

**Southeastern European Defense Ministerial
Conference April 2000
“Integrating Safety & Occupational Health with
Environmental Security”**



**Mr Craig Schilder
Assistant for Safety, Office of Deputy Under Secretary
of Defense (Environmental Security)**

Office of the Secretary of Defense



Secretary of Defense
William S. Cohen



Deputy Secretary of Defense
John J. Hamre



Under Secretary of Defense for Policy
Walter B. Slocumbe



Under Secretary of Defense (Comptroller and Chief Financial Officer)
William J. Lynn III



Under Secretary of Defense for Personnel and Readiness
Rudy deLeon



Under Secretary of Defense for Acquisition and Technology
Jacques S. Gansler

**SE
AC**

[Principal Deputy Under Secretary of Defense for Acquisition and Technology](#)
David Oliver

[Director, Defense Research and Engineering](#)
Hans Mark

[Deputy Under Secretary of Defense for International and Commercial Programs](#)
Al Volckman

[Deputy Under Secretary of Defense for Industrial Affairs](#)
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Steven Grundman

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Sherri W. Goodman

[Deputy Under Secretary of Defense for Installations](#)
Randall Yin

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Gary D. Vest

Principal Assistant Deputy Under Secretary of Defense (Environmental Security)

Gary D. Vest is the Principal Assistant Deputy Under Secretary of Defense for Environmental Security. He assists and acts for the Deputy Under Secretary in establishing policy for, and overseeing implementation of all worldwide environmental, safety, occupational health, explosive safety, pest management, and fire and emergency services matters of the Department of Defense.

He was the Deputy Assistant Secretary of the Air Force for Environment, Safety and Occupational Health, Air Force Deputy for Environment, Safety and Occupational Health, and Assistant to the Chief of the Air Force Environmental Division. Earlier he was a community planner at HQ U.S. Air Force, Assistant Chief of Air Training Command Master Planning, Chief of Programs and Base Master Planner at Laughlin Air Force Base, Texas and Associate City Planner in Redmond, Washington. Before joining the Defense Department, Mr. Vest held positions with the Department of Interior Bureau of Land Management, University of Idaho, University of Washington, a real estate consulting firm, and as a



Proclamation Accident Prevention

June is National Safety Month, a time to focus on the most important resource we have, our people. Our safety record is exceptional and every member of the Department of Defense should be proud of our record. However, we can do better. Every life lost is irreplaceable. Every day lost to injury and occupational illness is avoidable.

Last September, after a spate of aircraft accidents, I asked the Services to implement a 24 hour safety stand down of training flights to give those who fly and maintain U.S. military aircraft time to focus on making flying as safe as possible. Also last year, I asked the DoD Inspector General to let me know how our safety program is working to protect our people. They say we are doing a good job. But rates for accidents, occupational illnesses, and fires have plateaued in many areas. I say we can do better.

I have stated that even one accident is too many, and I continue to advocate continuous improvement until we reach a goal of zero accidents, occupational illnesses, and fires. This is an ambitious goal, but to endorse any other goal legitimizes the acceptance of harm. The goal is achievable. Small Defense organizations frequently have long periods without accidents. Large Defense organizations routinely go accident free for days, weeks, and even months. Working together, I believe we can and will move toward this goal.

Accidents, occupational illnesses, and fires are an avoidable waste of human and material resources. I therefore would like each of you to help me take the next step throughout the Department by adopting goals of zero accidents, occupational illnesses, and fires as core values of our large organization. Safety is not something we simply add to the task at hand, it must be an integral part of everything we do – both on- and off -duty.

Now, therefore, I, William S. Cohen, Secretary of Defense of the United States of America, do hereby proclaim that accident, occupational illness, and fire prevention is critical to the Defense Department mission and that in the spirit of National Safety Month, we can, must, and will journey together to a safer future.

William S. Cohen

Environmental Security: Who We Are



Safety & Health Integration

Environmental Quality

**Environmental
Cleanup**

**Accident Prevention
Occupational Health**

Pest Management

**Material
Safety
Data
Sheets**

**Protective
Equipment**

Safety & Health Integration

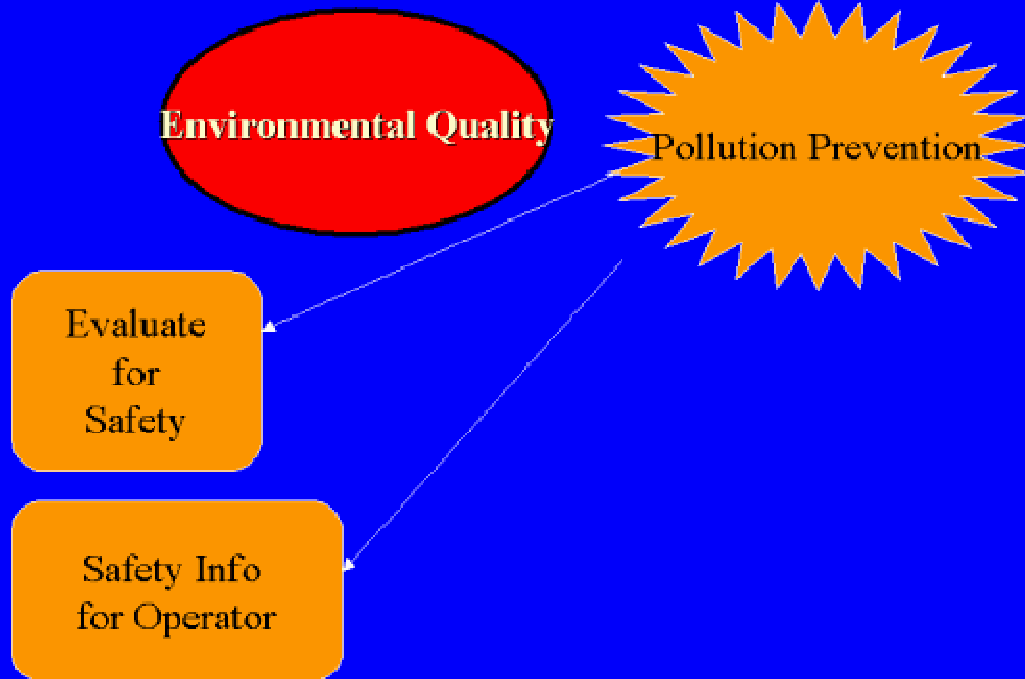


Environmental Quality

Pollution Prevention

Wildlife
Conservation

Safety & Health Integration



Environment, Safety & Health In Common

Compliance

**Cleanup
Contamination**

**Wildlife
Conservation**

Prevention

**Improve Quality
of Life**

**Hazardous
Materials**

**Public
Expectation**

**“People
First”**

**Facilities &
Equipment**

ESOH

Functional Responsibilities

IND. HYGIENE

Annual survey
Exposure **Sampling**
Med exams needed
Eng. control checks
Indoor Air Quality
Asbestos
HAZMAT toxicity
PPE
Occupational **Noise**
Training
Ergonomics
Project Reviews
Occ. **Lead Control**

SAFETY

Annual surveys
Hazard Abatement
Med Surv Mgmt
Respirator Mgr
Electrical Safety
Confined Spaces
Asbestos
PPE
HAZMAT Mgr
Hearing Conservation
Training
Project Reviews
Ergonomics
Occ. **Lead Control**

ENVIRONMENTAL

Annual surveys
Environ. **Sampling**
Water Quality
Air Quality
HAZMAT / WASTE
Asbestos
PPE
Endangered species
Community **Noise**
Training
Env. **Lead Control**
Project Reviews

NAS SIGONELLA SICILY



ENVIRONMENTAL &
SAFETY
GROWING STRONGER TOGETHER

SAFETY + ENVIRONMENTAL

- One Department Since October 1997
- Report Directly to the Commanding Officer
- Joint Ventures:
 - HAZMAT Minimization
 - Pollution Prevention
 - Committees
 - Hazardous Substance Committee
 - Authorized Use List Committee
 - Pollution Prevention Committee
- Joint Training: New Employee Orientation & Hazardous Substance
- Combined Inspections
- Combined Awareness: Lead Paint and Asbestos

Safety & Health Integration

Environmental Quality

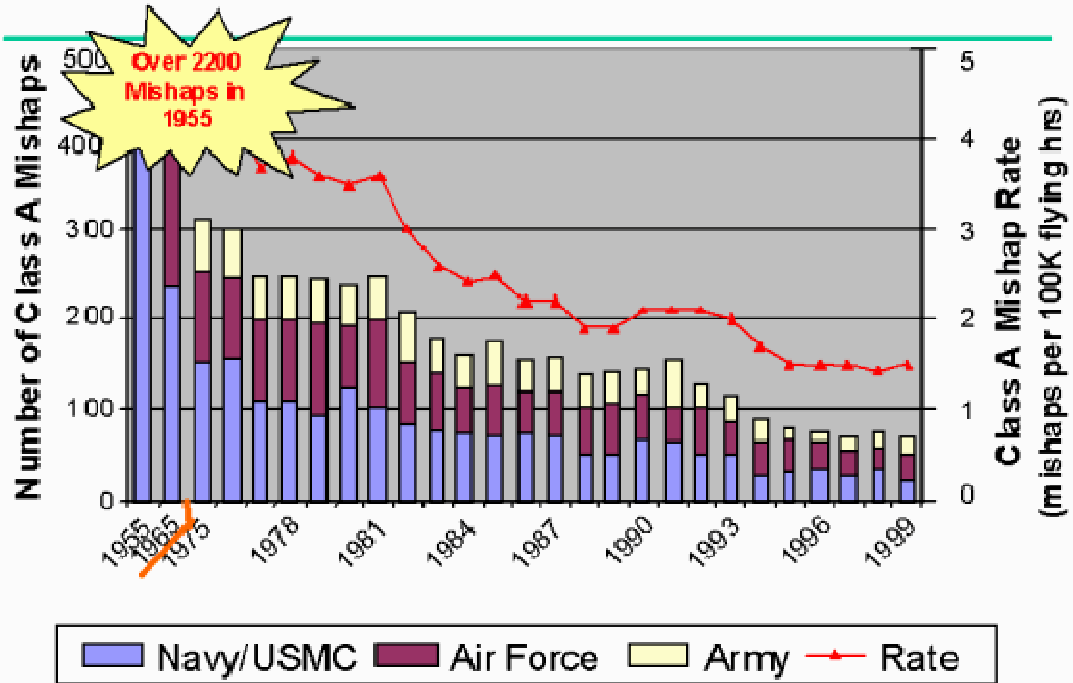
Pollution Prevention



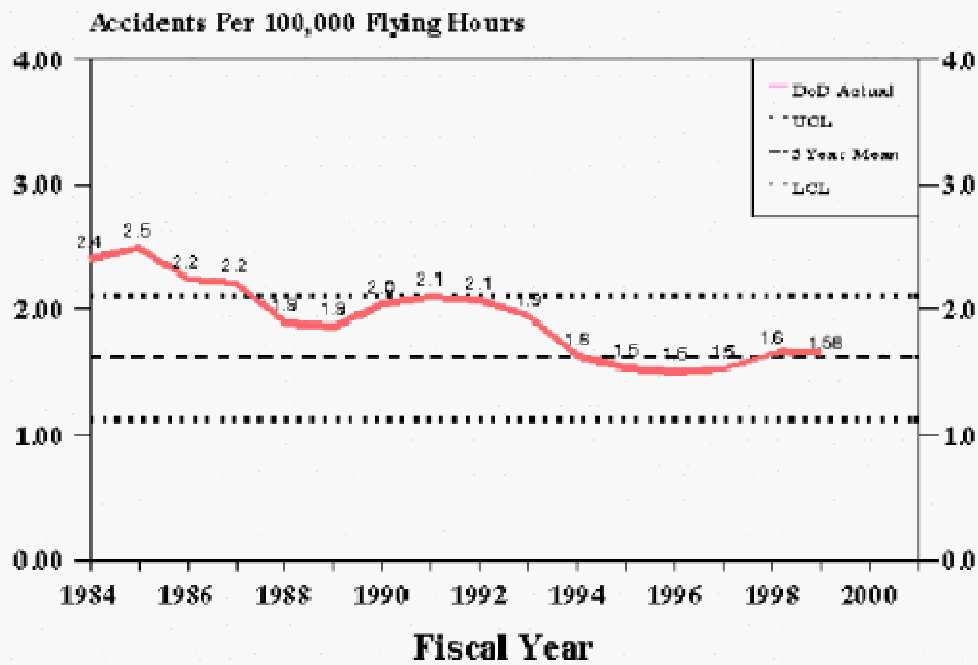
Wildlife
Conservation



Background: Aviation Class A Mishap History



FY 99 DoD Aviation Class A Accident Rate



UCL & LCL indicate statistically significant upper and lower control limits.
Control Limits calculated using FY93-97 data points.

Bird/Animal Strike Hazards

BASH - Netscape

File Edit View Go Communicator Help

http://www.safetycenter.navy.mil



The Naval Safety Center



[Safety Home](#)
[Aviation Home](#)
[Operations](#)
[Feedback](#)

Bird Aircraft Strike Hazard

The Bird Aircraft Strike Hazard (BASH) potential at Navy and Marine air stations is a manageable hazard. Bird management measures are required to reduce hazardous bird/animal activity relative to airport flight operations. Opnav requires commands to develop a BASH plan that would be implemented as a bird/animal conflict occurs. This information is provided to assist your command in setting up a local Bash Reduction Plan. The guidance to develop and find the people that will assist establish a comprehensive Bash Plan are enclosed. The Safety Center provides a list of references and outlines the responsibility of different command instructions and Bash reduction plans provided to us as examples outlining some of the minimum requirements of a bash plan.

Download Bash reduction Plan [HERE](#):

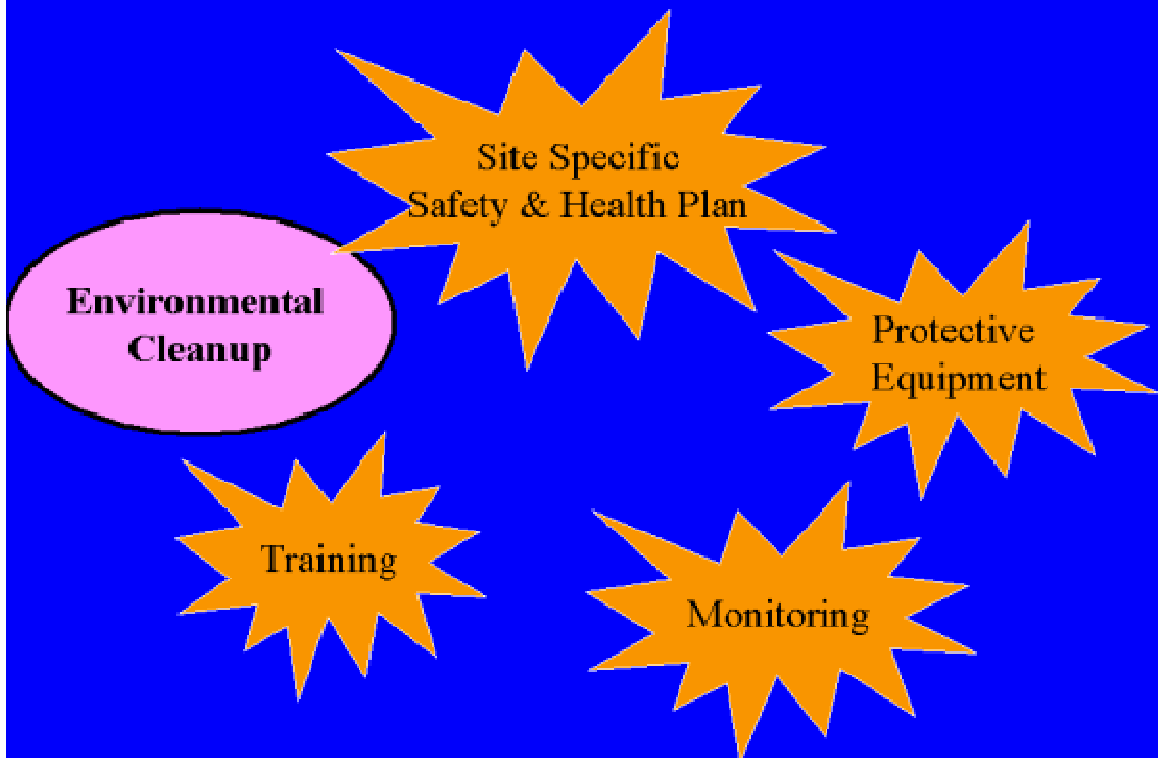
Fill out BASH form [HERE](#):

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Environmental Security: Who We Are

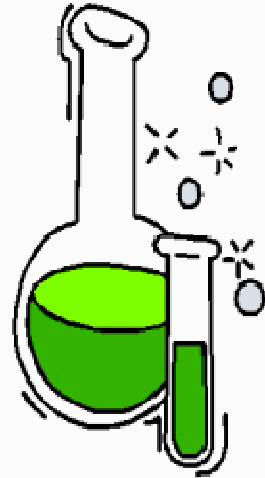


Safety & Health Requirements



HAZARDOUS MATERIAL

- Toxic
- Flammable
- Carcinogenic
- Reactive
- Radioactive
- Teratogenic
- Irritation
- Sensitization
- Explosive
- Biological
- Corrosive
- Mutagenic



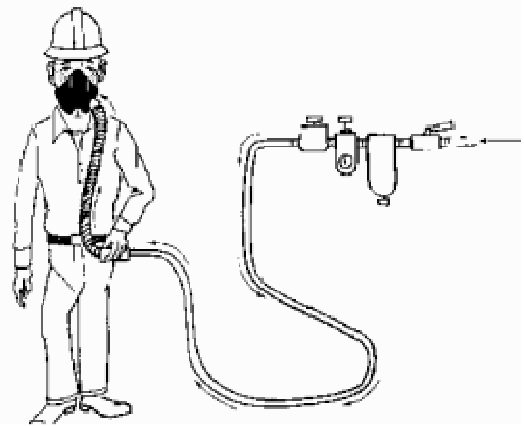
LEVEL A PROTECTION

- **Unknown** conditions (i.e., O2 level)
- **Highest level of protection** required for HAZMAT's **EXTREME toxicity** and/or handling conditions
- High potential for **splash or immersions** during operations exists
- Confined space operations are performed



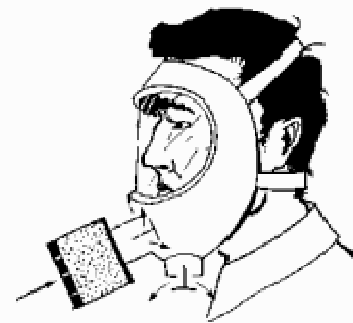
LEVEL B EQUIPMENT

- **Positive-pressure, supplied-air respirator**
- **Hooded, chemical-resistant suit**
- **Inner clothing**



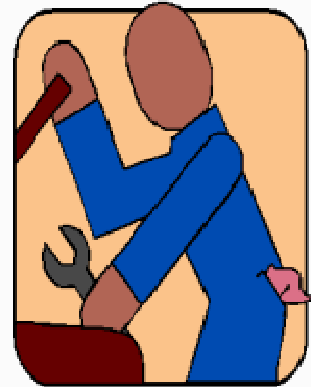
LEVEL C PROTECTION

- **IDLH** atmosphere **does not** exist
- Atmosphere contains at least **19.5% oxygen** for APR usage criteria have been met
- Skin will not be adversely affected by contaminants present



LEVEL D PROTECTION

- **Work uniform, coveralls**
- **Gloves**
- **Safety boots or shoes**





Hazardous Waste Operations & Emergency Response OSHA Standards (29 CFR 1910.120)*

- 1910.120 - Hazardous waste operations and emergency response.
- 1910.120 App A - Personal protective equipment test methods.
- 1910.120 App B - General description and discussion of the levels of protection and protective gear.
- 1910.120 App C - Compliance guidelines.
- 1910.120 App D - References.
- 1910.120 App E - Training Curriculum Guidelines

* http://www.osha-slc.gov/OshStd_toc/OSHA_Std_toc_1910.html



Hazardous Waste Operations & Emergency Response US Army Corps of Engineers (EM 385-1-1)*

- Hazardous, Toxic, and Radioactive Waste (HTRW) and Underground Storage Tank (UST) Activities.
- Hazard Evaluation and control.
- Training (40 hour and 8 hour)
- Pre entry Briefings
- Medical Surveillance
- Inspections
- Emergency Operations
- Site-Specific Safety & Health Plan
- Site Characterization & Initial Site Entry
- Protective Equipment & Site Monitoring & Sampling
- UST Removal
- Handling Drums and Containers
- Decontamination
- Emergency Response

<http://www.usace.army.mil/inet/usace-docs/eng-manuals/em385-1-1/toc.htm>

US Navy Environmental Health Center Health and Safety Services

- **Site-Specific Health and Safety Plan Review & Development**
- **Checklist Review Document**
- **On-Site Consultation**
- **Risk Communication Training**

<http://www-nehc.med.navy.mil/ep/>



US Army Corps of Engineers CX: HTRW



<http://www.environmental.usace.army.mil/>

US Army Corps of Engineers “Restoration Reporter”



<http://www.environmental.usace.army.mil/library/newlett/newsarc.html>

National Safety Council

International Safety Council - Netscape
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http://www.nsc.org

International Safety Council



The world is turning
to the International Safety Council

The International Safety Council, the National Safety Council's global subsidiary, continues to expand its presence worldwide. We provide training, expertise, products and services related to all areas of safety, health and the environment.

See What's New ...
Coming Soon: New Articles for International Safety News

- [About the International Safety Council \[Español\]](#)
- [Upcoming Events](#)
- [International Training Schedule](#)
- [Defensive Driving Course Training](#)
- [First Aid & CPR Training](#)
- [International Representatives](#)
- [Membership Information](#)

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National Safety Council Environmental Health Center

National Safety Council Environmental Health Center - Netscape

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www.nsc.org/ehc.htm

Environmental Health Center

National Safety Council

Journalists

Educators

General Public

Children

Professionals



Air Quality

**Children's
Environmental
Health**

Climate Change

**Disaster
Recovery**

**Hazardous
Chemicals**

**Radioactive
Waste**

Solid Waste

Water/Coasts

"... to foster improved public understanding of significant health risks and challenges facing modern society."

Last updated March 1, 2006.

Highlights

- Learn what you, the public, can do to get involved in protecting your current and future [drinking water quality](#).
- The [Cleaner Cars Module](#) is now available for free to schools. For all others, it is \$60.00.
- EHC has released a new video, [Environmental Safety: What Every Parent Should Know](#), which exposes today's common environmental health risks.
- Kids, spring isn't too far away. Why not build a [bird bath](#).

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[Environmental Links](#) | [Order Info/Products](#) | [Contact Us](#) | [NSC Home](#)

Environmental Health Center

A Division of the National Safety Council
1025 Connecticut Avenue, NW, Suite 1200, Washington, DC 20036
(202) 293-2270 (tel); (202) 293-0032 (fax)

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National Safety Congress 13-20 October 2000

The screenshot shows a Netscape browser window with the address bar containing "www.nsc.org". The main content area features a large orange banner with the text "88th Annual Congress & Expo 2000" and "October 13-20, 2000". Below the banner, it specifies the "Expo: October 16-18, 2000" at the "Orange County Convention Center, Orlando, Florida". A vertical banner on the left side of the page reads "2000 Congress & Expo". The main text area includes navigation links: "What's Coming?", "Subject Interests", "Schedule At A Glance", "Registration Info", and "Join Our Listserve". A paragraph states: "Planning your 2000 Congress experience will be easier than ever with the aid of new Website services". This is followed by a bulleted list of services: "Register for Congress and make housing arrangements online.", "Maintain and print your daily schedule of events and sessions.", "Revise your schedule online as your plans change.", "Add personal appointments and networking opportunities to your calendar.", "Alert you to sessions that are most valuable to you by visiting our speaker's database.", and "Map out your strategies to maximize your time in the Exhibit Hall and print a copy of the floor map". A final paragraph says: "Watch for our Congress & Expo website debut, including advance program information, in late August". The browser's status bar at the bottom shows "On current: Done".

National Safety Council Congress & Expo Year 2000 - Netscape

www.nsc.org

88th Annual
Congress & Expo 2000
October 13-20, 2000

Expo: October 16-18, 2000
Orange County Convention Center
Orlando, Florida

2000
Congress & Expo

[What's Coming?](#) | [Subject Interests](#) | [Schedule At A Glance](#)
[Registration Info](#) | [Join Our Listserve](#)

Planning your 2000 Congress experience will be easier than ever with the aid of new Website services:

- Register for Congress and make housing arrangements online.
- Maintain and print your daily schedule of events and sessions.
- Revise your schedule online as your plans change.
- Add personal appointments and networking opportunities to your calendar.
- Alert those sessions that are most valuable to you by visiting our speaker's database.
- Map out your strategies to maximize your time in the Exhibit Hall and print a copy of the floor map.

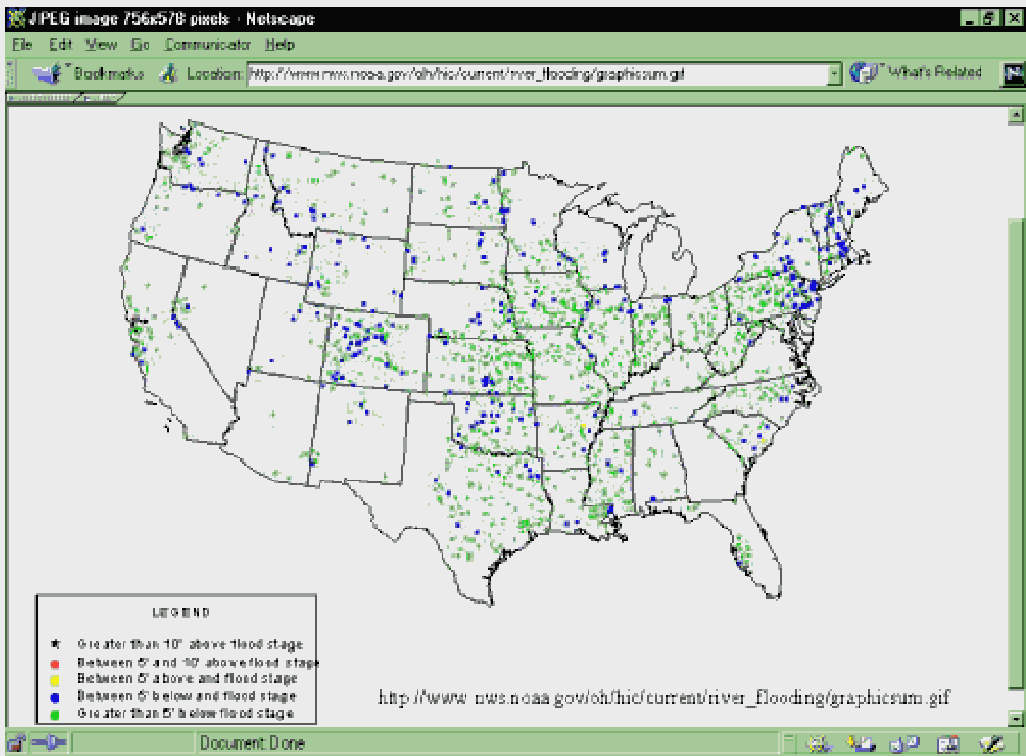
Watch for our Congress & Expo website debut, including advance program information, in late August!

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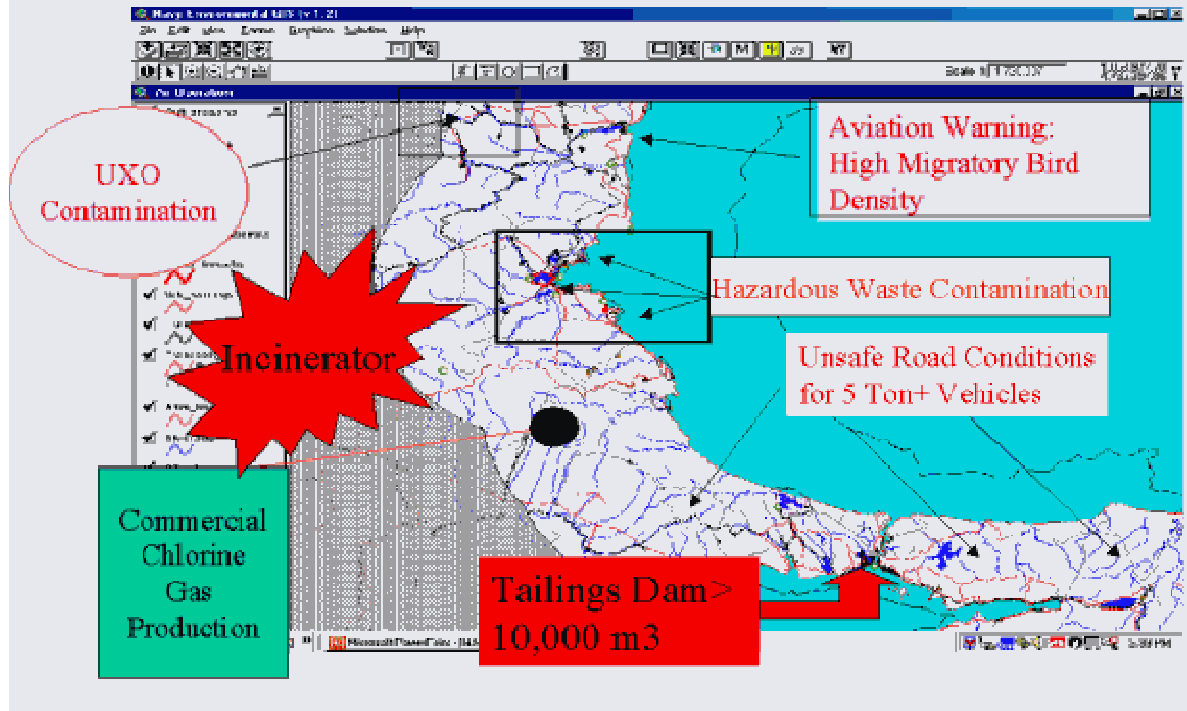
Association Of State Dam Safety Officials

The screenshot shows a web browser window with the title "Association of Dam Safety Officials - About ASDSO" and the URL "http://www.damsafety.org". The browser's address bar shows "http://www.damsafety.org". The website header features the ASDSO logo on the left, which includes a dam and the text "ASSOCIATION OF STATE DAM SAFETY OFFICIALS" and "1984". To the right of the logo, the text reads "Association of State Dam Safety Officials" and "A national non-profit association dedicated to the improvement of dam safety through research, education, and communication." Below the header, there is a navigation menu on the left with items: "About ASDSO", "Conferences & Training Programs", "Information Central", "National Dam Safety Program", "Legislative Activities", "Peer Review Program", "Undergraduate Scholarships", "Dam Safety 101", "Links / Resources", and "Contact Us". The main content area has a green header for "About ASDSO" with a list of links: "Objective of Activities", "Contract Policy", "Annual Report", "Board of Directors", "Executive Minutes", and "Constitution & Bylaws". Below this, there is a section titled "About ASDSO" with a paragraph: "The safe design, operation and repair of all dams, privately and publicly owned, is the responsibility of engineers, dam owners and dam operators. Since its formation in 1984, the Association of State Dam Safety Officials (ASDSO) has served as one of the premier professional organizations for individuals committed to ensuring the safety of dams in the U.S." This is followed by another paragraph: "Membership in ASDSO is advantageous for government officials, engineering consultants, contractors, manufacturers and suppliers, researchers, teachers, dam owners and operators and university students." Below this is a section titled "Objectives & Activities" with a sub-section "1. Regions and Chapters" and a paragraph: "Five major regions meet regularly and hold regional training seminars. ASDSO is also beginning an effort to strengthen local participation through chapter development. State groups and regional groups are encouraged to meet and exchange information. The State of Ohio and the Mid-Atlantic Council for Safe Dams are formally organized as chapters." The browser's status bar at the bottom shows "Document Done" and various system icons.

River Conditions



Environmental GIS Use for Accident Prevention





Defense Environmental Information Exchange (DENIX)

DENDX->PUBLIC MENU - Netscape

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www.denix.osd.mil

DENIX Home

Wednesday, Sept 5

WHAT'S NEW

CALENDAR

CHANNELS

News & Information
Component Policy
Legislation & Regs
Library
DUSD (ES) Programs
Native Americans
Internat'l Exchange

FINDING AIDS

Web Search
Document Index
Site Map

GATEWAYS

CONTACT US

DoD Menu **Public Menu** **State Menu**

Public menu

News & Information
Industry-wide environmental information, including DoD component publications and the DDCIM PMO's migration system fielding plans, fact sheets & news releases.

Component Policy
Access to current Federal DoD component policy & guidance, instructions, rules, directives, and orders.

Legislation & Regulations
Access to current Federal & State legislation and regulations, executive orders, gateway to GPO & EPA Web sites.

Library
Share & library of environmental information covering compliance, restoration, pollution prevention, natural & cultural resources, occupational safety & health, pest

quick search
 Go
[Advanced Web Search](#)

Document: Done



Defense Environmental Information Exchange (DENIX)

- <http://www.denix.osd.mil/SOH-public>
- <http://www.denix.osd.mil/MAPP> (Intl)
- <http://www.denix.osd.mil>

No Lunch Breaks for Safety

