

Annex E

Lists of respondents

This annex provides information about the various respondents who contributed data for this study. The respondents are sub-divided according to the type of affiliation: countries and regional organizations, international organizations, and others, and listed in order of the first response. Three response types are shown. Those listed as 'interview' were face-to-face interviews unless otherwise indicated. The location of the interview is shown in brackets. Those listed as 'telephone' were interviews conducted by telephone. Those listed as 'questionnaire' were written responses to a questionnaire (see annex F). Note that written responses were often followed up with telephone calls to query or supplement the information supplied. The researchers who conducted the interviews or checked the questionnaires are shown in the last column.

Main report

Name	Affiliation	Response type	Researcher
<i>National and regional organizations</i>			
Anita Dwyer, Disaster Risk Reduction Manager	AusAID, Australia	Interview (Geneva) Telephone	JL/TR JL/SW
Alan March, Humanitarian Coordination and Assistant Director-General for Public Affairs	AusAID, Australia	Telephone	JL/SW
Garry Dunbar,* A/g Director	Humanitarian and Emergencies Section, AusAID, Australia	Telephone Questionnaire	JL/SW JL
Maj. Gen. David Morrison	Australian Defence Force	Interview (Canberra)	HA
Col. David Scott	Australian Defence Force	Interview (Canberra)	HA
Marc Devalckeneer	MOD, Belgium	Questionnaire	JL
Gaetan Parmentier	MOD, Belgium	Questionnaire	JL
Rene Wagermalls	MOD, Belgium	Questionnaire	JL
Michael Bonser	DFAIT, Canada	Questionnaire	JL
Anne-Brigitte Albrechtsen*	MFA, Denmark	Questionnaire	JL
Ulla-Maija Finskas	MFA, Finland	Questionnaire	JL
Nicolas Baudouin	MOD, France	Interview (Paris)	JYH

Name	Affiliation	Response type	Researcher
Christian Bernard	MFA, France	Interview (Paris)	JYH
Nisha Manjoooran	MFA, Germany	Questionnaire	JL
P.G. Dhar Chakrabarti*	SAARC Disaster Management Centre, India	Questionnaire	JL
Ciara O'Brien	MFA, Ireland	Questionnaire	JL
Mitsunori Nanba,* Director	Overseas Disaster Assistance Division, International Cooperation Bureau, MFA, Japan	Interview (Geneva) Questionnaire	HA/JL/JYH/ TR/SW JL
Takahiro Araki, Assistant Director	International Operations Division, Bureau of Operational Policy, MOD, Japan	Interview (Tokyo) Questionnaire	HA HA
Maj Fujio Ueda	International Cooperation Office, Joint Staff Office, MOD, Japan	Interview (Tokyo)	HA
Minori Ishii	ODA, MFA, Japan	Interview (Tokyo)	HA
Masayuki Ichihara	JICA, Japan	Interview (Tokyo)	HA
Hitoshi Otomo	Coordinator, Disaster Assistance, JICA	Interview (Tokyo)	HA
Brecht Paardekoooper	MFA, the Netherlands	Questionnaire	JL
Arne Jan Flølo, Adviser, Humanitarian Affairs	MFA, Norway	Interview Questionnaire	JL/JYH/SW JL
Cap. Daen Ng	Joint Operations Department, MINDEF, Singapore	Interview (Singapore)	HA
Mandisa Kalako-Williams, Senior Manager for Disaster Intervention and Support	Department of Provincial and Local Government	Interview (Pretoria)	SW
Lt Col. Derek Moore	Joint Operations Division, Defence Foreign Relations, SANDF, South Africa	Questionnaire	SW
Col. Theo Ligthelm	School for Military Health Training, SA Military Health Service, South Africa	Interview (Pretoria)	SW
Lt Pieter Potgieter	School for Military Health Training, SA Military Health Service, South Africa	Interview (Pretoria)	SW
José Quevedo Ruiz	MOD, Spain	Questionnaire	JL
Stina Sjölin	SRSA, Sweden	Interview (Stockholm)	JL/JYH/SW
Lars Johansson	SRSA, Sweden	Telephone	SW
Jan Forsberg	MOD, Sweden	Interview (Stockholm)	JL

Name	Affiliation	Response type	Researcher
Eva Larsson	SRSA, Sweden	Email interview	JL
Andreas Schiess	Swiss Agency for Development and Cooperation	Telephone	JL
Katy Atfield, Civil–Military Adviser	DfID, UK	Interview (London) Questionnaire	JL/SW JL
Ian Howard-Williams	DfID, UK	Interview (London)	JL/SW
Christopher Clark	MOD, UK	Interview (London) Questionnaire	JL/SW JL
Benjamin Merrick	MOD, UK	Interview (London)	JL/SW
Peter Tallantire	Cabinet Office, UK	Interview (London)	JL/SW
Tom Dolan	USAID, US	Questionnaire	JL
Col. (retd) Linton Graham,* Representative	CARICOM	Questionnaire Telephone	SW SW/JYH
Mariusz Kawczynski	Civil–Military Cell, EU Military Staff, Council of the European Union	Questionnaire	JL
Johannes Luchner	Directorate-General Environment and ECHO, European Commission	Questionnaire	JL
Günter Bretschneider, Head	Euro-Atlantic Disaster Response Coordination Centre, NATO	Interview (Brussels)	TR
<i>International organizations</i>			
Colin Richards, Humanitarian Affairs Officer, Civil–Military Coordination Section	OCHA	Interview (Geneva)	JYH/TR/SW HA/JL
Phillipe Martou, Deputy Head of Aviation	UNHAS, WFP	Telephone	JL/SW
Andrew Harper, Head	Iraq Support Unit, UNHCR	Interview (Geneva)	JL/SW/HA
Julia Schtivel-Watt, Chief of Emergency Preparedness and Response Capacity	UNHCR	Interview (Geneva)	JL/SW/HA
Quoc Dang Nguyen, Emergency Officer	UNICEF	Interview (Geneva)	JL/SW/HA
Jean-Jacques Graisse, Senior Deputy Executive Director	WFP	Interview (Geneva)	JL/TR/SW

Name	Affiliation	Response type	Researcher
<i>Others</i>			
Roger Yates, Head of Emergencies,	Action Aid	Interview (Geneva)	TR
Laura Walker, Senior Delegate, PA/Team Coordinator, Humanitarian Policy and Partnerships	British Red Cross	Interview (London)	TR
Howard Mollet	CARE International	Interview (London)	TR
Olivier Bangerter, Head	Unit for Relations with Armed and Security Forces, ICRC	Interview (Geneva)	JYH/TR/SW
Simon Brooks	ICRC	Interview (London)	TR
Flemming Nielsen, Operations Coordinator	IFRC	Interview (Geneva)	JYH/TR/SW
Peter Medway, Director of Operations	International Medical Corps (UK)	Interview (London)	TR
Tiziana Oliva	Merlin	Interview (London)	TR
Alain Grall, Transport Coordinator	MSF Belgium	Interview (by email)	JL
Dan Sermand, General Director	MSF Sweden	Interview (Stockholm)	JL/SW
Vickie Hawkins	MSF	Interview (London)	TR
Aurélie Lamazière	Save the Children	Interview (London)	TR
Marcus Oxley, Disaster Management Director	Tear Fund	Interview (Geneva)	TR
Carl Skadian	<i>The Straits Times</i>	Interview (Singapore)	SW
Lola Gostelow, Consultant (former Humanitarian Policy Adviser, Save the Children)		Interview (London)	TR
Richard Luff, Consultant (ex Oxfam)		Interview (London)	TR
Gregg Nakano (former OFDA, USAID)		Interview (by email)	JYH

Case study: Mozambique

Name	Affiliation	Response type	Researcher
Col. Dimas, Liaison Officer to CENOE	Mozambique Armed Forces	Interview (Maputo)	SW
Col. Xavier Cadete, Liaison Officer to CENOE	Mozambique Armed Forces	Interview (Maputo)	SW
Julio Inacio Nunes, Customs Officer	Customs Service	Interview (Maputo)	SW
Emuzima, former Logistics Officer	INGC	Interview (Maputo)	SW
Paulo Zucula, Director*	INGC	Interview (Maputo) Telephone	SW SW
César Manzate	INGC	Interview (Maputo)	SW

Name	Affiliation	Response type	Researcher
Gumercindo, former Deputy Director	INGC	Interview (Maputo)	SW
Manuel Gonçalves	Directorate for International Organizations and Conferences, Ministry of Foreign Affairs and Cooperation	Interview (Maputo)	SW
Lucas Chomera Feremias, Minister	Ministry for State Administration	Interview (Maputo)	SW
Col. Robbie Blake	Joint Operations Division, Defence Foreign Relations, SANDF, South Africa	Interview (Pretoria)	SW
Lt Col. Derek Moore	Joint Operations Division	Interview (Pretoria)	SW
Maj. Prince Masinga	Joint Operations Division	Interview (Pretoria)	SW
Col. Botha	Air Force Command Post, SANDF, South Africa	Interview (Pretoria)	SW
Lt Col. Paul Munday	SA Military Health Service	Interview (Pretoria)	SW
Brig. Gen. John Church	Joint Operations Operational Headquarters, SANDF	Interview (Pretoria)	SW
Ian Howard-Williams	DfID, UK	Telephone	SW
Edoardo Manfredini	Italian Cooperation Office	Interview (Maputo)	SW
Kelly David	OCHA Regional Office for Southern Africa	Interview (Pretoria)	SW
Ndolamb Ngokwey	UN Resident Coordinator, Mozambique	Interview (Maputo)	SW
Angelina Tivane	UN Emergency Coordination Support Officer UN Resident Coordinator's Office	Interview (Maputo)	SW
Melissa Fernandez	UNICEF, Mozambique	Interview (Maputo)	SW
Ken Davies, Country Director	WFP, Mozambique	Interview (Maputo)	SW
Peter Keller-Transburg, Public Information Officer	WFP, Mozambique	Interview (Maputo)	SW
Barbara Vanlogchem, Logistics Officer	WFP, Mozambique	Telephone	SW
George Tomas	IFRC, Mozambique	Interview (Maputo)	SW
Eunice Mucache	IFRC, Mozambique	Interview (Maputo)	SW
Torsten Wegner	Internationale Weiterbildung und Entwicklung	Interview (Maputo)	SW
Fernando B. de Lima, President	Mediacoop	Interview (Maputo)	SW
David Wright, Country Director	Save the Children, Mozambique	Interview (Maputo)	SW
Jaco Klopper, former SANDF Air Force Task Commander		Interview (Pretoria)	SW

Case study: Haiti

Names are not given following an agreement between the researcher and the respondents.

Affiliation	Response Type	Researcher
Direction Protection Civile	Interview (Port-au-Prince)	JYH
Former Minister of Agriculture, Haiti	Interview (Port-au-Prince)	JYH
Former Minister for Planning in charge of tropical storm Jeanne relief operation	Interview (Port-au-Prince)	JYH
USAID, Haiti	Interview (Port-au-Prince)	JYH
USAID, Washington	Interview (Washington, DC)	JYH
USSOUTHCOM, Washington, DC	Interview (Washington, DC)	JYH
US Military and Liaison Officer and official from US Embassy, Haiti	Interview (Port-au-Prince)	JYH
MINUSTAH personnel and advisers, Haiti	Interview (Port-au-Prince)	JYH
OCHA, Haiti	Interview (Port-au-Prince)	JYH
UNDP, Haiti	Interview (Port-au-Prince)	JYH
WFP, Haiti	Interview (Port-au-Prince)	JYH
CARE Haiti	Interview (Port-au-Prince)	JYH
Catholic Relief Service	Interview (Port-au-Prince)	JYH
International Crisis Group	Interview (Port-au-Prince)	JYH
Oxfam-Québec	Interview (Port-au-Prince)	JYH
Oxfam-UK	Interview (Port-au-Prince)	JYH

Case study: Indonesia

Name	Affiliation	Response type	Researcher
Tabrani, Deputy Director, Emergency Management	BAKORNAS	Interview (Jakarta)	HA
Aisyah Hamid Baidlowi, Chair	Asian Forum of Parliamentarians, Population and Development	Interview (Jakarta)	HA
Dr Juwono Sudarsono, Minister	Ministry of Defense and Security, Indonesia	Interview (Jakarta)	HA
Alwi Shihab, former Coordinating Minister, Ministry for People's Welfare	Special Envoy to the Middle East	Interview (Jakarta)	HA
Maj. Gen. Heryandi, Deputy Commander for Aceh Relief Operations	Indonesian Armed Forces (TNI)	Interview (Jakarta)	HA
Lt. Gen. Endang Suwarya, Chief of General Staff (formerly Regional Commander, Aceh)	TNI	Interview (Jakarta)	HA
Hassan Abdullah, 2nd Assistant (Economy and Development)	Regency Office, Western Aceh	Interview (Meulaboh, Aceh)	HA/SW
T. Dadek, Head of Administration	Regency Office, Western Aceh	Interview (Meulaboh, Aceh)	HA/SW

Name	Affiliation	Response type	Researcher
Edizar, Head	Regency Office, Western Aceh	Interview (Meulaboh, Aceh)	HA/SW
Rudi Arfiansyah, Assistant to Head	Health Department, Meulaboh General Hospital	Interview (Meulaboh, Aceh)	HA/SW
Dr Harris M Saputra, Director	Meulaboh General Hospital	Interview (Meulaboh, Aceh)	HA/SW
Dewi, Head	Office of the UN Recovery Coordinator, Meulaboh	Interview (Meulaboh, Aceh)	HA/SW
Rusly	Indonesian Red Cross	Interview (Meulaboh, Aceh)	HA/SW
Edy Aman Saragih, Head	North Sumatra Satkorlak	Interview (Medan)	HA/SW
Maj. Gen. David Morrison	Australian Defence Force	Interview (Canberra)	HA
Col. David Scott	Australian Defence Force	Interview (Canberra)	HA
Garry Dunbar	AUSAID	Interview (Canberra)	HA
Geraldine Gibson	MOD, Singapore	Interview (Canberra)	HA
Takahiro Araki	MOD, Japan	Interview (Tokyo)	HA
Maj Fujio Ueda	MOD, Japan	Interview (Tokyo)	HA
Masayuki Ichihara	JICA, Japan	Interview (Tokyo)	HA
Hitoshi Otomo	JICA, Japan	Interview (Tokyo)	HA
Brig. Gen. Tan Chuan Jin, Commander (Meulaboh), Operation Flying Eagle	Singapore Armed Forces	Interview (Singapore)	HA
Col. Tay Boon Kai, Commander (Banda Aceh), Operation Flying Eagle	Singapore Armed Forces	Interview (Singapore)	HA
Brig. Gen. Goh Kee Nguan, Contingent Commander and Assistant Combined Task Force Commander	Singapore Armed Forces	Interview (Singapore)	HA
Thomas M. Dolan, Senior Regional Director	USAID, USA	Interview (Geneva)	HA
Oliver Lacey-Hall	Head, UNDP	Questionnaire	HA

Case study: Pakistan

Name	Affiliation	Response type	Researcher
Hamid Ahmad Malik, Technical Adviser, Gender, (formerly UNDP)	Establishment Division, Cabinet Secretariat, Government of Pakistan	Interview (Islamabad)	TR
Brig. Akhtar Javaid Warraich, DG TRC, Head of Logistics (formerly Logistic Coordinator, FRC)	ERRA	Interview (Islamabad)	TR
		Interview (Islamabad)	TR/SW

Name	Affiliation	Response type	Researcher
Lt Gen. Nadeem Ahmed, Deputy Chairman,	ERRA	Interview (Islamabad)	TR
Khadija Khan, Knowledge Management	ERRA	Interview (Islamabad)	TR
		Interview (Islamabad)	TR/SW
Andrew MacLeod, Senior Adviser UN Resident Coordinator's Office, and Senior Adviser Deputy Chairman's Office	ERRA/UN Resident Coordinator's Office	Interview (Islamabad)	TR
		Interview (Islamabad)	TR/SW
Lt Col. Ali Haider, Military Attaché to Deputy Chair	ERRA	Interview (Islamabad)	TR/SW
Maj Gen (retd.) Abdul Qadir Usmani, Director (formerly Vice Principal Army Medical College	Human Organ and Tissue Transplant Commission	Interview (Islamabad)	TR/SW
Lt Gen. (retd) Farooq Ahmad Khan, Chairman, Prime Minister's Inspectors Commission, (formerly Head of FRC)	NDMA	Interview (Geneva) Interview (Islamabad)	TR/JL TR/SW
Brig. Kamran Shariff, Response Adviser	NDMA	Interview (Islamabad)	TR/SW
Maj. Gen. Mohammed Yousaf, Vice Chief of the General Staff (formerly Director-General Military Operations)	Pakistan Army	Interview (Islamabad)	TR/SW
Maj. Gen. Nasser, Director- General Military Operations, (formerly Director, Military Operations)	Pakistan Army	Interview (Islamabad)	TR/SW
Maj. Gen. Javed Aslam Tahir, General Officer Commanding	Pakistan Army Aviation	Interview (Islamabad)	TR/SW
Nancy Foster, First Secretary (Development)	High Commission of Canada to Pakistan	Interview (Islamabad)	TR
Olivier Landour, Counsellor	French Permanent Mission to NATO, Brussels	Interview (Brussels)	TR
Satoru Nishikawa, Director for Disaster Preparedness	JICA, Japan	Interview (Geneva)	TR
Bjorn Johannessen, Senior Adviser	Ministry of Foreign Affairs, Norway	Interview (Geneva)	TR
Fredrik Arthur	Norwegian Permanent Mission to the UN/ World Trade Organization	Interview (Geneva)	TR

Name	Affiliation	Response type	Researcher
Katy Atfield, Senior Civil Military Adviser	DfID	Interview (London)	TR
James Perry	Foreign and Commonwealth Office, UK	Interview (London)	TR
Jeremy Birkbeck, Policy Adviser	Directorate of Joint Commitments, MOD, UK	Interview (London)	TR
AVM Walton, Deputy Chief of Joint Operations (Operational Support), (formerly Military Commander for NATO disaster relief operations)	Permanent Joint Headquarters, MOD, UK	Interview (London)	TR
Dr Roger Hutton, Head	Directorate of Joint Commitments, MOD, UK	Interview (London)	TR
Wg Comd. Hamish Cormack, SO1 Joint AIR CBT SPT (also Humanitarian and Disaster Relief Operations)	Development, Concepts and Doctrine Centre, Shrivenham, MOD, UK	Interview (London)	TR
Maj. Damian Gartland	Joint CIMIC Group, UK	Interview (London)	TR
Rex Amos	British Permanent Mission to NATO	Interview (Brussels)	TR
Penny Satches, Emergency Manager	US Permanent Mission to NATO	Interview (Brussels)	TR
Sebastian Rhodes Stampa,	CMCS, OCHA Regional Office for Asia and the Pacific	Interview (Islamabad)	TR
Stefano Santamato, Staff Officer	Civil Emergency Planning, Operations Division, NATO	Interview (Brussels)	TR
Günter Bretschneider	Euro-Atlantic Disaster Response Coordination Centre, NATO	Interview (Brussels)	TR
Amb. Maurits R Jochems, Deputy Assistant Secretary General Planning	Euro-Atlantic Disaster Response Coordination Centre, NATO	Interview (Brussels)	TR
Simone de Manso, Press Office	Press and Media Section, NATO	Interview (Brussels)	TR

* = respondent was a member of the Advisory Group for this study.

Bakornas = National Coordinating Body for Disaster Management; CENOE = National Emergency Operations Centre (Mozambique); CIMIC = civil-military cooperation; CMCS = Civil-Military Coordination Section; DfID = Department for International Development; ERRA = Earthquake Reconstruction and Rehabilitation Authority (Pakistan); FRC = Federal Relief Commission (Pakistan); HA = Hassan Ahmad; INGC = National Disaster Management Institute (Mozambique); JICA = Japan International Cooperation Agency; JL = Josefine Löfgren; JYH = Dr Jean-Yves Haine; MFA = Ministry of Foreign Affairs; MOD = Ministry of Defence; NDMA = National Disaster Management Authority (Indonesia); Satkorlak = Provincial disaster management office (Indonesia); SW = Sharon Wiharta; TR = Tim Randall

Annex F

Questionnaires used in the study

The three questionnaires below were designed for data gathering for this study. Information about how they were used is given in chapter 1. The explanation of military assets sectors given as appendix 2 of the first questionnaire below was also sent with the other questionnaires.



**Stockholm International
Peace Research Institute**
Provider questionnaire (trend analysis)

Questionnaire

1. General questions

- What is the standard operating procedure for decision-making regarding military assets? When was it adopted?
- Is there any type of interdepartmental/agency MOU regarding the use of military assets in natural disasters?
- What do you define as the immediate disaster relief phase?
- Do/Did the Oslo Guidelines inform the decision making process?
- Do you usually conduct your own needs assessment and impact evaluation?
- Do you generally await a specific request, or do you proactively offer assistance to the stricken country?
- What are your impressions of the role played by the UN Office for the Coordination of Humanitarian Affairs?
- What are the main changes you have noticed in the provision of military assets in natural disasters over the last ten years?
- To which rapid-onset natural disasters has your government contributed military assets since 1998? (See appendix 1 for a list for of disasters. Please also mention any rapid-onset natural disasters to which your government responded that are not on the list).

2. Disaster specific questions

For each natural disaster to which your government contributed military assets, could you please answer the following questions (if required, see appendix 3 for response sheet):

- Were the assets provided bilaterally or through an international agency? Please specify each case if possible.
- For each case, what military assets were provided? Please specify quantities. (Appendix 2 outlines the specifics of each of the below areas).

<input type="checkbox"/> Communications	<input type="checkbox"/> Search & rescue
<input type="checkbox"/> Engineering	<input type="checkbox"/> Transport/Logistics – Air
<input type="checkbox"/> Medical support	<input type="checkbox"/> Transport/Logistics – Road/Rail
<input type="checkbox"/> Military coordination	<input type="checkbox"/> Transport/Logistics – Sea/Inland water
<input type="checkbox"/> Power supply & distribution	<input type="checkbox"/> Water & sanitation
- Did you offer or provide any assets that were not requested?
- Were any of the assets you offered rejected?
- What was the estimated total cost of the military assets you provided in each case? Please specify whether total or marginal costs. (Marginal costs defined as the net additional costs that would not have been incurred had the activity/operation not taken place) From which departmental budget do the funds come?



**Stockholm International
Peace Research Institute**
Provider questionnaire (trend analysis)

Appendix 1 – List of disasters (by country) occurring between 1997-2006 with minimum 500 fatalities and 75,000 affected.

Country	Year	Disaster type	No killed	No affected	Estimated Cost US\$
Afghanistan	1998 (May)	Earthquake	4,700	116,935	1,650,000,000
Afghanistan	2002 (Mar)	Earthquake	1,000	91,228	No figures
Algeria	2003 (May)	Earthquake	2,266	210,621	5,000,000,000
Bangladesh	2004 (Jun/Aug)	Flood/Flash flood	730	36,000,000	2,200,000,000
Colombia	1999 (Jan)	Earthquake	1,186	1,205,933	1,857,366,000
El Salvador	2001 (Jan)	Earthquake	844	1,334,529	1,500,000,000
Guatemala	2005 (Oct)	Wind Storm/ Hurricane Stan	1,513	475,314	988,300,000
Haiti	2004 (Sep)	Wind Storm/ Hurricane Jeanne	2,754	315,594	21,000,000
Honduras	1998 (Oct/Nov)	Wind Storm/ Hurricane Mitch	14,600	2,112,000	379,360,000
Indonesia	2004 (Dec)	Wave/Tsunami	165,708	532,898	4,451,600,000
Indonesia	2006 (May)	Earthquake	5,778	3,177,923	3,100,000,000
Kenya	1999 (Jun)	Epidemic/Malaria	563	306,352	No figures
Mexico	1999 (Sep/Oct)	Flood	636	616,060	451,300,000
Mozambique	2000 (Jan/Mar)	Flood	800	4,500,000	419,200,000
Nicaragua	1998 (Oct/Nov)	Wind Storm/ Hurricane Mitch	3,332	868,228	987,700,000
Pakistan	2005 (Feb)	Earthquake	73,338	5,128,000	5,200,000,000
Pakistan	2005 (Feb)	Flood	520	7,000,450	50,000,000
Pakistan	2005 (Oct)	Earthquake	73,338	5,128,000	5,200,000,000
Philippines	2004 (Nov)	Wind Storm/ Tropical storm Winnie	1,619	881,023	78,200,000
Philippines	2006 (Nov)	Wind Storm/Typhoon	1,399	2,562,517	66,400,000
Somalia	1997 (Oct/Nov)	Flood	2,311	1,230,000	No figures
Sri Lanka	2004 (Dec)	Wave/Tsunami	35,399	1,019,306	1,316,500,000
Taiwan	1999 (Sep)	Earthquake	2,264	108,664	14,100,000,000
Turkey	1999 (Aug)	Earthquake	17,127	1,358,953	8,500,000,000
Turkey	1999 (Nov)	Earthquake	845	224,948	1,000,000,000
United States	2005 (Aug/Sep)	Wind Storm/ Hurricane Katrina	1,833	500,000	125,000,000,000
Venezuela	1999 (Dec)	Flood	30,000	483,635	3,160,000,000
Viet Nam	1997 (Nov)	Wind Storm/ Typhoon Linda	3,682	1,084,809	200,000,000
Viet Nam	1999 (Oct/Nov)	Flood	622	3,504,412	237,000,000
Zaire/Congo Dem Rep	2002 (Dec)	Epidemic/Resp influenza	2,000	500,000	No figures

Source: EM-DAT: The OFDA/CRED International Disaster Database www.em-dat.net - Université Catholique de Louvain - Brussels - Belgium



**Stockholm International
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Provider questionnaire (trend analysis)

Appendix 2 – Military Assets: sectors explained

- **Communications**
Cable communications, Satellite communications, Signal communications
- **Engineering**
Bridge construction, Engineer contract management, Field engineers, Road/Airfield construction, Site construction/preparation
- **Medical support**
Field hospital, Medical evacuation and transport
- **Power supply & distribution**
- **Search & rescue**
Aircraft for search and rescue operations, Boats/Ships for search and rescue operations, Fire fighting, Rescue operations, Search operations
- **Transport/Logistics/Coordination – Air**
Airfield control, Airport ground handling, Fixed wing strategic airlift, Fixed wing/helicopter theatre airlift, Flight operation
- **Transport/Logistics/Coordination – Road/Rail**
Cargo road transport, Personnel transport, Rail operations, Transport for liaison and assessment
- **Transport/Logistics/Coordination – Sea/Inland water**
Seaport operations, Transport ships
- **Water & sanitation**
Latrine construction, Solid waste management, Vector control, Wastewater system, Borehole drilling, Hydrogeological survey, Water storage/distribution, Water transportation, Water treatment



Request for military assets

- Was the request for military assets formulated in general or specific terms?
- If the request was specific, what military assets were requested?
 - Communications
 - Engineering
 - Logistics
 - Medical support
 - Military coordination
 - Power supply & distribution
 - Search & rescue
 - Transport – Air
 - Transport – Road/Rail
 - Transport – Sea/Inland water
 - Water & sanitation
- Did the request come through international agencies (please specify agency) or bilaterally?
- How soon after the onset of the disaster was the request received?
- Did you conduct our own needs assessment?

Decision-making process

- What is the standard operating procedure for decision-making regarding military assets? Was it applied to these specific cases?
- Is there any type of interdepartmental/agency MOU regarding the use of military assets in natural disasters?
- Do/Did the Oslo Guidelines inform the decision making process?

Delivery & Offers

- What types of military assets were provided? Please specify types and quantity.
 - Communications
 - Engineering
 - Logistics
 - Medical support
 - Military coordination
 - Power supply & distribution
 - Search & rescue
 - Transport – Air
 - Transport – Road/Rail
 - Transport – Sea/Inland water
 - Water & sanitation
- How were the assets channeled – bilaterally or through an international agency?
- How soon after onset of disaster were the assets in place?
- For how long were these assets deployed/used (please define your understanding of the immediate disaster relief phase)?
- Did you offer or provide any assets that were not requested? What?
- Did you offer any type of military assets that were rejected? What, why?
- Were you unable to provide any requested assets? What, why?



**Stockholm International
Peace Research Institute**

Provider questionnaire (case studies)

Costs

- What was the estimated cost of the military assets you provided during the immediate relief phase? Please specify if total or marginal costs. (Marginal costs defined as the net additional costs which would not have been incurred had the activity/operation not taken place).
- From which departmental budget/s did the funds come?
- Which agency was responsible for assessing the costs and account for the bill?

Cooperation/Coordination & Effectiveness

- Were there any mechanisms in place for cooperating and/or coordinating your efforts with other provider countries, international agencies or the recipient country?
- If so, how effective do you think this cooperation was?
- Do you think the supply of military assets matched demand on-site?
- How do you evaluate the contribution made by your assets?
- Were any post-action assessment reports produced? Lessons learned?



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Questions for recipient countries

Request

- What are your criteria for requesting international military assets?
- What are your main reasons for choosing to request military rather than civilian assets?
- Did the Oslo Guidelines inform the process?
- What international military assets did you request?
 - Communications
 - Power supply
 - Engineering
 - Medical support
 - Water & sanitation
 - Search & rescue
 - Transport/Logistics – Air
 - Transport/Logistics – Road/Rail
 - Transport/Logistics – Sea/Inland water
- Did you make the request bilaterally (please specify countries) or through an international agency (please specify agency/agencies)?

Assets received

- What military assets did you receive?
 - Communications
 - Electricity
 - Engineering
 - Medical support
 - Water & sanitation
 - Search & rescue
 - Transport – Air
 - Transport – Road/Rail
 - Transport – Sea/Inland water
- Did you receive these assets bilaterally (please specify countries) or through international agencies (please specify agency)?
- Were there any assets that you requested, but did not receive? What? Reasons given?
- Did you reject any specific offers of military assets? What, why and from whom?

Costs & Timeline

- How soon after the disaster struck did you request assistance involving international military assets?
- How soon after the request was made were the assets a) offered b) in place?
- Were you aware of any international requests for military assets (e.g. through OCHA)? Were you kept informed of progress and responses?
- What is your definition of the immediate disaster relief phase?
- What is your figure for the total cost of military assets during the immediate relief phase and as an estimated percentage of the entire disaster response costs?
- Who paid for the military assets received?



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Questions for recipient countries

Coordination & Effectiveness

- Was your government involved in any coordinating efforts with the provider countries and/or international agencies? Which government agency is responsible/in charge of this?
- Were the military assets that were made available during the initial response appropriate and suitable (timing, efficiency, function)?
- Any observations of negative unintended effects/consequences of using international military assets?
- What is your perception of the main advantages and overall contribution of international military assets in the disaster response efforts in this case?
- Did you carry out any post-event evaluation or report regarding the use of international military assets?

About the authors

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