



Emerging Occupational and Environmental Health Issues: Phase I Findings

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PURPOSE

- Identify and evaluate some of the key environmental and occupational health issues that may affect the Army's ability to provide a ready force over the next 10 years.



PHASE I: METHOD

- Initial 22 issues
- Rank ordered top 10
- EOH Professionals



1. Military Unique Compounds

- Environmental health impacts of military-unique compounds, materials, and systems
- The Army Acquisition Pollution Prevention Program (A2P3)
- Health Hazard Assessment Program



2. OEH Policy: Sustainable Design and Force Protection

- OEH risks associated with Systems, Material, and Equipment
- As related to sustainable design and force protection
- HHA Risk Assessment Code (RAC)



3. Criteria/standards for EOH Risk and Exposure Assessments

- Process for developing EOH standards
- Toxicological databases
- Biomarkers of exposure and effect
- Future air standards based on allergic response
- Health hazard models
- Physiological simulations and decision aids.
- OCONUS field drinking water standards



4. Infectious Diseases

- Natural mutations
- Emergence and re-emergence
- AIDS



5. Homeland Security (HLS)

- Exposure scenarios
- Chemical, biological, radiological agents



6. Acquisition Process

- DOD acquisition process
- Avoid training restrictions that impact readiness.
- DOD 5000 series
 - less oversight of the acquisition process may lead to future oversights



7. Environmental Regulations

- Limit or restrict the use of certain military materials



8. Installation EH Programs

- Comprehensive installation environmental health programs



9. PM Risks of Insect Vectors

- What are the Preventive Medicine risks of insect vectors?
- How will the Army deal with them?



10. Drinking Water

- Drinking Water Issues:
 - Drinking Water Treatment in sub zero temperatures
 - Lack of quality water. Natural problems with supply and failing infrastructure.
- OCONUS field drinking water standards



CONCLUSION

- Develop programs to address issues
- Enforce current program charters and objectives
- Continue to monitor and track issue

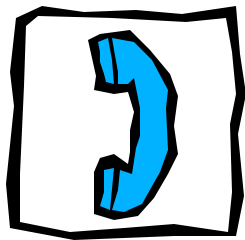


PHASE II

- **Description**
- **State of Science**
- **Analysis of Validity**
- **Recommendations for action**



CONTACT INFORMATION



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