

Action Item 1

Proposed Action Item:		Alignment with Plan Goals:	
Evaluate the vulnerability of campus utilities.		<i>Goal 1 & 2</i>	
Alignment with Existing Plans/Policies:			
2012 EOU Master Plan; Building and Site Utilities Assessment			
Rationale for Proposed Action Item:			
<p>The university relies on a system of utilities that are carried in a system of underground tunnels. Most of the tunnel system and the utility system was put in place decades ago and has not been evaluated for vulnerability to natural hazards.</p> <p>The Disaster Mitigation Act of 2000 requires that communities identify actions and projects that reduce the impact of a natural hazard on the campus, particularly to new and existing buildings and infrastructure [201.6(c)(3)(ii)]. Determining the vulnerability of the utility system and subsequently addressing them can help reduce the impact of natural hazards on campus.</p>			
Ideas for Implementation:			
Consult with Facilities staff to get their input on the vulnerability of utilities during a natural hazard event.			
Coordinating Organization:		Facilities and Planning	
Internal Partners:		External Partners:	
		Sera Architects; PAE Consulting Engineers; KPPF Consulting Engineers	
Potential Funding Sources:		Estimated cost:	Timeline:
			<input type="checkbox"/> Short Term (0-2 years) <input checked="" type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	Eastern Oregon University NHMP Steering Committee		
Action Item Status:			

Action Item 2

Proposed Action Item:		Alignment with Plan Goals:	
Assess the structural vulnerability of building stock by qualified engineers.		Goal 1 & 2	
Alignment with Existing Plans/Policies:			
2012 EOU Master Plan; Building and Site Utilities Assessment			
Rationale for Proposed Action Item:			
<p>In many instances, engineers are necessary to define a building's structural vulnerability to natural hazards. This is especially true considering the older structures on campus.</p> <p>The Disaster Mitigation Act of 2000 requires communities to identify actions and projects that reduce the effect of hazards on existing buildings and infrastructure [201.69(c)(3)(ii)]. If engineers define the structural vulnerability of building stock, the university can pursue projects that mitigate the most vulnerable buildings on campus.</p>			
Ideas for Implementation:			
<p>Contact qualified engineers to determine costs associated with structural vulnerability assessments.</p> <p>Discuss with other Oregon University System universities the possibility of contracting an engineer to do building assessments at other Oregon universities as well as at the EOU and splitting the cost.</p> <p>Determine which buildings have had their seismic vulnerability analyzed. For the buildings that have been assessed, find out when assessment was done to determine if a new assessment should be completed to address new seismic standards.</p> <p>Prioritize facilities based on vulnerability.</p>			
Coordinating Organization:		Facilities and Planning	
Internal Partners:		External Partners:	
		Sera Architects; PAE Consulting Engineers; KPPF Consulting Engineers	
Potential Funding Sources:		Estimated cost:	Timeline:
			<input type="checkbox"/> Short Term (0-2 years) <input checked="" type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	Eastern Oregon University NHMP Steering Committee		
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Action Item 3

Proposed Action Item:		Alignment with Plan Goals:	
Develop a campus wide storm water management plan		Goals 1 & 2	
Alignment with Existing Plans/Policies:			
2012 EOU Master Plan			
Rationale for Proposed Action Item:			
<p>It is not uncommon for multiple inches of rain to fall on EOU's campus during winter storms. This rain often causes localized flooding in and around campus. Locations that have experienced flooding in the past include: Hoke Union Building; Zabel; Facilities, Shipping/Receiving; and Dorion.</p> <p>The Disaster Mitigation Act of 2000 requires communities to identify mitigation actions that address existing buildings and infrastructure [201.6(c)(3)(ii)]. Through updating the Storm Water Management Plan, that process can identify projects that can significantly diminish the impact and damage from flooding on the campus.</p>			
Ideas for Implementation:			
Daylight Mill and Deal Creeks to limit flooding near undersized culverts.			
Construction of new Information Technology building to house critical information technology services and equipment. Their current location has experienced frequent flooding.			
Explore funding options for installing storm water infrastructure equipment or replacing that is no longer serviceable.			
Coordinating Organization:		Facilities and Planning	
Internal Partners:		External Partners:	
Potential Funding Sources:		Estimated cost:	Timeline:
			<input type="checkbox"/> Short Term (0-2 years) <input checked="" type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	Eastern Oregon University NHMP Steering Committee		
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Action Item 4

Proposed Action Item:		Alignment with Plan Goals:	
Develop a campus-wide strategy to implement non-structural mitigation practices.		Goals 1 & 2	
Alignment with Existing Plans/Policies:			
Rationale for Proposed Action Item:			
<p>Non-structural mitigation practices can be the most cost effective and easiest mitigation projects. Examples of non-structural mitigation practices include bolting heavy bookcases to walls, putting lips on shelves containing chemicals or securing heavy objects in childcare centers.</p> <p>By developing a campus-wide strategy to implement these effective and inexpensive practices, the campus is made more safe and secure in the event of a natural hazard event.</p>			
Ideas for Implementation:			
<p>Review existing facilities related policies to add a section regarding non-structural mitigation practices.</p> <p>Draft sample directions for common non-structural mitigation practices that can be accessed by EOU staff, faculty or students.</p> <p>Add nonstructural mitigation practices to Campus Construction Standards. (NOTE: does EOU need this?)</p> <p>Include non-structural hazard checks in routine university inspections.</p>			
Coordinating Organization:		Facilities and Planning	
Internal Partners:		External Partners:	
EOU Safety Committee			
Potential Funding Sources:		Estimated cost:	Timeline:
			<input checked="" type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	Eastern Oregon University NHMP Steering Committee		
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Action Item 5

Proposed Action Item:		Alignment with Plan Goals:	
Evaluate wildfire risks to EOU campus facilities		Goals 1 & 2	
Alignment with Existing Plans/Policies:			
Rationale for Proposed Action Item:			
The President's house is located in areas subject to wildfire. Other locations on campus may also be at risk for wildfire spreading from the wildland urban interface.			
Ideas for Implementation:			
Identify additional campus locations that may be vulnerable to wildfires.			
Explore options to introduce fire resistant/resilient landscaping at the President's house to reduce the risk of wildfire spreading on the property.			
Prioritize other wildfire prone areas for fuel reduction and/or fire resistant landscaping.			
Coordinating Organization:		Facilities and Planning	
Internal Partners:		External Partners:	
EOU Grounds Department			
Potential Funding Sources:		Estimated cost:	Timeline:
			<input checked="" type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	Eastern Oregon University NHMP Steering Committee		
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Action Item 6

Proposed Action Item:		Alignment with Plan Goals:	
Maintain campus tree inventory		<i>Goals 1 & 2</i>	
Alignment with Existing Plans/Policies:			
2012 EOU Master Plan			
Rationale for Proposed Action Item:			
Severe weather can result in damage to campus trees. In addition, large tree limbs can result in property damage if trees are located in close proximity to campus buildings. EOU maintains a current tree inventory and maintenance program. This program can help reduce risks posed by hazard trees on campus by removing hazard trees and/or limbs.			
Ideas for Implementation:			
Maintain inventory program to keep data on campus trees up to date.			
Ensure that annual tree maintenance is maintained to help reduce risk from hazard trees and limbs.			
Coordinating Organization:		Facilities and Planning	
Internal Partners:		External Partners:	
EOU Grounds Department			
Potential Funding Sources:		Estimated cost:	Timeline:
			<input type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input checked="" type="checkbox"/> Ongoing
Form Submitted by:	Eastern Oregon University NHMP Steering Committee		
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Action Item 7

Proposed Action Item:		Alignment with Plan Goals:	
Explore opportunities to incorporate more drought resistant landscaping on campus		<i>Goals 1 & 2</i>	
Alignment with Existing Plans/Policies:			
2012 EOU Master Plan			
Rationale for Proposed Action Item:			
EOU's location in eastern Oregon makes it susceptible to drought. Adding more drought resistant landscaping may assist EOU reduce its water consumption and help minimize drought related issues.			
Ideas for Implementation:			
When new landscaping projects are identified, evaluate the ability to include drought resistant landscaping.			
Add this as a goal/objective/policy in the appropriate campus plan or policy document.			
Coordinating Organization:		Facilities and Planning	
Internal Partners:		External Partners:	
EOU Grounds Department			
Potential Funding Sources:		Estimated cost:	Timeline:
			<input type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input checked="" type="checkbox"/> Ongoing
Form Submitted by:	Eastern Oregon University NHMP Steering Committee		
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Action Item 8

Proposed Action Item:		Alignment with Plan Goals:	
Identify funding to conduct a detailed landslide risk assessment.		Goals 1 & 2	
Alignment with Existing Plans/Policies:			
Rationale for Proposed Action Item:			
The majority of the EOU campus is built on slight slopes and on fill resulting in the potential for landslide activity. EOU has experienced landslide activity on campus. The Grand Staircase behind Inlow Hall is currently closed due to ground movement.			
Ideas for Implementation:			
Collaborate with County Emergency Management to allocate county funding for this risk assessment;			
Collaborate with the City of La Grand to fund a DOGAMI study of landslide risk			
Apply to the Oregon University System for funding to assess this risk on the EOU campus			
Coordinating Organization:		Facilities and Planning	
Internal Partners:		External Partners:	
		City, County, State OEM, DOGAMI	
Potential Funding Sources:		Estimated cost:	Timeline:
			<input checked="" type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
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Action Item 9

Proposed Action Item:		Alignment with Plan Goals:	
Develop public awareness information campaigns for incoming and current students, focusing on pertinent information regarding natural hazards, the campus and what students can do to reduce their own risk.		Goal 3	
Alignment with Existing Plans/Policies:			
Rationale for Proposed Action Item:			
Ensuring that the 2,000 plus students enrolled at Eastern Oregon University La Grande campus have adequate information regarding the natural hazards that could impact the campus and what they can do to reduce their own risk is an important step towards a safer university.			
Ideas for Implementation:			
Distribute information during orientation/Mountie Week of Welcome to new students. Create mobile phone apps.			
Ask Resident Assistants to have one hall meeting a year that addresses hazard topics.			
Have an annual Safety Day.			
Draft sample directions for common non-structural mitigation practices that can be accessed by EOU staff, faculty or students.			
Require all syllabi to contain basic emergency-response and emergency-communications information.			
Encourage students to build or buy their own emergency kits.			
Coordinating Organization:		EOU Safety Committee	
Internal Partners:		External Partners:	
VP for Advancement; VP for Student Affairs			
Potential Funding Sources:		Estimated cost:	Timeline:
			<input type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input checked="" type="checkbox"/> Ongoing
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Action Item 10

Proposed Action Item:		Alignment with Plan Goals:	
Develop outreach strategies for educating faculty and staff about ways they can reduce risk to personal spaces and intellectual property (i.e., non-structural mitigation practices for offices, data back-up practices).		Goal 3	
Alignment with Existing Plans/Policies:			
Rationale for Proposed Action Item:			
Ensuring the staff and faculty of Eastern Oregon University have adequate information regarding the natural hazards that could impact the campus and what they can do to reduce their own risk is an important step towards a safer university.			
Ideas for Implementation:			
Draft sample directions for common non-structural mitigation practices that can be accessed by EOU staff, faculty or students.			
Have an annual Safety Day			
Develop a data back-up policy for staff and faculty.			
Encourage faculty/staff to build or buy their own emergency kits for the office and for home.			
Coordinating Organization:		EOU Safety Committee	
Internal Partners:		External Partners:	
Human Resources; VP for Advancement; Facilities and Planning			
Potential Funding Sources:		Estimated cost:	Timeline:
			<input type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input checked="" type="checkbox"/> Ongoing
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Action Item 11

Proposed Action Item:		Alignment with Plan Goals:	
Strengthen campus preparedness and response through partnerships with local first responders		Goal 4	
Alignment with Existing Plans/Policies:			
Rationale for Proposed Action Item:			
Like most campuses, EOU relies on local first responders to provide most basic emergency response functions on campus. Developing and maintaining relationships with those agencies before a disaster is very important.			
Ideas for Implementation:			
Schedule annual campus tours with local first responders to share information about capabilities and limitations on both sides.			
Identify the need for mutual aid agreements with local first responders and develop those as necessary.			
Coordinating Organization:	Facilities and Planning		
Internal Partners:		External Partners:	
Potential Funding Sources:		Estimated cost:	Timeline:
			<input type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input checked="" type="checkbox"/> Ongoing
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Action Item 12

Proposed Action Item:		Alignment with Plan Goals:	
When possible, incorporate mitigation into daily operations, plans, and policies.		Goal 5	
Alignment with Existing Plans/Policies:			
Rationale for Proposed Action Item:			
To ensure that this plan is more than just a binder on a shelf, mitigation should be incorporated into daily operations, plans and policies. This will also assist in documenting successes that come out of the development of this plan.			
Ideas for Implementation:			
Document mitigation successes as they occur and attach them to this plan.			
Coordinating Organization:		Facilities and Planning	
Internal Partners:		External Partners:	
Potential Funding Sources:		Estimated cost:	Timeline:
			<input type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input checked="" type="checkbox"/> Ongoing
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