ENVIRONMENT, HEALTH & SAFETY
UNIVERSITY OF MICHIGAN

Field Hazard Identification Form

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:

Department Date:		**Return Date:**	

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

equipment	quantity	location(s)
First Aid Kit	*1*	

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**

● Walls ● Mufflers ● Noise Reducing Insulation ● Machine Guards ● Other	● Rotating Schedules ● Vaccinations ● SOP's ● Training ● Other	● Gloves ● Safety Glasses/Sunglasses ● Fall Protection Harness ● Reinforced-toe Shoes ● Other

activity hazard	**description**	**control(s)**
☐ Use of mechanical equipment		
☐ Strenuous physical activity		
☐ Driving a vehicle (If off road, please indicate)		
☐ Use of tools (axes, saws, picks, etc.)		
☐ Use of chemicals		
☐ Noise exposure		
☐ Lone worker		
☐ Night work		
☐ Work with animals		
☐ Work potentially involves human, plant, animal infectious agents, or other biological hazards (indicate)		
☐ Use of boat or diving equipment		
☐ Excavation, trenching, or other confined space		
☐ Carrying/Use of Firearms or other weapons		
☐ Other (indicate)		

location hazard	**description**	**control(S)**
☐ Limited access to reliable means of communication		
☐ Personal security issues		
☐ Travel to private property		

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

health hazard	description	control(s)

☐ Work could exacerbate pre-existing health concerns		
☐ Potential for allergic reaction		
☐ Potential for dehydration		
☐ Potential exposure to vector-borne disease (see below)		
☐ Potential exposure to other endemic diseases (indicate)		
☐ Other (indicate)		

Disease	**Vaccination(s)/prophylaxis**

Team Signatures

	Signature	**Date**
Written by:		
Read and Understood by:		
Accepted by:		

Instructions

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*.

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.