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# **TRPA Regional Plan Update**

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## **Natural Hazards Goals, Policies, and Implementation Strategies**

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January 27, 2010

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## Alternative 1 – Natural Hazards Goals, Policies, and Implementation Strategies

Alternative 1 -- NATURAL HAZARDS (no changes proposed)										
Element or Subelement/ Author	Pathway Desired Condition	Existing Goal	Proposed Goal	Goal Status: (N)ew, (A)mended, (D)eleted, (U)nchanged	Goal Rationale	Existing Policy	Proposed Policy	Policy Status: (N)ew, (A)mended, (D)eleted, (U)nchanged	Policy Rationale	Implementation Measures

## Alternative 2 – Natural Hazards Goals, Policies, and Implementation Strategies

Alternative 2 -- NATURAL HAZARDS										
Element or Subelement/ Author	Pathway Desired Condition	Existing Goal	Proposed Goal	Goal Status: (N)ew, (A)mended, (D)eleted, (U)nchanged	Goal Rationale	Existing Policy	Proposed Policy	Policy Status: (N)ew, (A)mended, (D)eleted, (U)nchanged	Policy Rationale	Implementation Measures
1.8.4 Natural Hazards/S.Frazier	NONE	<b>NH1 RISKS FROM NATURAL HAZARDS:</b> RISKS FROM NATURAL HAZARDS (E.G., FLOOD, FIRE, AVALANCHE, EARTHQUAKE) WILL BE MINIMIZED.	<b>NH-1 NATURAL HAZARDS:</b> MAINTAIN PUBLIC HEALTH AND SAFETY AND ENVIRONMENTAL QUALITY IN THE REGION BY MINIMIZING RISKS ASSOCIATED WITH NATURAL HAZARDS (E.G., FLOODS, WILDFIRES, AND LANDSLIDES)	A	This amendment clarifies intent (based on language in the Compact).	NONE	<b>NH-1.1 NATURAL HAZARD MAPPING:</b> COORDINATE WITH UNIVERSITIES AND LOCAL, STATE, AND FEDERAL AGENCIES TO IDENTIFY NATURAL HAZARDS AND PREPARE NATURAL HAZARD MAPS FOR USE DURING PROJECT PLANNING AND REVIEW.	N	TRPA currently has no policy for the identification of natural hazards and the preparation of natural hazard maps. This new policy addresses that deficiency.	<b>NH.IMP-1:</b> Amend Chapter 12, TRPA Regional Plan Maps, by updating the natural hazard map. This may be done in coordination with universities and government agencies.

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1.8.4 Natural Hazards/S.Frazier	NONE	NH1	NH-1	A	This amendment clarifies intent (based on language in the Compact).	<b>NH1.1 DEVELOPMENT IN NATURAL HAZARD AREAS:</b> DEVELOPMENT SHALL BE REGULATED IN IDENTIFIED AVALANCHE OR MASS INSTABILITY HAZARD AREAS.	<b>NH-1.2 DEVELOPMENT IN NATURAL HAZARD AREAS:</b> REGULATE DEVELOPMENT AND REDEVELOPMENT IN AREAS WITH KNOWN AVALANCHE AND MASS STABILITY HAZARDS.	A	This amendment clarifies policy language and intent.	None
1.8.4 Natural Hazards/S.Frazier	NONE	NH1	NH-1	A	This amendment clarifies intent (based on language in the Compact).	<b>NH1.2 CONSTRUCTION ON FLOODPLAINS:</b> PROHIBIT CONSTRUCTION, GRADING, AND FILLING OF LANDS WITHIN THE 100-YEAR FLOOD PLAIN AND IN THE AREA OF WAVE RUN-UP EXCEPT AS NECESSARY TO IMPLEMENT THE GOALS AND POLICIES OF THE PLAN. REQUIRE ALL PUBLIC UTILITIES, TRANSPORTATION FACILITIES, AND OTHER NECESSARY PUBLIC USES LOCATED IN THE 100-YEAR FLOOD PLAIN AND AREA	<b>NH-1.3 CONSTRUCTION ON THE 100-YEAR FLOODPLAIN:</b> PROHIBIT EARTHWORK, DEVELOPMENT, AND REDEVELOPMENT ON LANDS LOCATED WITHIN THE 100-YEAR FLOODPLAIN AND IN THE AREA OF WAVE RUN-UP EXCEPT AS NECESSARY TO IMPLEMENT THE GOALS AND POLICIES OF THE PLAN. REQUIRE THAT ALL FACILITIES LOCATED WITHIN THE 100-YEAR FLOODPLAIN BE DESIGNED, CONSTRUCTED, AND MAINTAINED TO PREVENT FLOODING	A	This amendment clarifies policy language and intent.	None

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						OF WAVE RUN-UP TO BE CONSTRUCTED OR MAINTAINED TO PREVENT DAMAGE FROM FLOODING AND TO NOT CAUSE FLOODING.	AND DAMAGE FROM FLOODING.			
1.8.4 Natural Hazards/S.Frazier	NONE	NH1	NH-1	A	This amendment clarifies intent (based on language in the Compact).	NONE	<b>NH-1.4 RELOCATION OF FACILITIES FROM NATURAL HAZARD AREA:</b> WORK WITH LOCAL, STATE AND FEDERAL AGENCIES TO DEVELOP PROGRAMS AND INCENTIVES THAT ENCOURAGE PUBLIC AND PRIVATE ENTITIES TO DECOMMISSION AND/OR RELOCATE FACILITIES FROM KNOWN NATURAL HAZARD AREAS.	N	This new policy provides directive for the agency to encourage and incentivise relocation of existing facilities from areas with significant natural hazards.	<b>NH.IMP-2:</b> Amend Code to create incentives that encourage public and private entities to decommission and/or relocate facilities from known natural-hazard areas.

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1.8.4 Natural Hazards/S.Frazier	NONE	NH1	NH-1	A	This amendment clarifies intent (based on language in the Compact).	<b>NH1.4 DISASTER PLANS:</b> TRPA WILL ENCOURAGE PUBLIC SAFETY AGENCIES TO PREPARE DISASTER PLANS.	<b>NH-1.5 EMERGENCY RESPONSE PLANS:</b> ASSIST PUBLIC SAFETY AGENCIES WITH THE PREPARATION OF EMERGENCY RESPONSE PLANS FOR WILDFIRES, EARTHQUAKES, TSUNAMIS, AND OTHER NATURAL HAZARDS IN THE REGION.	A	This amendment clarifies policy language and intent.	None

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1.8.4 Natural Hazards/S.Frazier	NONE	NH1	NH-1	A	This amendment clarifies intent (based on language in the Compact).	NONE	<b>NH-1.6 WILDFIRE PREVENTION PLAN:</b> COORDINATE THE DEVELOPMENT OF A REGION-WIDE WILDFIRE PREVENTION PLAN.	N	This new policy addressed the the Bi-State Fire Commision recommendation that overall fire prevention strategies and measures should be compiled in a basin-wide wildfire prevention plan (Bi-State Fire Commission recommendation #14).	None
1.8.4 Natural Hazards/S.Frazier	NONE	NH1	NH-1	A	This amendment clarifies intent (based on language in the Compact).	<b>NH1.3 WILDFIRE PREVENTION:</b> INFORM RESIDENTS AND VISITORS OF THE WILDFIRE HAZARD ASSOCIATED WITH OCCUPANCY IN THE BASIN. ENCOURAGE USE OF FIRE RESISTANT MATERIALS AND FIRE PREVENTATIVE TECHNIQUES WHEN CONSTRUCTING STRUCTURES, ESPECIALLY IN THE HIGHEST FIRE HAZARD AREAS. MANAGE FOREST	<b>NH-1.7 WILDFIRE PREVENTION:</b> WORK WITH FIRE PREVENTION AND LAND MANAGEMENT AGENCIES TO EDUCATE RESIDENTS AND VISITORS ABOUT WILDFIRE HAZARDS AND ENCOURAGE THE USE OF FIRE RESISTANT MATERIALS AND PREVENTATIVE TECHNIQUES TO REDUCE THE RISK OF WILFIRE IN THE REGION.	A	This amendment clarifies policy language and intent.	<b>NH.IMP-3:</b> Update the Code to ensure consistency with the Lake Tahoe Basin Multi-Jurisdictional Fuel Reduction and Wildfire Prevention Strategy, as regularly updated, to guide hazardous fuels reduction efforts

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						FUELS TO BE CONSISTENT WITH STATE LAWS AND OTHER GOALS AND POLICIES OF THIS PLAN.				
1.8.4 Natural Hazards/S.Frazier	NONE	NH1	NH-1	A	This amendment clarifies intent (based on language in the Compact).	NONE	<b>NH-1.8 DEFENSIBLE SPACE BMPS:</b> COLLABORATE WITH RESOURCE CONSERVATION AND FIRE DISTRICTS TO INTEGRATE WATER QUALITY AND WILDFIRE DEFENSIBLE SPACE BEST MANAGEMENT PRACTICES.	N	This amendment addresses the Bi-State Fire Commission recommendation to integrate defensible space practices with water quality control BMPs (Bi-State Fire Commission Recommendation #29).	<b>NH.IMP-4:</b> Amend Code Chapter 25 to integrate defensible space requirements with water quality BMP requirements.



### Alternative 3 – Natural Hazards Goals, Policies, and Implementation Strategies

Alternative 3 -- NATURAL HAZARDS (same as Alternative 2)										
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## Alternative 4 – Natural Hazards Goals, Policies, and Implementation Strategies

Alternative 4 -- NATURAL HAZARDS (same as Alternative 2)										
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