

# **Field Safety Risk Management Forum of Arctic Research Operators**

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**Fairbanks, Alaska**

**12 March 2016**

# Links to publications and websites relevant to reducing field risk organized on FARO website



**Forum of Arctic Research Operators**

You are here: [Membership](#) » **Activities**

## ACTIVITIES

- › IPY 2007-8
- › ICARP II
- › Circumarctic Environmental Observatories Network (CEON)
- › Technology:
  - Satellite observations
  - Clean Power Supply
- › Arctic and Subarctic Ocean Flux programme (ASOF)
- › Ship operations
- › Research infrastructure
- › SAON
- › ICARP III

COMMENTS ON CONTENT:  
REVISED 2014.09.12

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# Content: Suggested by FARO Members

Version 8. 22.12.08 FSH

## University Centre in Svalbard

### SAFETY INSTRUCTIONS FOR FIELDWORK AND EXCURSIONS & INSTRUCTIONS FOR USE OF FIELD EQUIPMENT

#### Table of Contents:

1. Objective and Application Area
  - 1.1 Objective
  - 1.2 Application Area
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2. Responsibilities
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  - 2.3 Students' Responsibilities
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4. Rules for Various Types of Activities
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  - 4.2 Preparations for Fieldwork and Excursions
  - 4.3 Equipment
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  - 4.5 Emergency Tool Kits
  - 4.6 Setting Up a Camp
  - 4.7 Fire Prevention in the Field

UNIVERSITY - NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

#### RESEARCH VESSEL SAFETY STANDARDS

10<sup>th</sup> Edition

July 2015



RVSS Edition 10 • July 2015

## Supporting a Culture of Safety in Arctic Science

Workshop Report: Arctic Field Safety Risk Management



Renée Crain, Kristina Creek, and Helen Wiggins, Editors



# SEAL & WALRUS HUNTING SAFETY

TRADITIONAL KNOWLEDGE  
FROM KAWERAK'S  
ICE SEAL AND WALRUS PROJECT



Social Science Program • Natural Resources Division • Kawerak, Inc.

- » About the Department
- » Research
  - » Science-based advisory Activities at ENVS
    - » Environmental Chemistry
    - » Adaptation to Climate Change
    - » Air pollution
    - » Sustainable Energy and Environment
    - » **Risk Assessment**
      - » Risk assessment of chemical compounds
      - » Risk Assessment of Microorganisms
      - » Emission Inventories
      - » Public Sector Consultancy Committee
- » Education
- » Current affairs
- » Contact

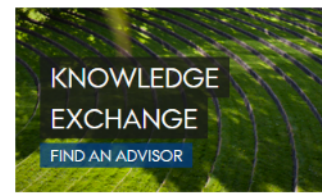
You are here: AU » About Aarhus University » Department » Science-based advisory Activities at ENVS » Risk Assessment

## RISK ASSESSMENT

In everyday life you assess a risk in a lot of situations, e.g. you assess (unconsciously?) the risk of being run down before you cross the street, the risk that it will rain before you leave home on your bike or the risk in connection with the investments that you make. Almost all decisions in society and in our lives are based on a risk assessment which is then weighed against the benefit which is a result of this assessment. Therefore, risk assessment is extremely central in any context, and not least in relation to environmental decisions.

In environmental research, risk assessment is an assessment of the risks associated with an approval or regulation of a specific activity, which can result in the exposure of a chemical substance or a microorganism to the environment or people. The researchers use a structured approach that makes the assessment of risks as objective as possible. This process consists of five steps:

1. an identification of potential hazards
2. a characterization of the identified hazards and a characterization of the exposure
3. an assessment of the risks. This primarily consists of quantifying the probability that the exposure triggers unacceptable risks. This quantification may then be quantitative and will be expressed as a value and / or semi-quantitative and be expressed in words.
4. an assessment of the options for handling the potential risks.
5. an overall risk assessment, risk communication and unifying conclusions.



- FOR STAFF ONLY
- FOR PHD STUDENTS

### Employees

> List of employees at Department of Environmental Science

## Health, safety and environment (HSE) HOME | RESOURCES

**OVERALL HSE GOAL OF UNIS**

*UNIS shall be a leading organization for health, safety and the environment. We will work to prevent injuries or accidents associated with our activities. We shall minimize any possible negative impacts on the environment and ensure a working environment that is safe, stimulating and rewarding.*

A complete overview of the UNIS HSE goals are found here:

**HSE plans and measures**

**Health:**

**Self-declaration on health condition**

A large part of UNIS' activities includes fieldwork which often takes place far from Longyearbyen and with limited access to medical assistance. All persons participating in UNIS activities have an **obligation to report chronic conditions or other health related conditions**, which could be of importance when it comes to accomplishing the most demanding field activities, and must fill in and submit a self declaration on his/her health condition:

Personal statement of health and next of kin information

**Safety:**

Emergency preparedness plan (PDF)

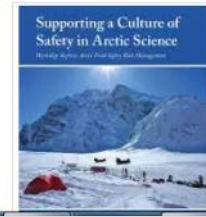
**UNIS safety folder (PDF)**

## NSF Arctic Field Safety Risk Management Workshop

ARLINGTON, VIRGINIA | 4 - 5 FEBRUARY 2014



### Workshop Report Available



**About the ARM Workshop**

The National Science Foundation's Directorate for Geosciences / Division of Polar Programs Arctic Research Support & Logistics (RSL) Program sponsored the Arctic Field Safety Risk Management Workshop 4-5 February, 2014 at the Arlington Hilton Hotel in Arlington, Virginia.

#### WORKSHOP INFORMATION

- Workshop Report Available
- About the Workshop
- RSVP
- Agenda
- Venue & Lodging
- Attendees
- Homework
- Resources
- Workshop Products
- Feedback

Post links to various risk management resources relevant to Arctic operations:

- Risk Assessment
- Field Safety Training
- 'Know before you go'
- Videos
- Safe vessel operations