19 members representing various stakeholders in the watershed including citizens, local governments, agriculture, business, and industry, environmental groups, forestry, water and sewer districts, neighborhood associations, and educators.			x							
Council Coordinator PO Box 338 Hillsboro, OR 97123-0338 Phone: (503) 846-4810	Website: http://www.trwc.org									
Tualatin Riverkeepers The Tualatin Riverkeepers provide volunteer-based educational and monitoring programs for the Tualatin River Basin. Programs include van tours, canoe trips, speaking engagements, and river cleanups. They focus on preserving the “biotic integrity” of the river system.			x							
Executive Director 12360 SW Main Street Suite 100 Tigard, OR 97223 Phone: (503) 620-7645	http://www.tualatinriverkeepers.org/index.html									

Washington County Emergency Management		x							
The Emergency Management Program exists pursuant to ORS 401 to guide the county's preparations for, response to, and recovery from major emergencies and disasters. The program is organized under the county's sheriff's office and oversees preparation and maintenance of the county's emergency operations plan and emergency operations center and the training and exercising of designated staff.									
20665 S.W. Blanton St. Aloha, OR 97007 Phone: (503) 259-1171	Website: http://www.co.washington.or.us								
Washington County Fire Defense Board					x				
<p>The Washington County Fire Defense Board is comprised of all the local fire chiefs within the county and also includes ex-officio representatives from the State Fire Marshal's Office and the Oregon Department of Forestry. Pursuant to the Oregon Fire Service Mobilization Plan, the Fire Defense Board is charged with the following responsibilities:</p> <ul style="list-style-type: none"> • Develop a fire service plan with provisions permitting local departments to respond with mutual aid forces upon request of other local departments in the county. • Administer the State Fire Mobilization Plan within the county. • Maintain response procedures for alert, transfer, and dispatch of fire fighting equipment and personnel. • Maintain liaison with other agencies capable of augmenting fire-fighting resources. • Maintain inventories of fire fighting equipment in the county. • Develop dispatch plans for mobilization requests and conduct exercises as necessary to ensure efficient operations. • Develop expedient procedures for providing and dispatching incident command overhead teams and logistical support. • Hold regular meetings. <p>The Washington County Fire Defense Board meets regularly with representatives from a number of other agencies in the county to coordinate prevention and response activities and issues. Those agencies/individuals include the county sheriff's office, Metro West Ambulance, the Washington County Consolidated Communications Agency (County 911), the Washington County Emergency Medical Services Coordinator, Washington County Emergency Management, and the Washington County Building Services Division. For contact information for the Washington County Fire Defense Board, contact the Oregon State Fire Marshal.</p>									

<p>Oregon State Fire Marshal 4760 Portland Road NE Salem, Oregon 97305-1760 Phone: (503) 378-3473 Fax: (503) 373-1825 Email: oregon.sfm@state.or.us</p>	<p>Website: http://www.oregon.gov/OSP/SFM/</p>								
<p>Washington County Soil and Water Conservation District (SWCD) The SWCD works in partnership with the Natural Resource Conservation Service to promote soil and water conservation in Washington County. SWCD works with agricultural interests and landowners to provide information on natural resource conservation practices. The partnership blends individual member resources to offer technical and financial assistance in planning and applying natural resource conservation practices and systems. Areas of focus include: erosion management, wetlands preservation and restoration, resource inventories, watershed assessments, and conservation education.</p>			x						
<p>1080 SW Baseline St. Suite B-2 Hillsboro, OR 97123-3831 Phone: (503) 648-3174 X5</p>	<p>Website: http://www.swcd.net/</p>								
STATE RESOURCES									
<p>Department of Land Conservation and Development (DLCD) DLCD administers the State's Land Use Planning Program. DLCD serves as Oregon's federally designated agency to coordinate floodplain management in Oregon. They also conduct various landslide related mitigation activities.</p>		x	x	x	x	x	x	x	x
<p>635 Capitol St. NE, Suite 200 Salem, OR 97301-2540 Phone: (503) 373-0050</p>	<p>Website: http://www.lcd.state.or.us/</p>								
<p>Military Department–Office of Emergency Management (OEM) The purpose of OEM is to execute the Governor's responsibilities to maintain an emergency services system as prescribed in Oregon Revised Statutes Chapter 401 by planning, preparing, and providing for the prevention, mitigation, and management of emergencies or disasters that present a threat to the lives and property of citizens of and visitors to the state of Oregon.</p>		x	x	x	x	x	x	x	x

Hazard Mitigation Officer 3225 State Street Salem, Oregon 97301 or Box 14370 PO Salem, OR 97309-5062 Phone: (503) 378-2911, ext 22247	Website: http://www.oregon.gov/OMD/OEM/								
Office of the State Fire Marshal (OSFM) The Prevention Unit of Oregon's Office of the State Fire Marshal contains 19 Deputy State Fire Marshals located in various regions. The responsibilities of these deputies include public education for local fire districts and inspection of businesses, public assemblies, schools, daycare centers, and adult foster homes. The State Fire Marshal's Community Education Services unit works to keep Oregonians safe from fires and injury by providing them with the knowledge to protect themselves and their property.						x			
Oregon State Fire Marshal 4760 Portland Road NE Salem, Oregon 97305-1760 Phone: (503) 378-3473 Fax: (503) 373-1825	Website: http://159.121.82.250/								
Oregon Climate Service (OCS) The Oregon Climate Service collects, manages, and maintains Oregon weather and climate data. OCS provides weather and climate information to those within and outside the state of Oregon and educates the citizens of Oregon on current and emerging climate issues. OCS also performs independent research related to weather and climate issues.		x		x					
OCS, Oregon State University, Strand Ag Hall Room 326, Corvallis, OR 97331 Phone: (541) 737-8927	http://www.ocs.oregonstate.edu/								
Oregon Department of Consumer and Business Services The Building Codes Division of Oregon's Department of Consumer and Business Services is responsible for administering statewide building codes. Its responsibilities include adoption of statewide construction standards that help create disaster-resistant buildings, particularly for flood, wildfire, wind, foundation stability, and seismic hazards. Information about wildfire related building codes is found through this department.		x		x		x	x		

1535 Edgewater St. NW, P.O. Box 14480 Salem, OR 97309-0405 Phone: (503) 378-6444	http://egov.oregon.gov/DCBS/contact_us.shtml								
Oregon Department of Forestry (ODF) The mission of the Oregon Department of Forestry is to serve the people of Oregon through the protection, management, and promotion of a healthy forest environment, which will enhance Oregon's livability and economy for today and tomorrow. ODF regulates forest operations to reduce the risk of serious injury or death from rapidly moving landslides related to forest operations, and assists local governments in the siting review of permanent dwellings on and adjacent to forestlands in further review areas.					x	x			
Contact: Oregon Department of Forestry, Northwest Oregon 801 Gales Creek Road Forest Grove, Oregon 97116-1199 Phone: (503) 359-7426	Website: http://www.odf.state.or.us								
Oregon Department of Forestry Debris Flow Warning Page The ODF debris flow warning page provides communities with up-to-date access to information regarding potential debris flows. As the lead agency, ODF is responsible for forecasting and measuring rainfall from storms that may trigger debris flows. Advisories and warnings are issued as appropriate. Information is broadcast over NOAA weather radio and on the Law Enforcement Data System. DOGAMI provides additional information on debris flows to the media that convey the information to the public. ODOT also provides warnings to motorists during periods determined to be of highest risk for rapidly moving landslides along areas on state highways with a history of being most vulnerable.					x				
	Website: http://egov.oregon.gov/ODF/FIRE/debris.shtml								
Oregon Department of Geology and Mineral Industries (DOGAMI) DOGAMI is an important agency for landslide mitigation activities in Oregon. Some key functions of DOGAMI are development of geologic data, producing maps, and acting as lead regulator for mining and drilling for geological resources. The agency also provides technical resources for communities and provides public education on geologic hazards. DOGAMI provides data and geologic information to local, state, and federal natural resource agencies, industry, and private groups.					x		x		

DOGAMI 800 NE Oregon Street, Suite 965, Portland, Oregon 97232 Phone: (971) 673-1555 Fax: (971) 673-1562	Website: http://www.oregongeology.com/sub/default.htm								
Oregon Department of Transportation (ODOT) ODOT provides warnings to motorists during periods determined to be of highest risk of rapidly moving landslides along areas on state highways with a history of being most vulnerable to rapidly moving landslides. ODOT also monitors for landslide activity and responds to slide events on state highways.					x				
ODOT Transportation Building 355 Capitol St. NE Salem, OR 97310 Phone: (888) 275-6368	Website: http://www.odot.state.or.us								
Oregon Division of State Lands (DSL) DSL is a regulatory agency, responsible for administration of Oregon's Removal-Fill Law. This law is intended to protect, conserve, and make the best use of the state's water resources. It generally requires a permit from DSL to remove, fill, or alter more than 50 cubic yards of material within the bed or banks of waters of the state. Exceptions are in state scenic waterways and areas designated essential salmon habitat, where a permit is required for all in-stream activity, regardless of size. DSL and the US Army Corps of Engineers may issue these permits jointly.			x						
775 Summer Street NE, Suite 100 Salem, OR 97301-1279 Phone: (503) 986-5224 Fax: (503) 378-4844	Website: http://statelands.dsl.state.or.us/								
Oregon Water Resources Department (WRD) Assistant Water Resources The WRD's mission is to serve the public by practicing and promoting wise long-term water management. The WRD provides services through 19 watermaster offices throughout the state. In addition, five regional offices provide services based on geographic regions. The Department's main administration is performed from the central office in Salem.			x						
725 Summer Street NE Suite A Salem, OR 97301 Phone: (503) 986-0900	Website: http://www.wrd.state.or.us/								

Portland State University, Department of Geology Portland State University conducts research and prepares inventories and reports for communities throughout Oregon. Research and projects conducted through the Department of Geology at Portland State University include an inventory of landslides for the Portland metropolitan region after the 1996 and 1997 floods and a subsequent susceptibility report and planning document for Metro in Portland.						x				
Portland State University, Department of Geology 17 Cramer Hall 1721 SW Broadway Portland, OR 97201 Phone: (503) 725-3022	Website: http://www.geol.pdx.edu									
The Nature of the Northwest Information Center The Nature of the Northwest Information Center is operated jointly by the Oregon Department of Geology and Mineral Industries and the USDA Forest Service. It offers selections of maps and publications from state, federal, and private agencies. DOGAMI's earthquake hazard maps can be ordered from this site.		x				x		x		
800 NE Oregon Street Suite 965 Portland, Oregon 97232 Phone: (971) 673-2331	Website: http://www.naturenw.org									
FEDERAL RESOURCES										
Army Corps of Engineers The Corps of Engineers administers a permit program to ensure that the nation's waterways are used in the public interest. Any person, firm, or agency planning to work in waters of the United States must first obtain a permit from the Army Corps of Engineers. In Oregon, joint permits may be issued with the Division of State Lands. The Corps is responsible for the protection and development of the nation's water resources, including navigation, flood control, energy production through hydropower management, water supply storage and recreation.			x							
US Army Corps of Engineers-Portland District, Floodplain Information Branch P.O. Box 2946 Portland, OR 97208-2946 Phone: (503) 808-5150	Website: http://www.nwp.usace.army.mil/									

EDA Disaster Recovery Coordinator Phone: (202) 482-4687	Website: http://www.commerce.gov/os/ogc/economic-development-administration							
Department of Housing and Urban Development (HUD) HUD is involved with the following grant programs: <ul style="list-style-type: none"> • Disaster Recovery Initiative - Grants to fund gaps in available recovery assistance after disasters (including mitigation); • Public Housing Modernization Reserve - Funding to public housing agencies for modernization needs resulting from natural disasters (including elevation, floodproofing, and retrofit; • HOME Investments Partnerships Program - Grants to States, local government and consortia for permanent and transitional housing (including support for property acquisition and rehabilitation) for low-income persons; and • Community Development Block Grant - Grants to entitled cities and urban counties (e.g. housing, a suitable living environment, expanded economic opportunities) in non-entitled areas, for low-income and moderate-income persons. Also contact, Oregon Economic and Community Development Department. 		x						
HUD Portland Field Office 400 SW 6th Ave., Suite 700 Portland, OR 97204-1632 Phone: (971) 222-2600	Website: http://portal.hud.gov/portal/page/portal/HUD							
Federal Emergency Management Agency (FEMA) FEMA is involved with the following programs: <ul style="list-style-type: none"> • Emergency Management/Mitigation Training – Training in disaster mitigation, preparedness, planning; • Hazard Mitigation Grant Program - Grants to states and communities for implementing long-term hazard mitigation measures following a major disaster declaration; and • Public Assistance Program - Grants to states and communities to repair damaged infrastructure and public facilities and help restore government or government-related services. Mitigation funding is available for work related to damaged components of the eligible building or 		x	x	x	x	x	x	x
FEMA, Federal Regional Center, Region X 130 228th St. SW Bothell, WA 98021-8627 Phone: (425) 487-4600	Website: http://www.fema.gov Maps: http://www.fema.gov/hazard/map/index.shtml							

To obtain FEMA publications:
 Phone: (800) 480-2520

Federal Wildland Fire Policy, Wildland/Urban Interface Protection This is a report describing federal policy and interface fire. Areas of needed improvement are identified and addressed through recommended goals and actions.							x				
	Website: http://www.nifc.gov/policies/quidance/GIFWFMP.pdf										
Fish and Wildlife Services (FWS) Acquires or purchases easements on high-quality lands and waters for inclusion into the National Wildlife Refuge System.		x	x								
USFWS Region 1 - Pacific 911 NE 11th Avenue Portland, OR 97232-4181	Website: http://www.fws.gov/pacific/										
National Fire Protection Association (NFPA) This is the principal federal agency involved in the National Wildland/Urban Interface Fire Protection Initiative. NFPA has information on the Initiative's programs and documents. Other members of the initiative include: the National Association of State Foresters, the US Department of Agriculture Forest Service, the US Department of the Interior, and the United							x				
Public Fire Protection Division 1 Battery March Park Quincy, MA 02269-9101 Phone: (617) 770-3000	Website: http://www.nfpa.org/index.asp?cookie%5Ftest=1										
National Interagency Fire Center (NIFC) The NIFC in Boise, Idaho is the nation's support center for wildland firefighting. Seven federal agencies work together to coordinate and support wildland fire and disaster operations. These agencies include the Bureau of Indian Affairs, Bureau of Land Management, Forest Service, Fish and Wildlife Service, National Park Service, National Weather Service, and Office of Aircraft							x				
National Interagency Fire Center 3833 S. Development Avenue, Boise, Idaho 83705-5354 Phone: (208) 387-5512	Website: http://www.nifc.gov/										
National Oceanic and Atmospheric Administration (NOAA) NOAA's historical role has been to predict environmental changes, protect life and property, provide decision makers with reliable scientific information, and foster global environmental stewardship.		x		x							

Portland Weather Forecast Office 5241 NE 122nd Avenue, Portland, OR 97230-1089 Phone: (503) 326-2340	www.noaa.gov/								
National Parks Service (NPS) Identifies, assesses, and transfers available Federal real property for acquisition for state and local parks and recreation, such as open space.		x							
National Park Service, National Center for Conservation and Recreation, Department of the Interior, 1849 C Street, NW., MS 3622, Washington, DC 20240. Phone: (202) 565-1184	http://www.nps.gov/index.htm								
Small Business Administration Provide for three types of disaster loans: Home disaster loans, Business physical disaster loans, Economic Injury Disaster Loans (EIDL) Eligibility: Home or business owners who qualify. Home loan up to \$2000,000, Business loans up to \$1,500,000 and EIDL up to \$1,500,000.		x							
Oregon District Office 601 SW Second Avenue, Suite 950. Portland, Oregon 97204-3192 Phone: (503) 326-2682 Fax: (503) 326-2808	Website: http://www.sba.gov/localresources/district/or/index.html								
The National Weather Service (NWS) NWS provides weather, hydrologic, and climate forecasts and warnings for the US, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy. NWS data and products form a national information database and infrastructure, which can be used by other governmental agencies, the private sector, the public, and the global community.		x	x	x					x
5241 NE 122nd Ave., Portland, OR 97230 Phone: (503) 326-2340	Website: http://nimbo.wrh.noaa.gov/Portland								

United States Department of Agriculture (USDA) - Farm Service Agency (FSA) USDA's Farm Service Agency is involved with: <ul style="list-style-type: none"> • Transferring title of certain inventory farm properties owned by FSA to federal and state agencies for conservation purposes (including the restoration of wetlands and floodplain areas to reduce future flood potential.); and • Intent to reduce the debt of delinquent borrowers in exchange for conservation easements placed on environmentally sensitive real property. Easement secures FSA loans; and • Intent to assist counties where physical damage or loss substantially affected farming, ranching, or agriculture. Eligibility: Farmers, ranchers, and agriculture operators. 		x							
US Department of Agriculture Farm Service Agency 7620 SW Mohawk Tualatin, Oregon 97062-8121 (503) 692-6830	Website: http://www.fsa.usda.gov/FSA/stateoffapp?mystate=or&area=home&subject=landing&topic=landing								
United States Department of Agriculture (USDA) – National Resource Conservation Service (NRCS) USDA-NRCS is involved with: <ul style="list-style-type: none"> • Provides technical and financial assistance for relief from imminent hazards in small watersheds, and to reduce vulnerability of life and property in small watershed areas damaged by severe natural hazard events; • Technical, educational, and limited financial assistance to encourage environmental enhancement community facilities; • Technical assistance for run-off retardation and soil erosion prevention to reduce hazards to life and property; and • Maintains soil surveys of counties or other areas to assist with farming, conservation, mitigation or related purposes. 		x	x	x					
Hillsboro Service Center for Washington County 1080 SW Baseline STE B2 Hillsboro, OR 97123 Phone: (503) 648-3174 Fax: (503) 681-9772	Website: http://www.nrcs.usda.gov/								

United States Department of Agriculture (USDA) – Rural Development USDA’s Rural Development Division is involved with: <ul style="list-style-type: none"> • Providing technical and financial assistance for relief from imminent hazards in small watersheds, and reducing vulnerability of life and property in small watershed areas damaged by severe natural hazard events; and • Provide guarantee loans made by eligible lenders for water and waste disposal facilities and other essential community facilities including Public Safety, Health Care, and Public Service facilities. Eligibility: public and private non-profit organizations. Borrowers in rural areas can receive \$10,000 for water and waste disposal facilities for \$20,000 for other community facilities. 		x							
101 SW Main St. Suite 1300, Portland, OR 97204 Phone: (503) 414-3366	http://www.rurdev.usda.gov/Home.html								
United States Department of Agriculture (USDA) - Rural Housing/Utilities services USDA’s Rural Development/Utilities services is involved with: <ul style="list-style-type: none"> • Grants, loans, and technical assistance in addressing rehabilitation, health, and safety needs in primarily low-income rural areas; and • Direct and guaranteed rural economic loans and business enterprise grants to address utility issues and development needs. 		x							
Community Programs Phone: (202) 720-1502	Website: http://www.rurdev.usda.gov/Utilities_Assistance.html								
United States Fire Administration (USFA) of the Federal Emergency Management Agency (FEMA) As an entity of the Federal Emergency Management Agency, the mission of the USFA is to reduce life and economic losses due to fire and related emergencies through leadership, advocacy, coordination, and support.						x			
16825 S. Seton Ave. Emmitsburg, MD 21727 Phone: (301) 447-1000	Website: http://www.usfa.dhs.gov/								
United States Forest Service (USFS) The USFS is a federal land management organization established to manage the nation’s federally owned forests. As part of the Department of Agriculture, it provides timber for people, forage for cattle and wildlife, habitat for fish, plants, and animals, and recreation lands throughout the country. The USFS offers a possible link from local jurisdictions to federal grant programs. Rural development projects. Eligibility to communities.		x				x			

US Forest Service - Pacific Northwest Region 333 SW First Avenue Portland, Oregon 97204-3440; Phone: 503.808.2468	Webstite: http://www.fs.fed.us/r6/								
United States Geological Survey (USGS) USGS is involved with: <ul style="list-style-type: none"> • Developing topographic quadrangles for use in mapping of flood and other hazards; and • The USGS conducts research on the conditions, issues, and problems of the natural resources in the nation. This information is useful for natural hazards mitigation and planning and is provided by USGS through its publications, maps, brochures and educational guidebooks. USGS also maintains websites at its various regional centers. 		x	x				x		
USGS Oregon District Office 10615 S.E. Cherry Blossom Dr. Portland, OR 97216, Phone: (503) 251-3210	Website: http://www.usgs.gov								
United States Geological Survey (USGS) -David A. Johnston Cascades Volcano Observatory (CVO) CVO provides accurate and timely information pertinent to assessment, warning, and mitigation of natural hazards. It provides warnings during volcanic crises by monitoring volcanoes and interpreting results in the context of current hazard assessments. It also provides information for use in land-use management emergency response plans, and public education.							x		
1300 SE Cardinal Court, Building 10, Suite 100 Vancouver, WA 98683-9589 Phone: 360-993-8900 FAX: 360-993-8980	Website: http://vulcan.wr.usgs.gov/CVO_Info/framework.html								
United States Geological Survey (USGS), National Landslide Information Center (NLIC) The NLIC website provides good information on the programs and resources regarding landslides. The page includes information on the National Landslide Hazards Program Information Center, a bibliography, publications, and current projects. USGS scientists are working to reduce long-term losses and casualties from landslide hazards through better understanding of the causes and mechanisms of ground failure both nationally and worldwide.				x					

National Landslide Information Center Phone: (800) 654-4966	Website: http://landslide.usgs.gov								
United States Geological Survey (USGS) Water Resources This web page offers current US water news; extensive current (including real-time) and historical water data; numerous fact sheets and other publications; various technical resources; descriptions of ongoing water survey programs; local water information; and connections to other sources of water information.			x						
Phone: (503) 251-3200	Website: http://water.usgs.gov or http://water.usgs.gov/public/realtime.html								
Western States Seismic Policy Council (WSSPC) The WSSPC is a regional organization that includes representatives of the earthquake programs of thirteen states (Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon Utah, Washington, and Wyoming), three U.S. territories (American Samoa, Commonwealth of the Northern Mariana Islands and Guam), one Canadian Province (British Columbia), and one Canadian Territory (Yukon). The primary aims of the organization have been: to improve public understanding of seismic risk; to improve earthquake preparedness; and, to provide a cooperative forum to enhance transfer of mitigation technologies at the local, state, interstate, and national levels. The mission of the Council is to provide a forum to advance earthquake hazard reduction programs throughout the western region and to develop, recommend, and present seismic policies and programs through information exchange, research and education.							x		
WSSPC 801 K Street Suite 1436 Sacramento, CA 95814 Phone: (916) 444-6816 Fax: (916) 444-8077	Website: http://www.wsspc.org/								
ADDITIONAL/OTHER RESOURCES									
American Planning Association (APA) The APA's research department embarked on a program to bring together solutions from multiple disciplines into a single source. It will help serve local planning efforts in identifying landslide hazards during the planning process so as to minimize exposure to landslide risks. The APA's website highlights planning efforts to reduce risk and loss from landslides.					x				

Principal Investigator, Landslides Project Address: Research Department, American Planning Association 122 S. Michigan Ave. Suite 1600 Chicago, Illinois 60603-6107 Phone: (312) 431-9100 Fax: (312) 431-9985	Website: http://www.planning.org/								
American Red Cross The Oregon Trail Chapter was chartered as a Red Cross unit in 1917. The chapter serves the residents of Clackamas, Columbia, Multnomah, Washington, Yamhill and Tillamook counties. The American Red Cross is a humanitarian organization, led by volunteers, that provides relief to victims of disasters and helps people prevent, prepare for, and respond to emergencies. The Oregon Chapter provides a variety of community services consistent with the Red Cross mission and meets the specific needs of this area, including disaster planning, preparedness, and education.		x		x	x	x			x
Oregon Chapter 3131 N. Vancouver Avenue Portland, Oregon 97227 (503) 284-1234 Phone: (503) 284-1234	Website: http://www.oregonredcross.org/index.asp?IDCapitulo=663B0ID44V								
Association of Contingency Planners, International Internet Resource		x							
[Internet Resource]	Website: http://www.acp-international.com/								
CBS News Disaster Links Internet Resource		x							
[Internet Resource]	Website: http://cbsnews.com/network/htdocs/digitaldan/disaster								

Department of Land Conservation and Development (DLCD) - Planning for Natural Hazards: The Oregon Technical Resource Guide This is a natural hazards planning and mitigation resource for Oregon cities and counties. It provides hazard-specific resources and plan evaluation tools. The document was written for local staffs and officials. The Technical Resource Guide includes a natural hazards comprehensive plan review, a hazard mitigation legal issues guide, and five hazard-specific technical resource guides, including: flooding, wildfires, landslides, coastal hazards, and earthquakes. This document is available online. You can write, call or fax to obtain this document.		x							
Natural Hazards Program Manager Address: 635 Capitol St. NE Suite 200, Salem, OR 97301-2540 Phone: (503) 373-0050	Website: http://www.oregon.gov/LCD/HAZ/publications.shtml#Planning_for_Natural_Hazards__Oregon_Tech__Resource_Guide__2000_								
FireFree Program to Promote Home Safety In a pioneering effort to address wildfire danger in Bend, Oregon, four local agencies and a Fortune 500 corporation joined together to create "FireFree! Get In The Zone," a public education campaign designed to increase resident participation in wildfire safety and mitigate losses. Spearheaded by SAFECO Corporation, the partnership includes the Bend Fire Department, Deschutes County Rural Fire Protection District #2, Bend City Planning, and The Deschutes National Forest. The Oregon Department of Forestry and a number of local government agencies and businesses have joined the program.						x			
FireFree 63377 Jamison St. Bend, OR 97701 Phone: (541) 318-0459	Website: http://www.firefree.org								
Firewise – The National Wildland/Urban Interface Fire program Firewise maintains a Website designed for people who live in wildfire- prone areas, but it also can be of use to local planners and decision makers. The site offers online wildfire protection information and checklists, as well as listings of other publications, videos, and conferences.						x			
Firewise PO Box 9101 Quincy, MA 02269-9101 Phone: (617) 984-7486	Website: http://www.firewise.org/								

Health and Human Services Department Internet Resource		x						
[Internet Resource]	Website: http://ndms.dhhs.gov/index.html							
Institute for Business & Home Safety (IBHS) IBHS was created as an initiative of the insurance industry to reduce damage and losses caused by natural disasters. Their website provides educational resources and on-line publications for insurers, businesses, and homeowners who are interested in taking the initiative to minimize future damages and losses.		x		x	x	x		x
4775 E. Fowler Avenue Tampa, FL 33617 Phone: (813) 286-3400 Fax:(813) 286-9960	Website: http://www.ibhs.org							
Institute of Geological & Nuclear Sciences Limited (GNS) GNS has an excellent website that describes volcanic hazards in New Zealand. It provides simple and informative descriptions of volcanic hazards that are useful for communities around the world. It discusses the types of volcanic hazards and emergency response and mitigation actions that could be implemented.								x
Institute of Geological & Nuclear Sciences 69 Gracefield Rd PO Box 30-368 Lower Hutt, New Zealand Phone: (04) 570-1444	Website: http://www.gns.cri.nz/earthact/volcanoes/hazards/index.htm							
International Association of Emergency Managers (IAEM) Internet Resource		x						
[Internet Resource]	Website: http://www.iaem.com/							

Natural Hazards Center at the University of Colorado, Boulder The Natural Hazards Research and Applications Information Center, located at the University of Colorado, Boulder, Colorado, USA, is a national and international clearinghouse that provides information on natural hazards and human adjustments to these risks. The center's prime goal is to increase communication among hazard/disaster researchers and those individuals, agencies, and organizations who are actively working to reduce disaster damage and suffering. The Natural Hazards Center carries out its mission in four principal areas: information dissemination, an annual workshop, research, and library services.		x							
University of Colorado 482 UCB Boulder, CO 80309-0482 Phone: (303) 492-6818 Fax: (303) 492-2151	Website: http://www.colorado.edu/hazards/								
National Voluntary Organizations Active in Disasters Internet Resource		x							
[Internet Resource]	Website: http://www.nvoad.org/								
Northwest Regional Floodplain Managers Association (NORFMA) This site is a resource for floodplains, fisheries, and river engineering information for the Northwest. This site provides technical information, articles, and Internet links in the field of floodplain and fisheries management.			x						
Northwest Regional Floodplain Managers Association	Website: http://www.norfma.org/								
Office of Hydrology, National Weather Service The National Weather Service's Office of Hydrology (OH) and its Hydrological Information Center offer information on floods and other aquatic disasters. This site offers current and historical data including an archive of past flood summaries, information on current hydrologic conditions, water supply outlooks, an Automated Local Flood Warning Systems Handbook, Natural Disaster Survey Reports, and other scientific publications on hydrology and flooding.			x						
Office of Hydrology, National Weather Service 1325 East West Highway Silver Spring, MD 20910	Website: http://www.nws.noaa.gov/oh or http://www.nws.noaa.gov/oh/hic/								

Oregon Emergency Management Association (OEMA) Internet Resource		x							
[Internet Resource]	Website: http://www.oregonemergency.com/								
State of Washington, Department of Ecology The Washington State Department of Ecology has a landslide website with tips for reducing risk, warning signs, and maps.					x				
Department of Ecology PO Box 47600 Olympia, WA 98504-7600	Website: http://www.ecy.wa.gov/programs/sea/landslides/								
The National Domestic Preparedness Office, FBI Internet Resource		x							
[Internet Resource]	Website: http://www.ojp.usdoj.gov/odp								
The Association of State Floodplain Managers The Association of State Floodplain Managers is an organization of professionals involved in floodplain management, flood hazard mitigation, the National Flood Insurance Program, and flood preparedness, warning, and recovery. ASFPM fosters communication among those responsible for flood hazard activities, provides technical advice to governments and other entities about proposed actions or policies that will affect flood hazards, and encourages flood hazard research, education, and training. The Development Services Engineer for the City of Beaverton is a member of ASFPM. The ASFPM Web site includes information on how to become a member, the organization's constitution and bylaws, directories of officers and committees, a publications list, information on upcoming conferences, a history of the association, and other useful information and Internet links.		x	x						
2809 Fish Hatchery Road Madison, WI 53713 Phone: (608) 274-0123	Website: http://www.floods.org								

The Floodplain Management Association The Floodplain Management website was established by the Floodplain Management Association (FMA) to serve the entire floodplain management community. It includes full-text articles, a calendar of upcoming events, a list of positions available, an index of publications available free or at nominal cost, a list of associations, a list of firms and consultants in floodplain management, an index of newsletters dealing with flood issues (with hypertext links if available), a section on the basics of floodplain management, a list of frequently asked questions (FAQs) about the Website, and, of course, a copious catalog of Web links.			x										
Floodplain Managers Association P.O. Box 712080 Santee, CA 92072 (619) 204-4380	Website: http://www.floodplain.org												
The National Emergency Management Association (NEMA) Internet Resource			x										
[Internet Resource]	Website: http://www.nemaweb.org/index.cfm												
The National Flood Insurance Program The National Flood Insurance Program (NFIP) Website is a subsection of the Federal Emergency Management Agency (FEMA) site (http://www.fema.gov). The NFIP information is intended for both the general public and the many organizations and agencies participating in the program. It includes information about the NFIP and other flood disaster assistance available from the Federal Government. It also provides access to the newly revised NFIP booklet: Answers to Questions about the National Flood Insurance Program.			x										
Phone: (888) FLOOD29 or (800) 427-5593	Website: http://www.fema.gov/nfip												

Appendix G

Consolidated Resource Directory

This Appendix is a consolidated directory of all of the resources that were previously listed at the back of each of the hazard chapters, including the Multi-Hazard Chapter. This was done to make it easier to update and maintain the directory, particularly for those resources that apply to multiple hazards. The columns to the right indicate the hazards that the resources were originally associated with, however over time they could become applicable to additional

Agency/Description	Contact	Address	Phone							
COUNTY/ SPECIAL DISTRICT/ REGIONAL RESOURCES										
Cascadia Region Earthquake Workgroup (CREW) CREW provides information on regional earthquake hazards, facts and mitigation strategies for the home and business office. CREW is a coalition of private and public representatives working together to improve the ability of Cascadia Region communities to reduce the effects of earthquake events. Members are from Oregon, Washington, California, and British Columbia. Goals are to: <ul style="list-style-type: none"> • Promote efforts to reduce the loss of life and property. • Conduct education efforts to motivate key decision makers to reduce risks associated with earthquakes. • Foster productive linkages between scientists, critical infrastructure providers, businesses and governmental agencies in order to improve the viability of communities after an earthquake. 									x	
Cascadia Region Earthquake Workgroup c/o Bob Freitag, Executive Director 3110 Portage Bay Pl E, Slip G Seattle, WA 98102 Telephone: (206) 818-1175 Fax: (206) 328-2533	Website: http://www.crew.org/									

Clean Water Services (CWS) Clean Water Services (formerly the Unified Sewerage Agency) provides sanitary sewer and storm water management services to the unincorporated urbanized areas of Washington County. CWS works with the County and cities within the County to build and maintain public drainage systems that meet public needs and comply with regulations set by the Oregon Department of Environment Quality. CWS maintains storm sewers and pipelines, open drainage ditches, and stormwater detention ponds; however, inside the City of Beaverton, City crews maintain these facilities. CWS also publishes long-term flood management plans, with a primary focus on the protection of riparian buffer areas and wetland preservation. CWS is slated to complete the Watersheds 2000 project in 2003, an inventory of the location and condition of the stream (surface water) system in the Tualatin Basin.			x	x					
2550 SW Hillsboro Highway Hillsboro, OR 97123- Phone: (503)681-3600 Fax: (503)681-3603	Website: http://www.cleanwaterservices.org/								
Land Use and Transportation Department The Washington County Land Use and Transportation Department plans, builds and maintains the County's transportation systems and prepares, implements, and enforces land use plans and policies.		x	x	x				x	
155 N. First Avenue, Suite 350, Hillsboro, OR 97124 Phone: (503) 846-4530	Website: http://www.co.washington.or.us/LUT/								
Metro Regional Government Metro is the directly elected regional government that serves more than 1.3 million residents in Clackamas, Multnomah, and Washington counties and 24 cities in the Portland metropolitan area. Chapter 5 of Metro's Regional Framework Plan addresses natural hazards. Metro's Natural Hazards Program is a service of the Growth Management Services Department's Data Resource Center. Their web pages relate to natural hazards that may impact the Portland metropolitan area. Their links provide information about the natural hazards in the Portland metropolitan area and suggest tools for reducing potential damages before disaster strikes. Metro produced the Regional Hazard Mitigation Policy and Planning Guide in 1999 to assist local governments in planning for future natural hazard events.		x	x				x		

Contact 1: Metro Regional Government 600 NE Grand Ave Portland, OR 97232-2736 Phone: (503) 797-1700 Fax: (503) 797-1797	Contact 1: Website: http://www.metro-region.org/ Contact 2: Website: http://www.oregonmetro.gov/index.cfm/go/by.web/id=24876									
Office of Consolidated Emergency Management (OCEM) Contact 2: The Office of Consolidated Emergency Management for Washington County is committed to the development and maintenance of a county-wide, integrated system to prepare for, respond to, recover from, and mitigate against disasters. OCEM comprises Beaverton, Tigard, Hillsboro, Washington County, and Tualatin Valley Fire and Rescue.		x	x	x	x	x	x	x		
20665 S.W. Blanton St. Aloha, OR 97007 Phone: (503) 259-1171	http://www.ocem.org/									
Tualatin River Watershed Council The Tualatin River Watershed Council was initiated in 1993 to provide more coordinated and integrated resource planning for the Tualatin River watershed. Its purpose is to address watershed management issues in the Tualatin Basin and provide a framework for coordination and cooperation among key interests. The Council consists of 19 members representing various stakeholders in the watershed including citizens, local governments, agriculture, business, and industry, environmental groups, forestry, water and sewer districts, neighborhood associations, and educators.			x							
Council Coordinator PO Box 338 Hillsboro, OR 97123-0338 Phone: (503) 846-4810	Website: http://www.trwc.org									
Tualatin Riverkeepers The Tualatin Riverkeepers provide volunteer-based educational and monitoring programs for the Tualatin River Basin. Programs include van tours, canoe trips, speaking engagements, and river cleanups. They focus on preserving the “biotic integrity” of the river system.			x							
Executive Director 12360 SW Main Street Suite 100 Tigard, OR 97223 Phone: (503) 620-7645	http://www.tualatinriverkeepers.org/index.html									

Washington County Emergency Management		x							
The Emergency Management Program exists pursuant to ORS 401 to guide the county's preparations for, response to, and recovery from major emergencies and disasters. The program is organized under the county's sheriff's office and oversees preparation and maintenance of the county's emergency operations plan and emergency operations center and the training and exercising of designated staff.									
20665 S.W. Blanton St. Aloha, OR 97007 Phone: (503) 259-1171	Website: http://www.co.washington.or.us								
Washington County Fire Defense Board					x				
<p>The Washington County Fire Defense Board is comprised of all the local fire chiefs within the county and also includes ex-officio representatives from the State Fire Marshal's Office and the Oregon Department of Forestry. Pursuant to the Oregon Fire Service Mobilization Plan, the Fire Defense Board is charged with the following responsibilities:</p> <ul style="list-style-type: none"> • Develop a fire service plan with provisions permitting local departments to respond with mutual aid forces upon request of other local departments in the county. • Administer the State Fire Mobilization Plan within the county. • Maintain response procedures for alert, transfer, and dispatch of fire fighting equipment and personnel. • Maintain liaison with other agencies capable of augmenting fire-fighting resources. • Maintain inventories of fire fighting equipment in the county. • Develop dispatch plans for mobilization requests and conduct exercises as necessary to ensure efficient operations. • Develop expedient procedures for providing and dispatching incident command overhead teams and logistical support. • Hold regular meetings. <p>The Washington County Fire Defense Board meets regularly with representatives from a number of other agencies in the county to coordinate prevention and response activities and issues. Those agencies/individuals include the county sheriff's office, Metro West Ambulance, the Washington County Consolidated Communications Agency (County 911), the Washington County Emergency Medical Services Coordinator, Washington County Emergency Management, and the Washington County Building Services Division. For contact information for the Washington County Fire Defense Board, contact the Oregon State Fire Marshal.</p>									

<p>Oregon State Fire Marshal 4760 Portland Road NE Salem, Oregon 97305-1760 Phone: (503) 378-3473 Fax: (503) 373-1825 Email: oregon.sfm@state.or.us</p>	<p>Website: http://www.oregon.gov/OSP/SFM/</p>								
<p>Washington County Soil and Water Conservation District (SWCD) The SWCD works in partnership with the Natural Resource Conservation Service to promote soil and water conservation in Washington County. SWCD works with agricultural interests and landowners to provide information on natural resource conservation practices. The partnership blends individual member resources to offer technical and financial assistance in planning and applying natural resource conservation practices and systems. Areas of focus include: erosion management, wetlands preservation and restoration, resource inventories, watershed assessments, and conservation education.</p>			x						
<p>1080 SW Baseline St. Suite B-2 Hillsboro, OR 97123-3831 Phone: (503) 648-3174 X5</p>	<p>Website: http://www.swcd.net/</p>								
STATE RESOURCES									
<p>Department of Land Conservation and Development (DLCD) DLCD administers the State's Land Use Planning Program. DLCD serves as Oregon's federally designated agency to coordinate floodplain management in Oregon. They also conduct various landslide related mitigation activities.</p>		x	x	x	x	x	x	x	x
<p>635 Capitol St. NE, Suite 200 Salem, OR 97301-2540 Phone: (503) 373-0050</p>	<p>Website: http://www.lcd.state.or.us/</p>								
<p>Military Department–Office of Emergency Management (OEM) The purpose of OEM is to execute the Governor's responsibilities to maintain an emergency services system as prescribed in Oregon Revised Statutes Chapter 401 by planning, preparing, and providing for the prevention, mitigation, and management of emergencies or disasters that present a threat to the lives and property of citizens of and visitors to the state of Oregon.</p>		x	x	x	x	x	x	x	x

Hazard Mitigation Officer 3225 State Street Salem, Oregon 97301 or Box 14370 PO Salem, OR 97309-5062 Phone: (503) 378-2911, ext 22247	Website: http://www.oregon.gov/OMD/OEM/								
Office of the State Fire Marshal (OSFM) The Prevention Unit of Oregon's Office of the State Fire Marshal contains 19 Deputy State Fire Marshals located in various regions. The responsibilities of these deputies include public education for local fire districts and inspection of businesses, public assemblies, schools, daycare centers, and adult foster homes. The State Fire Marshal's Community Education Services unit works to keep Oregonians safe from fires and injury by providing them with the knowledge to protect themselves and their property.						x			
Oregon State Fire Marshal 4760 Portland Road NE Salem, Oregon 97305-1760 Phone: (503) 378-3473 Fax: (503) 373-1825	Website: http://159.121.82.250/								
Oregon Climate Service (OCS) The Oregon Climate Service collects, manages, and maintains Oregon weather and climate data. OCS provides weather and climate information to those within and outside the state of Oregon and educates the citizens of Oregon on current and emerging climate issues. OCS also performs independent research related to weather and climate issues.		x		x					
OCS, Oregon State University, Strand Ag Hall Room 326, Corvallis, OR 97331 Phone: (541) 737-8927	http://www.ocs.oregonstate.edu/								
Oregon Department of Consumer and Business Services The Building Codes Division of Oregon's Department of Consumer and Business Services is responsible for administering statewide building codes. Its responsibilities include adoption of statewide construction standards that help create disaster-resistant buildings, particularly for flood, wildfire, wind, foundation stability, and seismic hazards. Information about wildfire related building codes is found through this department.		x		x		x	x		

1535 Edgewater St. NW, P.O. Box 14480 Salem, OR 97309-0405 Phone: (503) 378-6444	http://egov.oregon.gov/DCBS/contact_us.shtml								
Oregon Department of Forestry (ODF) The mission of the Oregon Department of Forestry is to serve the people of Oregon through the protection, management, and promotion of a healthy forest environment, which will enhance Oregon's livability and economy for today and tomorrow. ODF regulates forest operations to reduce the risk of serious injury or death from rapidly moving landslides related to forest operations, and assists local governments in the siting review of permanent dwellings on and adjacent to forestlands in further review areas.					x	x			
Contact: Oregon Department of Forestry, Northwest Oregon 801 Gales Creek Road Forest Grove, Oregon 97116-1199 Phone: (503) 359-7426	Website: http://www.odf.state.or.us								
Oregon Department of Forestry Debris Flow Warning Page The ODF debris flow warning page provides communities with up-to-date access to information regarding potential debris flows. As the lead agency, ODF is responsible for forecasting and measuring rainfall from storms that may trigger debris flows. Advisories and warnings are issued as appropriate. Information is broadcast over NOAA weather radio and on the Law Enforcement Data System. DOGAMI provides additional information on debris flows to the media that convey the information to the public. ODOT also provides warnings to motorists during periods determined to be of highest risk for rapidly moving landslides along areas on state highways with a history of being most vulnerable.					x				
	Website: http://egov.oregon.gov/ODF/FIRE/debris.shtml								
Oregon Department of Geology and Mineral Industries (DOGAMI) DOGAMI is an important agency for landslide mitigation activities in Oregon. Some key functions of DOGAMI are development of geologic data, producing maps, and acting as lead regulator for mining and drilling for geological resources. The agency also provides technical resources for communities and provides public education on geologic hazards. DOGAMI provides data and geologic information to local, state, and federal natural resource agencies, industry, and private groups.					x		x		

<p>DOGAMI 800 NE Oregon Street, Suite 965, Portland, Oregon 97232 Phone: (971) 673-1555 Fax: (971) 673-1562</p>	<p>Website: http://www.oregongeology.com/sub/default.htm</p>								
<p>Oregon Department of Transportation (ODOT) ODOT provides warnings to motorists during periods determined to be of highest risk of rapidly moving landslides along areas on state highways with a history of being most vulnerable to rapidly moving landslides. ODOT also monitors for landslide activity and responds to slide events on state highways.</p>					x				
<p>ODOT Transportation Building 355 Capitol St. NE Salem, OR 97310 Phone: (888) 275-6368</p>	<p>Website: http://www.odot.state.or.us</p>								
<p>Oregon Division of State Lands (DSL) DSL is a regulatory agency, responsible for administration of Oregon's Removal-Fill Law. This law is intended to protect, conserve, and make the best use of the state's water resources. It generally requires a permit from DSL to remove, fill, or alter more than 50 cubic yards of material within the bed or banks of waters of the state. Exceptions are in state scenic waterways and areas designated essential salmon habitat, where a permit is required for all in-stream activity, regardless of size. DSL and the US Army Corps of Engineers may issue these permits jointly.</p>			x						
<p>775 Summer Street NE, Suite 100 Salem, OR 97301-1279 Phone: (503) 986-5224 Fax: (503) 378-4844</p>	<p>Website: http://statelands.dsl.state.or.us/</p>								
<p>Oregon Water Resources Department (WRD) The WRD's mission is to serve the public by practicing and promoting wise long-term water management. The WRD provides services through 19 watermaster offices throughout the state. In addition, five regional offices provide services based on geographic regions. The Department's main administration is performed from the central office in Salem.</p>			x						
<p>725 Summer Street NE Suite A Salem, OR 97301 Phone: (503) 986-0900</p>	<p>Website: http://www.wrd.state.or.us/</p>								

EDA Disaster Recovery Coordinator Phone: (202) 482-4687	Website: http://www.commerce.gov/os/ogc/economic-development-administration							
Department of Housing and Urban Development (HUD) HUD is involved with the following grant programs: <ul style="list-style-type: none"> • Disaster Recovery Initiative - Grants to fund gaps in available recovery assistance after disasters (including mitigation); • Public Housing Modernization Reserve - Funding to public housing agencies for modernization needs resulting from natural disasters (including elevation, floodproofing, and retrofit; • HOME Investments Partnerships Program - Grants to States, local government and consortia for permanent and transitional housing (including support for property acquisition and rehabilitation) for low-income persons; and • Community Development Block Grant - Grants to entitled cities and urban counties (e.g. housing, a suitable living environment, expanded economic opportunities) in non-entitled areas, for low-income and moderate-income persons. Also contact, Oregon Economic and Community Development Department. 		x						
HUD Portland Field Office 400 SW 6th Ave., Suite 700 Portland, OR 97204-1632 Phone: (971) 222-2600	Website: http://portal.hud.gov/portal/page/portal/HUD							
Federal Emergency Management Agency (FEMA) FEMA is involved with the following programs: <ul style="list-style-type: none"> • Emergency Management/Mitigation Training – Training in disaster mitigation, preparedness, planning; • Hazard Mitigation Grant Program - Grants to states and communities for implementing long-term hazard mitigation measures following a major disaster declaration; and • Public Assistance Program - Grants to states and communities to repair damaged infrastructure and public facilities and help restore government or government-related services. Mitigation funding is available for work related to damaged components of the eligible building or 		x	x	x	x	x	x	x
FEMA, Federal Regional Center, Region X 130 228th St. SW Bothell, WA 98021-8627 Phone: (425) 487-4600	Website: http://www.fema.gov Maps: http://www.fema.gov/hazard/map/index.shtml							

To obtain FEMA publications:
 Phone: (800) 480-2520

Portland Weather Forecast Office 5241 NE 122nd Avenue, Portland, OR 97230-1089 Phone: (503) 326-2340	www.noaa.gov/								
National Parks Service (NPS) Identifies, assesses, and transfers available Federal real property for acquisition for state and local parks and recreation, such as open space.		x							
National Park Service, National Center for Conservation and Recreation, Department of the Interior, 1849 C Street, NW., MS 3622, Washington, DC 20240. Phone: (202) 565-1184	http://www.nps.gov/index.htm								
Small Business Administration Provide for three types of disaster loans: Home disaster loans, Business physical disaster loans, Economic Injury Disaster Loans (EIDL) Eligibility: Home or business owners who qualify. Home loan up to \$2000,000, Business loans up to \$1,500,000 and EIDL up to \$1,500,000.		x							
Oregon District Office 601 SW Second Avenue, Suite 950. Portland, Oregon 97204-3192 Phone: (503) 326-2682 Fax: (503) 326-2808	Website: http://www.sba.gov/localresources/district/or/index.html								
The National Weather Service (NWS) NWS provides weather, hydrologic, and climate forecasts and warnings for the US, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy. NWS data and products form a national information database and infrastructure, which can be used by other governmental agencies, the private sector, the public, and the global community.		x	x	x					x
5241 NE 122nd Ave., Portland, OR 97230 Phone: (503) 326-2340	Website: http://nimbo.wrh.noaa.gov/Portland								

United States Department of Agriculture (USDA) - Farm Service Agency (FSA) USDA's Farm Service Agency is involved with: <ul style="list-style-type: none"> • Transferring title of certain inventory farm properties owned by FSA to federal and state agencies for conservation purposes (including the restoration of wetlands and floodplain areas to reduce future flood potential.); and • Intent to reduce the debt of delinquent borrowers in exchange for conservation easements placed on environmentally sensitive real property. Easement secures FSA loans; and • Intent to assist counties where physical damage or loss substantially affected farming, ranching, or agriculture. Eligibility: Farmers, ranchers, and agriculture operators. 		x							
US Department of Agriculture Farm Service Agency 7620 SW Mohawk Tualatin, Oregon 97062-8121 (503) 692-6830	Website: http://www.fsa.usda.gov/FSA/stateoffapp?mystate=or&area=home&subject=landing&topic=landing								
United States Department of Agriculture (USDA) – National Resource Conservation Service (NRCS) USDA-NRCS is involved with: <ul style="list-style-type: none"> • Provides technical and financial assistance for relief from imminent hazards in small watersheds, and to reduce vulnerability of life and property in small watershed areas damaged by severe natural hazard events; • Technical, educational, and limited financial assistance to encourage environmental enhancement community facilities; • Technical assistance for run-off retardation and soil erosion prevention to reduce hazards to life and property; and • Maintains soil surveys of counties or other areas to assist with farming, conservation, mitigation or related purposes. 		x	x	x					
Hillsboro Service Center for Washington County 1080 SW Baseline STE B2 Hillsboro, OR 97123 Phone: (503) 648-3174 Fax: (503) 681-9772	Website: http://www.nrcs.usda.gov/								

United States Department of Agriculture (USDA) – Rural Development USDA’s Rural Development Division is involved with: <ul style="list-style-type: none"> • Providing technical and financial assistance for relief from imminent hazards in small watersheds, and reducing vulnerability of life and property in small watershed areas damaged by severe natural hazard events; and • Provide guarantee loans made by eligible lenders for water and waste disposal facilities and other essential community facilities including Public Safety, Health Care, and Public Service facilities. Eligibility: public and private non-profit organizations. Borrowers in rural areas can receive \$10,000 for water and waste disposal facilities for \$20,000 for other community facilities. 		x							
101 SW Main St. Suite 1300, Portland, OR 97204 Phone: (503) 414-3366	http://www.rurdev.usda.gov/Home.html								
United States Department of Agriculture (USDA) - Rural Housing/Utilities services USDA’s Rural Development/Utilities services is involved with: <ul style="list-style-type: none"> • Grants, loans, and technical assistance in addressing rehabilitation, health, and safety needs in primarily low-income rural areas; and • Direct and guaranteed rural economic loans and business enterprise grants to address utility issues and development needs. 		x							
Community Programs Phone: (202) 720-1502	Website: http://www.rurdev.usda.gov/Utilities_Assistance.html								
United States Fire Administration (USFA) of the Federal Emergency Management Agency (FEMA) As an entity of the Federal Emergency Management Agency, the mission of the USFA is to reduce life and economic losses due to fire and related emergencies through leadership, advocacy, coordination, and support.						x			
16825 S. Seton Ave. Emmitsburg, MD 21727 Phone: (301) 447-1000	Website: http://www.usfa.dhs.gov/								
United States Forest Service (USFS) The USFS is a federal land management organization established to manage the nation’s federally owned forests. As part of the Department of Agriculture, it provides timber for people, forage for cattle and wildlife, habitat for fish, plants, and animals, and recreation lands throughout the country. The USFS offers a possible link from local jurisdictions to federal grant programs. Rural development projects. Eligibility to communities.		x				x			

US Forest Service - Pacific Northwest Region 333 SW First Avenue Portland, Oregon 97204-3440; Phone: 503.808.2468	Webstite: http://www.fs.fed.us/r6/								
United States Geological Survey (USGS) USGS is involved with: <ul style="list-style-type: none"> • Developing topographic quadrangles for use in mapping of flood and other hazards; and • The USGS conducts research on the conditions, issues, and problems of the natural resources in the nation. This information is useful for natural hazards mitigation and planning and is provided by USGS through its publications, maps, brochures and educational guidebooks. USGS also maintains websites at its various regional centers. 		x	x				x		
USGS Oregon District Office 10615 S.E. Cherry Blossom Dr. Portland, OR 97216, Phone: (503) 251-3210	Website: http://www.usgs.gov								
United States Geological Survey (USGS) -David A. Johnston Cascades Volcano Observatory (CVO) CVO provides accurate and timely information pertinent to assessment, warning, and mitigation of natural hazards. It provides warnings during volcanic crises by monitoring volcanoes and interpreting results in the context of current hazard assessments. It also provides information for use in land-use management emergency response plans, and public education.							x		
1300 SE Cardinal Court, Building 10, Suite 100 Vancouver, WA 98683-9589 Phone: 360-993-8900 FAX: 360-993-8980	Website: http://vulcan.wr.usgs.gov/CVO_Info/framework.html								
United States Geological Survey (USGS), National Landslide Information Center (NLIC) The NLIC website provides good information on the programs and resources regarding landslides. The page includes information on the National Landslide Hazards Program Information Center, a bibliography, publications, and current projects. USGS scientists are working to reduce long-term losses and casualties from landslide hazards through better understanding of the causes and mechanisms of ground failure both nationally and worldwide.				x					

National Landslide Information Center Phone: (800) 654-4966	Website: http://landslide.usgs.gov								
United States Geological Survey (USGS) Water Resources This web page offers current US water news; extensive current (including real-time) and historical water data; numerous fact sheets and other publications; various technical resources; descriptions of ongoing water survey programs; local water information; and connections to other sources of water information.			x						
Phone: (503) 251-3200	Website: http://water.usgs.gov or http://water.usgs.gov/public/realtime.html								
Western States Seismic Policy Council (WSSPC) The WSSPC is a regional organization that includes representatives of the earthquake programs of thirteen states (Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon Utah, Washington, and Wyoming), three U.S. territories (American Samoa, Commonwealth of the Northern Mariana Islands and Guam), one Canadian Province (British Columbia), and one Canadian Territory (Yukon). The primary aims of the organization have been: to improve public understanding of seismic risk; to improve earthquake preparedness; and, to provide a cooperative forum to enhance transfer of mitigation technologies at the local, state, interstate, and national levels. The mission of the Council is to provide a forum to advance earthquake hazard reduction programs throughout the western region and to develop, recommend, and present seismic policies and programs through information exchange, research and education.							x		
WSSPC 801 K Street Suite 1436 Sacramento, CA 95814 Phone: (916) 444-6816 Fax: (916) 444-8077	Website: http://www.wsspc.org/								
ADDITIONAL/OTHER RESOURCES									
American Planning Association (APA) The APA's research department embarked on a program to bring together solutions from multiple disciplines into a single source. It will help serve local planning efforts in identifying landslide hazards during the planning process so as to minimize exposure to landslide risks. The APA's website highlights planning efforts to reduce risk and loss from landslides.					x				

Principal Investigator, Landslides Project Address: Research Department, American Planning Association 122 S. Michigan Ave. Suite 1600 Chicago, Illinois 60603-6107 Phone: (312) 431-9100 Fax: (312) 431-9985	Website: http://www.planning.org/								
American Red Cross The Oregon Trail Chapter was chartered as a Red Cross unit in 1917. The chapter serves the residents of Clackamas, Columbia, Multnomah, Washington, Yamhill and Tillamook counties. The American Red Cross is a humanitarian organization, led by volunteers, that provides relief to victims of disasters and helps people prevent, prepare for, and respond to emergencies. The Oregon Chapter provides a variety of community services consistent with the Red Cross mission and meets the specific needs of this area, including disaster planning, preparedness, and education.		x		x	x	x			x
Oregon Chapter 3131 N. Vancouver Avenue Portland, Oregon 97227 (503) 284-1234 Phone: (503) 284-1234	Website: http://www.oregonredcross.org/index.asp?IDCapitulo=663B0ID44V								
Association of Contingency Planners, International Internet Resource		x							
[Internet Resource]	Website: http://www.acp-international.com/								
CBS News Disaster Links Internet Resource		x							
[Internet Resource]	Website: http://cbsnews.com/network/htdocs/digitaldan/disaster								

Department of Land Conservation and Development (DLCD) - Planning for Natural Hazards: The Oregon Technical Resource Guide This is a natural hazards planning and mitigation resource for Oregon cities and counties. It provides hazard-specific resources and plan evaluation tools. The document was written for local staffs and officials. The Technical Resource Guide includes a natural hazards comprehensive plan review, a hazard mitigation legal issues guide, and five hazard-specific technical resource guides, including: flooding, wildfires, landslides, coastal hazards, and earthquakes. This document is available online. You can write, call or fax to obtain this document.		x							
Natural Hazards Program Manager Address: 635 Capitol St. NE Suite 200, Salem, OR 97301-2540 Phone: (503) 373-0050	Website: http://www.oregon.gov/LCD/HAZ/publications.shtml#Planning_for_Natural_Hazards__Oregon_Tech__Resource_Guide__2000_								
FireFree Program to Promote Home Safety In a pioneering effort to address wildfire danger in Bend, Oregon, four local agencies and a Fortune 500 corporation joined together to create "FireFree! Get In The Zone," a public education campaign designed to increase resident participation in wildfire safety and mitigate losses. Spearheaded by SAFECO Corporation, the partnership includes the Bend Fire Department, Deschutes County Rural Fire Protection District #2, Bend City Planning, and The Deschutes National Forest. The Oregon Department of Forestry and a number of local government agencies and businesses have joined the program.						x			
FireFree 63377 Jamison St. Bend, OR 97701 Phone: (541) 318-0459	Website: http://www.firefree.org								
Firewise – The National Wildland/Urban Interface Fire program Firewise maintains a Website designed for people who live in wildfire- prone areas, but it also can be of use to local planners and decision makers. The site offers online wildfire protection information and checklists, as well as listings of other publications, videos, and conferences.						x			
Firewise PO Box 9101 Quincy, MA 02269-9101 Phone: (617) 984-7486	Website: http://www.firewise.org/								

Health and Human Services Department Internet Resource		x						
[Internet Resource]	Website: http://ndms.dhhs.gov/index.html							
Institute for Business & Home Safety (IBHS) IBHS was created as an initiative of the insurance industry to reduce damage and losses caused by natural disasters. Their website provides educational resources and on-line publications for insurers, businesses, and homeowners who are interested in taking the initiative to minimize future damages and losses.		x		x	x	x		x
4775 E. Fowler Avenue Tampa, FL 33617 Phone: (813) 286-3400 Fax:(813) 286-9960	Website: http://www.ibhs.org							
Institute of Geological & Nuclear Sciences Limited (GNS) GNS has an excellent website that describes volcanic hazards in New Zealand. It provides simple and informative descriptions of volcanic hazards that are useful for communities around the world. It discusses the types of volcanic hazards and emergency response and mitigation actions that could be implemented.								x
Institute of Geological & Nuclear Sciences 69 Gracefield Rd PO Box 30-368 Lower Hutt, New Zealand Phone: (04) 570-1444	Website: http://www.gns.cri.nz/earthact/volcanoes/hazards/index.htm							
International Association of Emergency Managers (IAEM) Internet Resource		x						
[Internet Resource]	Website: http://www.iaem.com/							

Natural Hazards Center at the University of Colorado, Boulder The Natural Hazards Research and Applications Information Center, located at the University of Colorado, Boulder, Colorado, USA, is a national and international clearinghouse that provides information on natural hazards and human adjustments to these risks. The center's prime goal is to increase communication among hazard/disaster researchers and those individuals, agencies, and organizations who are actively working to reduce disaster damage and suffering. The Natural Hazards Center carries out its mission in four principal areas: information dissemination, an annual workshop, research, and library services.		x								
University of Colorado 482 UCB Boulder, CO 80309-0482 Phone: (303) 492-6818 Fax: (303) 492-2151	Website: http://www.colorado.edu/hazards/									
National Voluntary Organizations Active in Disasters Internet Resource		x								
[Internet Resource]	Website: http://www.nvoad.org/									
Northwest Regional Floodplain Managers Association (NORFMA) This site is a resource for floodplains, fisheries, and river engineering information for the Northwest. This site provides technical information, articles, and Internet links in the field of floodplain and fisheries management.			x							
Northwest Regional Floodplain Managers Association	Website: http://www.norfma.org/									
Office of Hydrology, National Weather Service The National Weather Service's Office of Hydrology (OH) and its Hydrological Information Center offer information on floods and other aquatic disasters. This site offers current and historical data including an archive of past flood summaries, information on current hydrologic conditions, water supply outlooks, an Automated Local Flood Warning Systems Handbook, Natural Disaster Survey Reports, and other scientific publications on hydrology and flooding.			x							
Office of Hydrology, National Weather Service 1325 East West Highway Silver Spring, MD 20910	Website: http://www.nws.noaa.gov/oh or http://www.nws.noaa.gov/oh/hic/									

Oregon Emergency Management Association (OEMA) Internet Resource		x							
[Internet Resource]	Website: http://www.oregonemergency.com/								
State of Washington, Department of Ecology The Washington State Department of Ecology has a landslide website with tips for reducing risk, warning signs, and maps.					x				
Department of Ecology PO Box 47600 Olympia, WA 98504-7600	Website: http://www.ecy.wa.gov/programs/sea/landslides/								
The National Domestic Preparedness Office, FBI Internet Resource		x							
[Internet Resource]	Website: http://www.ojp.usdoj.gov/odp								
The Association of State Floodplain Managers The Association of State Floodplain Managers is an organization of professionals involved in floodplain management, flood hazard mitigation, the National Flood Insurance Program, and flood preparedness, warning, and recovery. ASFPM fosters communication among those responsible for flood hazard activities, provides technical advice to governments and other entities about proposed actions or policies that will affect flood hazards, and encourages flood hazard research, education, and training. The Development Services Engineer for the City of Beaverton is a member of ASFPM. The ASFPM Web site includes information on how to become a member, the organization's constitution and bylaws, directories of officers and committees, a publications list, information on upcoming conferences, a history of the association, and other useful information and Internet links.		x	x						
2809 Fish Hatchery Road Madison, WI 53713 Phone: (608) 274-0123	Website: http://www.floods.org								

n through the protection, management, and promotion of a healthy forest environment, which will enha