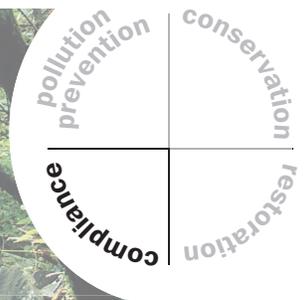


APPENDIX Q

DEFENSE ENVIRONMENTAL INTERNATIONAL COOPERATION



The Office of the Deputy Under Secretary of Defense (Installations and Environment) (ODUSD(I&E)), in partnership with the Office of the Under Secretary of Defense (Policy) and regional Combatant Commanders, uses environment, safety, and occupational health (ESOH) as a tool to advance the goals of the Secretary of Defense's Security Cooperation Guidance. The Defense Environmental International Cooperation (DEIC) program is an effective and cost efficient way to share environmental information; counter the proliferation of weapons of mass destruction; partner to maintain access to resources for training and readiness; contribute to interoperability; promote regional cooperation; foster a global military environmental ethic; and improve interagency processes, focus, and integration.

In Fiscal Year (FY) 2004, DEIC activities focused on building capacity to mitigate encroachment; preserve training range capabilities; and enhance regional capacity to address natural, accidental, or terrorist caused disasters. Highlight of activities in FY2004 include:

- *United States Central Command (CENTCOM) Regional Disaster Preparedness Program.* ODUSD(I&E) supports this program to improve regional security and stability by building regional capacity to address natural, accidental, or terrorist induced-environmental disasters. These activities are designed to promote interoperability and collaboration across regional defense and civilian ministries (e.g. health, environment, foreign affairs, and emergency management), thus building capacity and reducing the need for a United States (U.S.) military response. CENTCOM manages this program across three sub-regions—the Arabian Gulf, the Horn of Africa, and Central/South Asia.
 - In the Gulf Nations, conferees agreed to a five-year plan to establish a regional coordination center and to develop a regional response plan. Particular areas of interest include cooperative medical environmental monitoring, security, and biological threat reduction.
 - In the Horn of Africa region, conferees agreed to develop a regional response plan and to establish a regional coordination center.
 - In Central and South Asia, first responder managers from government ministries participated in a preparedness and response conference which included a tactical mission scenario, complete with personnel and equipment monitoring.
- *Office of the Assistant Secretary of Defense (Africa) – U.S.-Republic of South Africa Defense Committee (DEFCON).* ODUSD(I&E) co-chairs the Environmental Security Working Group of the DEFCON which addresses issues relating to interoperability, sustainability, and environmental stewardship through technology, awareness, and educational exchange opportunities.

- *Defense Environmental Network (DEFNET)*. This effort, initiated by ODUSD(I&E) in 2001, focuses on understanding important and emerging European Union legislation that may increase the potential for encroachment on defense capabilities. The European Commission, which does not have a Defense component, is often unaware of the potential impact of legislation on military readiness. DEFNET provides an opportunity for the Defense community in Europe to voice these concerns prior to promulgation of final legislation.
- *Environmental Cooperation Program with Australia, Canada, and the United Kingdom (UK)*. This program presents a forum for ESOH information sharing to improve environmental practices, interoperability, and training. During FY2004, compliance with environmental laws of host nations and the effect of sonar on marine mammals were major topics of discussion.
- *Bilateral Cooperation Program with the Philippines*. During FY2004, ODUSD(I&E) worked with the U.S. Environmental Protection Agency and the University of the Philippines to deliver a program of hazardous waste workshops to both civilian and military personnel. In addition, participating nations worked to develop public/private partnerships, assist with the processing of military hazardous waste, support reforestation efforts; develop an environmental awareness campaign for the Philippine military; and encourage further development of a Southeast Asia military group to discuss environmental issues. The Southeast Asia military group held three events during FY2004, discussing disaster response, coral reef management, critical infrastructure management, and military support to agriculture.

Funding

During FY2004, the Office of the Secretary of Defense invested \$1.4 million for travel, information exchanges, conference support, guidebooks, and studies as part of the DEIC Program. In FY2004, the regional Combatant Commands, Department of Defense (DoD) Components, and ODUSD(I&E) expended DEIC and other funds totaling \$3.3 million to support efforts that used ESOH as a tool for security cooperation. These organizations plan to invest \$3.9 million in FY2006 (Figures 1 and 2) for similar activities. Of this amount, \$1.8 million will come from the DEIC request in the President's FY2006 budget.

In addition to the funding described in Figures 1 and 2, in FY2004, DOD invested an additional \$2.5 million in the Arctic Military Environmental Cooperation (AMEC) Program, with contributions from Norway, Russia, and the UK supplementing this amount. In FY2006, the AMEC Program request is \$1.4 million, with AMEC partner countries expected to add approximately \$6 million.

Future Directions

ODUSD(I&E) plans to continue the Defense Environmental International Cooperation program as an effective security cooperation tool and to foster a global military environmental ethic. Environmental concerns transcend national borders. By continuing to promote cooperation and partnership, DoD can reap the benefits of shared knowledge, multilateral initiatives, and mutual environmental protection efforts.

Figure Q-1
Summary of International Travel, Pilot Studies, and Conferences/Meetings
(Current \$000)

TYPE OF EXPENDITURE	FY2001 Actual	FY2002 Actual	FY2003 Actual	FY2004 Actual	FY2005 Approp	FY2006 Request
Conferences/Meetings	\$1,042	\$1,745	\$1,480	\$1,798	\$2,217	\$2,609
Pilot Studies	\$711	\$50	\$244	\$685	\$410	\$300
Travel	\$652	\$419	\$589	\$860	\$977	\$892
Subtotal	\$2,405	\$2,214	\$2,313	\$3,343	\$3,604	\$3,872

Figure Q-2
Summary of International Travel, Pilot Studies, and Conferences/Meetings:
International Environmental Cooperation
(Current \$000)

COMPONENT	TYPE OF EXPENDITURE	FY2001 Actual	FY2002 Actual	FY2003 Actual	FY2004 Actual	FY2005 Approp	FY2006 Request
Defense Logistics Agency							
	Conferences/Meetings	\$0	\$2	\$0	\$0	\$68	\$5
	Pilot Studies	\$0	\$0	\$0	\$0	\$0	\$0
	Travel	\$389	\$37	\$0	\$68	\$52	\$51
	Subtotal	\$389	\$39	\$0	\$68	\$120	\$56
ODUSD(I&E)/Safety and Occupational Health							
	Conferences/Meetings	\$450	\$1,024	\$683	\$951	\$1,207	\$1,387
	Pilot Studies	\$661	\$50	\$244	\$197	\$240	\$200
	Travel	\$43	\$117	\$311	\$210	\$201	\$200
	Subtotal	\$1,154	\$1,191	\$1,238	\$1,358	\$1,648	\$1,787
U.S. Air Force							
	Conferences/Meetings	\$4	\$5	\$6	\$3	\$5	\$6
	Pilot Studies	\$50	\$0	\$0	\$0	\$0	\$0
	Travel	\$61	\$9	\$13	\$25	\$33	\$28
	Subtotal	\$115	\$14	\$19	\$28	\$38	\$34
U.S. Army							
	Conferences/Meetings	\$0	\$0	\$11	\$0	\$7	\$1
	Pilot Studies	\$0	\$0	\$0	\$397	\$0	\$0
	Travel	\$4	\$0	\$15	\$4	\$52	\$38
	Subtotal	\$4	\$0	\$26	\$401	\$59	\$39
U.S. Navy							
	Conferences/Meetings	\$0	\$14	\$0	\$0	\$0	\$0
	Pilot Studies	\$0	\$0	\$0	\$0	\$0	\$0
	Travel	\$120	\$56	\$44	\$44	\$33	\$0
	Subtotal	\$120	\$70	\$44	\$44	\$33	\$0

Figure Q-2, continued

COMPONENT	TYPE OF EXPENDITURE	FY2001 Actual	FY2002 Actual	FY2003 Actual	FY2004 Actual	FY2005 Approp	FY2006 Request
U.S. Central Command							
	Conferences/Meetings	\$250	\$400	\$400	\$475	\$570	\$570
	Pilot Studies	\$0	\$0	\$0	\$0	\$0	\$0
	Travel	\$0	\$200	\$200	\$476	\$571	\$571
	Subtotal	\$250	\$600	\$600	\$951	\$1,141	\$1,141
U.S. European Command							
	Conferences/Meetings	\$270	\$300	\$380	\$359	\$325	\$325
	Pilot Studies	\$0	\$0	\$0	\$0	\$0	\$0
	Travel	\$5	\$0	\$6	\$26	\$23	\$25
	Subtotal	\$275	\$300	\$386	\$385	\$348	\$350
U.S. Southern Command							
	Conferences/Meetings	\$68	\$0	\$0	\$10	\$35	\$315
	Pilot Studies	\$0	\$0	\$0	\$91	\$170	\$100
	Travel	\$30	\$0	\$0	\$7	\$12	\$50
	Subtotal	\$98	\$0	\$0	\$108	\$217	\$465
DoD Total							
	Conferences/Meetings	\$1,042	\$1,745	\$1,480	\$1,798	\$2,217	\$2,609
	Pilot Studies	\$711	\$50	\$244	\$685	\$410	\$300
	Travel	\$652	\$419	\$589	\$860	\$977	\$963
	Subtotal	\$2,405	\$2,214	\$2,313	\$3,343	\$3,604	\$3,872

* Travel is related to conferences, meetings, and pilot studies.