

SCIENTIFIC DIVING PLAN APPLICATION

An application for the approval of a scientific diving plan consists of:

- Scientific Diving Plan Application
- Scientific Diver Profile Form for each University of Illinois Diver
- Scientific Diving Emergency Plan
- Current Diving Fitness Medical Evaluation Report for each University of Illinois diver
- Current Release and Waiver Form for each University of Illinois diver

Conditional approval may be made once the Diving Plan Application and the Scientific Diving Emergency Plan are submitted. Final approval will only be granted once all medical and waiver forms are submitted.

Complete applications are to be submitted to: drs@illinois.edu

Scientific Diving Control Board

Office of the Vice Chancellor for Research & Innovation | Division of Research Safety
102 Environmental Health and Safety Building | 101 S. Gregory St., MC-225 | Urbana, IL 61801
drs@illinois.edu | 217-333-2755 | www.drs.illinois.edu

DIVE PLAN CONSIDERATIONS

- Any diver has the right to refuse to dive without fear of penalty if the diver feels the conditions are unsafe or unfavorable **OR** the dive violates the precepts of their training.
- It is the responsibility of each diver to terminate the dive, without fear of penalty, whenever the diver feels it is unsafe to continue the dive, unless it compromises the safety of another diver already in the water.
- All Dive plans **MUST** be based on the competency of the least experienced diver.
- All Divers-in-training must be buddied with a Scientific Diver. **Absolutely No Solo Diving is allowed** (see UIUC Scientific Diving Safety Manual for requirements).
- After each dive, divers must return to the dive support vessel (or shore) with no less than 300 PSI (500 PSI recommended) of air remaining in their tank (exclusive of air in bail-out bottle).
- Depth certification levels may be extended only to the next deepest certification level and only if the diver with the limiting depth certification level is buddied with a diver certified to the deeper depth level.
- For all diving conducted under hazardous conditions a plan must be formulated to deal with such conditions.
- A Dive Profile **MUST** be completed for each proposed diver.
- An Emergency Plan file **MUST** be completed for each expedition/location including the following: emergency contact information (including name, relation, and telephone number) for each diver, nearest recompression chamber, nearest accessible hospital, and anticipated means of transportation.

SCIENTIFIC DIVING PLAN INFORMATION

DATE OF APPLICATION: Click or tap to enter a date.

APPLICANT'S NAME:

DIVING PLAN TITLE:

PLAN SPONSOR:

DIVE SITE/S (Exact Locations):

University of Illinois DIVER IN CHARGE:

DIVER ROSTER:

(Diver certification required for each diver)

NON-DIVER ROSTER:

DIVERS FROM OTHER INSTITUTIONS or CONTRACT DIVERS:

SCIENTIFIC DIVING PLAN DESCRIPTION

PLAN OVERVIEW:

(Briefly provide background information to explain the purpose of your dive plan)

DIVE PLAN PROCEDURES:

(Provide a narrative describing how the dives will be executed)

DIVE PLATFORM:

(e.g., vessel, shore, dock)

TOOLS/EQUIPMENT USED:

HAZARDOUS CONDITIONS ANTICIPATED:

(e.g., strong current, low visibility, object hazards, inclement weather)

ESTIMATED DEPTH OF DIVES:

ESTIMATED DIVE INTERVALS:

(Expected time in water and rest period between dives)

PROPOSED NUMBER OF DIVES:

NUMBER OF DAYS DIVING:

SPECIAL REQUIREMENTS:

OFF-CAMPUS BASE FOR DIVING EXPEDITION:

(Provide Location or Address if applicable)

TRANSPORTATION TO/FROM DIVING SITE:

(Include dates and rest period prior to initiating any dives)

SCIENTIFIC DIVING EMERGENCY PLAN

Emergency Evacuation and Medical Treatment Procedures

NOTE: This information must be completed for each dive site used for your plan
Keep a copy of this at the Dive Site at all times.

DIVE SITE INFORMATION:

Diver In Charge:

Dive Plan (Number/Title):

Dive Site (Exact Location including GPS coordinates, distance(s)/direction(s) from known entities):

EMERGENCY FACILITY INFORMATION:

Facility Name:

Facility Address:

Facility Telephone:

Expedition Emergency Contact Number/s:

Explicit Route from Dive Site to Emergency Facility, in written and map form. *If saturation diving is involved, include the name, address, and telephone number of an Emergency Facility having hyperbaric chamber and an explicit route to that facility as well. (Insert page, as necessary).*

6 STEPS FOR DIVING EMERGENCIES:

1. **Contact Emergency Services** and tell them:
 - You have a diving emergency.
 - Exact Dive Site location.
 - What the person is probably suffering from.
(i.e., drowning, air embolism, heart attack, decompression sickness, hypothermia)
2. **Stay on the Line** until you have been given the OK to terminate the call.
3. **Write down** all known facts (i.e., time, depth, changes in weather, conditions not anticipated prior to diving activities, other factors) experienced during the dive(s).
4. **Pin the written information on the victim.** Also record all signs, symptoms, and changes in the victim's condition.
5. **Accompany the victim to the Emergency Facility** if possible. Stay with the victim(s) until competent medical personnel (someone familiar with barotrauma problems) releases you.
6. **Refer to the UIUC Scientific Diving Safety Manual** for additional information on Accident Reporting Procedures.

Diver's Alert Network (DAN):
1 (919) 684-9111 (hotline)

This hotline is for emergencies only. Please contact the Customer Service Center for non-emergency inquiries. If necessary, call collect and state "I have a Medical Emergency"—Use to locate closest recompression chamber or physician consultations.