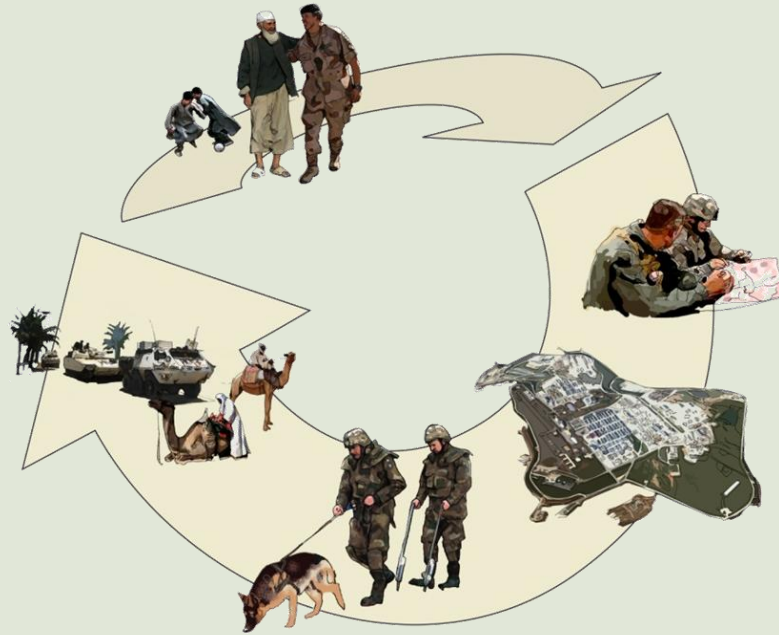


Environmental Toolbox for Deploying Forces



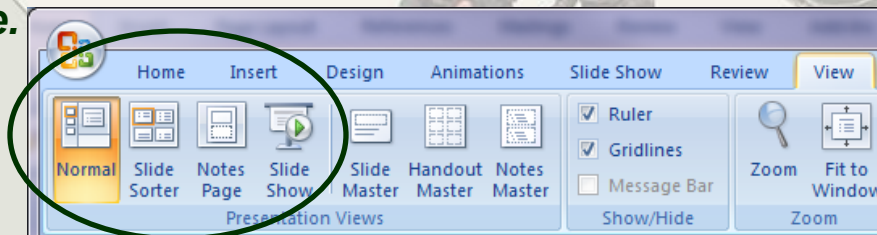
*developed by trilateral cooperation of
defence environmental experts from
Finland, Sweden and the United States*

About the Environmental Toolbox for Deploying Forces

The purpose of this CD is to provide a deploying military unit—specifically the commander, the environmental officer, and soldier/sailor/airman—a toolbox of environmental training resources to plan and implement sound environmental practices. Under the Table of Contents (see the next slide or click on the hyperlink below), you can click on each section of the toolbox to access the material. You should start with the “General Introduction” and then move to the general awareness, technical modules, and reference sections as appropriate.

This toolbox of training awareness materials includes guidance, methods, technology information, and other resources intended to assist forces in planning, establishing and properly managing the environmental component of the military mission. This toolbox was developed by subject matter experts from Finland, Sweden, and the United States.

NOTE: *The presentation files have been saved in “Normal” mode. For using as presentation slides and for the hyperlinks to work, you should view them in “Slide Show” mode. But also note, there is more detailed information in the notes, so please remember to view the file in “Notes Page” or enlarge your notes section in “Normal” mode.*



[Comments and Suggestions](#)

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Comments and Suggestions

The background features a collage of images related to military operations and civilian interactions. At the top, a soldier in camouflage gear stands next to a civilian. Below, a soldier is seen kneeling and talking to a child. In the center, a soldier in full combat gear is looking at a map. At the bottom, two soldiers in full combat gear are walking with a German Shepherd dog. To the right, a large, detailed map of a city or region is displayed.

Comments and suggested improvements to this toolbox are welcome. Anyone wishing to make a comment or suggestion is encouraged to contact:

- **Finland Point of Contact: Sami Heikkilä at sami.heikkila@defmin.fi**
- **Sweden Point of Contact: Hans-Bjorn Fischhaber at hans-bjorn.fischhaber@mil.se**
- **US Point of Contact: Susan Clark-Sestak at sclark@ida.org**

Changing the Toolbox for Your Use

A background collage of various images including military personnel, a dog, a person with a map, and a vehicle, all overlaid with a large speech bubble shape.

This toolbox has been developed using a generic approach and represents a consensus of the contributors. The authors recognize that no single solution will fit all situations or militaries; therefore, the toolbox is created in PowerPoint so that individual users may edit these modules to be of maximum benefit to their forces.

Environmental Toolbox for Deploying Forces

Click on appropriate box to access the corresponding file.

General Introduction

General Training Module

Three target audiences:

Commander Awareness

Environmental Officer (EO) Awareness

Soldier Awareness

Technical Module

Subject-specific training material for EO and special target groups

Module Introduction

Solid Waste Management

Hazardous Material and Hazardous Waste Management

Water and Wastewater Management

Spill Prevention and Response Planning

Cultural Property Protection

Natural Resource Protection

Reference Module

References and additional material

General References

Technical Module References

Examples of:

- Checklists
- Templates

Informational Aids

- Pocket Guides, Field Cards and Handbooks

Acronyms

About the Authors

Environmental Toolbox for Deploying Forces

Click on appropriate box to access the corresponding file.

REFERENCE MODULE: Technical Module References

Module Introduction

Solid Waste Management

**Hazardous Material and
Hazardous Waste
Management**

**Water and Wastewater
Management**

**Spill Prevention and
Response Planning**

**Cultural Property
Protection**

**Natural Resource
Protection**

Environmental Toolbox for Deploying Forces

Click on appropriate box or underlined hyperlink to access the corresponding file.

REFERENCE MODULE:

Examples of Checklists and Templates

Sample of Environmental Annex to an Operations Plan (OPLAN) from Environmental Guidebook for Military Operations

Environmental Baseline Survey Report Formats and Checklist Templates

- [Updated from Environmental Guidebook for Military Operations, Appendix 3](#)
- [From Army Technical Publication 3-34.5, Environmental Considerations \(revision\)](#)

Aide Memoir for Site Investigation Planning from Environmental Guidebook for Military Operations, Appendix 11

Examples of Supply and Equipment Checklists

- [From Environmental Guidebook for Military Operations, Appendix 4](#)
- [From US Air Force Handbook 10-222, Volume 4, Environmental Considerations for Overseas Contingency Operations, Attachment 5](#)

Templates for an Environmental Incident Report

- [From Environmental Guidebook for Military Operations](#)
- [From Norwegian Joint Headquarters \(NOR NJHQ\), Annex J, Environmental Protection, Appendix J4-01](#)

Environmental Toolbox for Deploying Forces

Click on appropriate box or underlined hyperlink to access the corresponding file.

REFERENCE MODULE: (Continued)

Examples of Checklists and Templates

Template for an Environmental Conditions Report

- [From Environmental Guidebook for Military Operations, Appendix 6](#)
- [From US Air Force Handbook 10-222, Volume 4, Environmental Considerations for Overseas Contingency Operations, Attachment 3](#)
- [From Army Technical Publication 3-34.5, Environmental Considerations \(revision\)](#)

Checklist for Environmental Closure Planning

- [From Environmental Guidebook for Military Operations, Appendix 8](#)
- [From US Air Force Handbook 10-222, Volume 4, Environmental Considerations for Overseas Contingency Operations, Attachment 9](#)
- [From Army Technical Publication 3-34.5, Environmental Considerations \(revision\)](#)

Template for Environmental Site Closure Survey Report

- [From Environmental Guidebook for Military Operations, Appendix 13](#)
- [From Army Technical Publication 3-34.5, Environmental Considerations \(revision\)](#)

Practices and Lessons Learned Checklist of an Environmental Officer from Environmental Guidebook for Military Operations, Appendix 14

Template for an Environmental After Action Report from Environmental Guidebook for Military Operations, Appendix 15

[For more Checklists and Templates, click here](#)

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Click on appropriate box or underlined hyperlink to access the corresponding file.

REFERENCE MODULE: (Continued)

Examples of Checklists and Templates

Example Performance Work Statement from US Air Force Handbook 10-222, Volume 4, Environmental Considerations for Overseas Contingency Operations, Attachment 8

Accumulation Point Inspection Checklist from US Air Force Handbook 10-222, Volume 4, Environmental Considerations for Overseas Contingency Operations, Attachment 4

Examples of Spill Prevention and Response Plan format –

- **From the US Army Commander's Handbook: Waste Management For Deployed Forces**
- **From Norwegian Joint Headquarters (NOR NJHQ), Annex J, Environmental Protection, Appendix J2-01**

Examples of Spill Reports

- **From the US Army Commander's Handbook: Waste Management For Deployed Forces**
- **From Norwegian Joint Headquarters (NOR NJHQ), Annex J, Environmental Protection, Appendix J4-01**

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Click on appropriate box or underlined hyperlink to access the corresponding file.

REFERENCE MODULE: (Continued)

Examples of Checklists and Templates

Norwegian Joint Headquarters (NOR NJHQ), Annex J, Environmental Protection

Annex J: [Environmental Protection](#)

Appendix J1-01: [Environmental objectives, targets and programme](#)

Appendix J1-02: [Responsibility and tasks](#)

Operational control procedures

Appendix J2-01: [POL spill response and remediation](#)

Appendix J2-02A: [Waste management plan Camp Nidaros](#)

Appendix J2-02B: [Waste management plan Camp Maimanah](#)

Appendix J2-02C: [Waste management plan Camp Griffin](#)

Appendix J2-03: [SOP for cleaning of water/oil separator in Camp Nidaros and
Camp Maimanah](#)

Appendix J2-04: [Use of natural resources](#)

Appendix J2-05: [Environmental protection considerations during activity outside of camp](#)

Procedures for measurement, monitoring and reporting:

Appendix J3-01: [Non-conformance handling and reporting](#)

Appendix J3-02: [Environmental protection management review](#)

Appendix J3-03: [Template for EP contingent report to the Norwegian Joint Headquarters
\(Norwegian only\)](#)

Appendix J3-04: [Procedure for data collection and reporting to the Norwegian
Environmental Management Information System \(EMIS\)](#)

Records and schemes

Appendix J4-01: [Scheme for non-conformities, spills and other environmental Incidents](#)

Appendix J4-02: [Scheme for reporting to the Norwegian Environmental Management
Information System \(EMIS\) \(Norwegian only\)](#)

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Click on appropriate box or underlined hyperlink to access the corresponding file.

REFERENCE MODULE:

Informational Aids – Pocket Guides, Training Aids, and Brochures

Example of an Safety Data Sheet (SDS) for Diesel Fuel

You Spill, You Dig

- [You Spill, You Dig I](#)
- [You Spill, You Dig II](#)
- [You Spill, You Dig II video \(Windows Media Player \)](#)

Soldier's Pocket Guide to Operations

Soldier's Trifold Environmental Pocket Guide

Swedish Ministry of Defense, Influences on the Environment brochure

**Swedish Ministry of Defense, Vad Kan Vi Göra För Vår Miljö? Brochure
(Swedish version only)**

Heritage Preservation Rules of Engagement (ROE) First!

Cultural Property Protection Field Cards from US Department of Defense

- [Additional References and Resources](#)
- [DOs and DON'Ts Archaeological Sites, Historical Structures, and Collections](#)
- [Bed-down Recommendations](#)
- [EBS for Cultural Property](#)
- [Reporting Cultural Property](#)
- [Submitting Cultural Information](#)

[For more Informational Aids, click here](#)

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Click on appropriate box to access the corresponding file.

REFERENCE MODULE:

Informational Aids – Graphic Training Aids (GTAs)

Environmental-Related Risk Assessment, US Army GTA 05-08-002

Hazardous Material Spill Response Procedures, US Army GTA 05-08-003

The Soldier and the Environment: Soldier's Environmental Ethic and Responsibility Card, US Army GTA 05-08-004

Leadership and the Environment: A Unit Leader's Field Guide, US Army GTA 05-08-005

The Environment and Predeployment: Unit Predeployment and Load Plan Considerations, US Army GTA 05-08-014

The Environment and Redeployment: How to Clear a Base Camp, US Army GTA 05-08-016

The Environment and Deployment: Tactical Risk and Spill Reaction Procedures, US Army GTA 05-08-017

Dust Suppression Alternatives, US Army GTA 05-08-018

The Soldier's Field Card: Checklist for Environmental Considerations During Training and Deployment, US Army GTA 05-08-019

[For more Informational Aids, click here](#)

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Click on appropriate box to access the corresponding file.

REFERENCE MODULE: Informational Aids - Handbooks

The Finland-Sweden-US Environmental Guidebook for Military Operations

US-South Africa Guidebook on Integrated Waste Management in the Military

The Emergency Response Guidebook 2012

NIOSH Pocket Guide to Chemical Hazards ([website: http://www.cdc.gov/niosh/npg/](http://www.cdc.gov/niosh/npg/))

OSHA Chemical Hazard Communications Manual ([website: http://www.osha.gov/Publications/osha3084.html](http://www.osha.gov/Publications/osha3084.html))

US Air Force Handbook 10-222, Volume 4, Environmental Considerations for Overseas Contingency Operations

US Army Field Manual (FM) 3-34.5, Environmental Considerations

US Army Commander's Handbook: Waste Management for Deployed Forces

[For more Informational Aids, click here](#)

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Click on appropriate box to access the corresponding file.

REFERENCE MODULE: Informational Aids - Handbooks

**UN Department of Peacekeeping Operations/Department of Field Support, DRAFT
Environmental Guidelines for UN Field Missions, 30 June 2010**

**UNEP/DFS/UNSOA Technical Report: Assessment of Energy, Water and Waste Reduction
Options for the Proposed AMISOM HQ Camp in Mogadishu, Somalia and the Support
Base in Mombasa, Kenya**

