

## Field Hazard Identification Form

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*Objective:*

This form should be used to communicate hazards and required safety measures to field researchers prior to travel. The completed form should be provided to all of the field researchers. A copy of this form should be kept by the lab director.

Location of Field Research:

<b>Department Date:</b>		<b>Return Date:</b>	
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Lab Director (or Representative) Name	
Office Phone Number	
Cell/After Hours Phone Number	
E-mail Address	
Field Communication Method	

Team Member	Title/Position	Contact Information	Emergency Contact	Contact Information

**Field Rules and Responsibilities**

**Field Specific Training Plan**

## Field Activities and Itinerary

## Communication Plan

## Field Equipment and Supplies

## Field Hazard Identification and Controls

- Hazards associated with conducting regular field activities (check all that apply and provide description and controls to be used).
- Examples of controls include:

Engineering	Administrative	Personal Protective Equipment
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<ul style="list-style-type: none"> <li>• Walls</li> <li>• Mufflers</li> <li>• Noise Reducing Insulation</li> <li>• Machine Guards</li> <li>• Other</li> </ul>	<ul style="list-style-type: none"> <li>• Rotating Schedules</li> <li>• Vaccinations</li> <li>• SOP's</li> <li>• Training</li> <li>• Other</li> </ul>	<ul style="list-style-type: none"> <li>• Gloves</li> <li>• Safety Glasses/Sunglasses</li> <li>• Fall Protection Harness</li> <li>• Reinforced-toe Shoes</li> <li>• Other</li> </ul>
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activity hazard	description	control(s)
<input type="checkbox"/> Use of mechanical equipment		
<input type="checkbox"/> Strenuous physical activity		
<input type="checkbox"/> Driving a vehicle (If off road, please indicate)		
<input type="checkbox"/> Use of tools (axes, saws, picks, etc.)		
<input type="checkbox"/> Use of chemicals		
<input type="checkbox"/> Noise exposure		
<input type="checkbox"/> Lone worker		
<input type="checkbox"/> Night work		
<input type="checkbox"/> Work with animals		
<input type="checkbox"/> Work potentially involves human, plant, animal infectious agents, or other biological hazards (indicate)		
<input type="checkbox"/> Use of boat or diving equipment		
<input type="checkbox"/> Excavation, trenching, or other confined space		
<input type="checkbox"/> Carrying/Use of Firearms or other weapons		
<input type="checkbox"/> Other (indicate)		

location hazard	description	control(S)
<input type="checkbox"/> Limited access to reliable means of communication		
<input type="checkbox"/> Personal security issues		
<input type="checkbox"/> Travel to private property		

location hazard	description	control(s)
<input type="checkbox"/> Limited access to potable drinking water and appropriate food storage		
<input type="checkbox"/> Animal encounter (indicate species)		
<input type="checkbox"/> Poisonous plant encounter (indicate species)		
<input type="checkbox"/> Camping outdoors		
<input type="checkbox"/> Roadside work		
<input type="checkbox"/> Use of fire, or other hot work activities		
<input type="checkbox"/> Hiking over uneven terrain		
<input type="checkbox"/> Technical climbing		
<input type="checkbox"/> Proximity, crossing, or entering a body of water		
<input type="checkbox"/> High elevation		
<input type="checkbox"/> Potential for wildfires		
<input type="checkbox"/> Underground area (e.g., cave, mine)		
<input type="checkbox"/> Canyon, valley, or floodplain		
<input type="checkbox"/> Work at height (fall potential of >6 feet)		
<input type="checkbox"/> Sun/UV exposure		
<input type="checkbox"/> Extreme heat		
<input type="checkbox"/> Extreme cold		
<input type="checkbox"/> Potential of being outside during a storm		
<input type="checkbox"/> Potential of severe storms (e.g., tornado)		
<input type="checkbox"/> Travel to a country with an active travel alert or warning from the U.S. State Department		
<input type="checkbox"/> Other (indicate)		

health hazard	description	control(s)

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<input type="checkbox"/> Work could exacerbate pre-existing health concerns		
<input type="checkbox"/> Potential for allergic reaction		
<input type="checkbox"/> Potential for dehydration		
<input type="checkbox"/> Potential exposure to vector-borne disease (see below)		
<input type="checkbox"/> Potential exposure to other endemic diseases (indicate)		
<input type="checkbox"/> Other (indicate)		

Disease	Vaccination(s)/prophylaxis

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## Team Signatures

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	Signature	Date
<b>Written by:</b>		
<b>Read and Understood by:</b>		
<b>Accepted by:</b>		

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## Instructions

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The **General Information** section provides basic information about the field activities.

**Contact Information** should be completed for all members of the field team.

**Field Rules and Responsibilities** are set by the lab director and should cover conduct and any site-specific guidelines, include requirements for off-duty hours. For example: *When lodging at the National Park, researchers are expected to not intentionally damage or disturb vegetation, wildlife, or natural formations. Researchers will not collect samples in this location.*

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**Field Activities and Itinerary** should include the scope of the expected work and a schedule of the trip. For example: *Field activities include sampling sand in ten locations (list) along the Chesapeake Bay. The trip will start at 9:00 am 2/4 and will conclude by 5:00 pm 2/5. Lodging on 2/4 will be at a reserved campsite in State Park.*

**Communication Plan** should indicate how frequently and how the field team members should check-in with the university contact or lab director.

**Field Equipment and Supplies** should be a checklist for all required materials that should be taken on the field expedition, indicate if the items are to be supplied by the lab director/department or personally by the researcher. For example: *Auger (department), Tent (lab director), Sleeping bag (researcher). The Location of each piece of equipment should also be noted e.g., Van, Tent, Backpack, etc. so that items may be easily located.*

The **Field Activity Hazard Identification** section is where all of the potential hazards that may be present during field activities are identified. The description should include the scope of the hazard with respect to the field activity. For example, if you select "Strenuous physical activity" an appropriate description could be: *Long hikes, 50-lb. pack, activities for 10 days, etc.*

If a hazard is identified, appropriate safety measures to control this hazard should be described in the control(s). Use the hazard fact sheets located on our website to help choose safety controls for specific hazards. For example, if you select "Animal Encounter"-Summary: *May encounter poisonous sea urchins. Personal Protective Equipment* could include *Puncture-resistant Gloves.*

**Other Safety Measures** could include *Scientific Dive First Aid Training; No lone work can be conducted in this area.*

If you need assistance in identifying hazards or choosing appropriate safety measures, contact EHS.