

Final report



International Federation
of Red Cross and Red Crescent Societies

Sudan: Khartoum State Floods

Final report

Emergency appeal n° MDRSD007

GLIDE n° FL-2009-000166-SDN

23 April 2010

Period covered by this Final Report: 26 September to 25 March 2010

Appeal target (current): CHF 1,950,241 (USD 1,893,438 or EUR 1,291,550)

Appeal coverage: 12% from Canadian, Finnish, Japanese, Monaco and Netherlands Red Cross Societies, online donations, and World Health Organization Voluntary Emergency Relief; additional Disaster Relief Emergency Fund (DREF) loan of CHF 244,663 brings the appeal coverage to 25% before DREF repayment. [<click here to go directly to the final financial report or here to view the contact details>](#)

Appeal history:

- This [Emergency Appeal](#) was initially launched on 17 September 2009 for CHF 1,950,241 (USD 1,893,438 or EUR 1,291,550) for 5 months to assist 50,000 beneficiaries.
- **Disaster Relief Emergency Fund:** CHF 244,663 was initially allocated from the Federation's DREF to support the National Society to respond. The DREF was intended to kick-start the response activities and support comprehensive assessments to determine the extent and magnitude of the damage and to support relief as required in the affected communities. The findings of the assessment formed the basis of the Emergency Appeal.

Summary: On 26 August 2009 heavy rains, which lasted for a couple of days, were experienced in Khartoum affecting about 22,291 households. Following the rains the Sudanese Red Crescent Society (SRCS), deployed its emergency response teams and conducted flood damage assessments in the affected areas in and around Khartoum. The National Society provided humanitarian assistance in vector control, water purification, emergency health services and distribution of relief items. These interventions reduced the incidences of disease outbreaks and/or health emergencies, most of the households affected by the floods have recovered from the impacts of the floods and livelihoods have been restored.

This operation was conducted in collaboration with the Sudanese Government, Movement Partners including the Canadian, Finnish, Japanese, Monaco and Netherlands Red Cross Societies as well as the World Health Organization Voluntary Emergency Relief.

Lesson learned

- Volunteer services are required in a well functioning society.
- Proper coordination of activities facilitates proper project management.
- Coordination with key stakeholders is necessary part of project management as this reduces gaps in project management.
- Community leader's involvement is an important part of project programming as this promotes community ownership.

The situation

Flooding continuous to be a major challenge in Sudan, as was experienced in 2007 and 2009, many households have been left vulnerable, however construction of houses continuous in areas that were previously affected by floods. The situation has greatly improved as the rainy season is over and the environmental conditions have improved significantly.

A total of 12,000 households benefited from activities carried out by the National Society. Beneficiaries received emergency relief (shelter and relief items) and emergency health care. In addition, water purification was done and sanitation facilities built. The SRCS actions ensured that those affected had a basic minimum needs to protect their life, health and dignity.

Coordination and partnerships

The SRCS has formed a Floods Task Force (FTF) to mobilize resources and coordinate response activities. The FTF was composed of key National Society staff and representatives of the IFRC delegation. The SRCS drafted a plan of action to deal with immediate needs which was shared with Movement Partners. The SRCS state branch emergency teams conducted initial joint assessment in Khartoum with partners from national and international non-governmental organizations (NGOs) coordinated by Humanitarian Aid Commission (HAC).

The Swiss, Netherlands, German, Austrian, and Danish Red Cross Societies as well as the International Committee of the Red Cross (ICRC) participated in the Movement coordination meetings and SRCS provided updates on the situation.

Red Cross and Red Crescent action

Achievements against objectives

Overview

The SRCS mobilized over 420 volunteers, members and staff to cover the needs in the target areas in Khartoum. The main activities of SRCS were in vector control, covering pools of stagnant water and awareness in water purification. In addition, volunteers conducted health promotion sessions on prevention, risk reduction and control of communicable diseases such as malaria, acute watery diarrhoea and dermatitis. Information, education and communication (IEC) materials were used to enable the SRCS volunteers to conduct effective health education sessions during the awareness campaigns. A total of 120 sessions on ORS demonstration and preparation were conducted at household levels. SRCS Khartoum State mobilized volunteers in the following 5 areas:

1. Alfateh
2. Umdurman
3. Umbada
4. Soba
5. Alrashid (Jebal Awlia)

In addition to the 3,000 households targeted for distribution in this appeal, the SRCS has also distributed in kind donated relief items from the following partners:

- ICRC - blankets, plastic sheets, cooking utensils, jerry cans and clothes distributed to 3,000 families in Soba Hila and Ed Babiker.
- United Nations Joint Logistics Centre (UNJLC) - blankets, plastic sheets and jerry cans were distributed to 6,000 families in Soba Aradi.
- Chinese Embassy – blankets and mosquito nets were distributed to 1,500 families in Elfateh Block 3.
- Emarat Embassy - blankets, mosquito nets and soap were distributed to 1,000 families.

Relief distributions (basic non-food items)

Objective: To distribute non-food items to an additional 3,000 affected households (15,000 beneficiaries) to meet immediate emergency needs.

Expected results	Activities planned
<ul style="list-style-type: none"> 3,000 households receive essential household items for immediate needs. Vulnerability of the targeted population is reduced. 	<ul style="list-style-type: none"> Procure and transport relief items to affected communities that have not received relief intervention. Mobilize SRCS volunteers and distribute 3,000 plastic sheets, 9,000 blankets, 6,000 jerry cans, 6,000 sleeping mats and 3,000 cooking sets to the target beneficiaries. Assist the SRCS branch to further improve its procurement practices, management of warehouses and distribution structure with technical support from the national headquarters.

Impact

Non-food items were distributed in Alfateh (Kerrari locality) to 1,800 families and in Alrashid (Jabal Awlia) to 1,200 families, with participation of 420 volunteers in the different areas (see table 1 below). Reduced incidences of malaria were reported.

Table 1: Non-food items distributed to affected families in Kerrari and Jabal Awlia areas

Affected areas	Locality	Items distributed		
		Plastic sheets	Mosquito nets	Soap (kg)
Kerrari	Alfateh (block 1,2,3)	1,800	3,600	6,000
Jabal Awlia	Alrashid	1,200	2,400	5,250
Total		3,000	6,000	11,250

Emergency health and care

Objective: To contribute to improvement of health situation for 10,000 affected households by providing preventive and curative services in affected areas of Suba Aradi and Alfateh.	
Expected results	Activities planned
<ul style="list-style-type: none"> Targeted 10,000 affected households have access to and benefit from basic health care services. Threat of potential epidemic diseases among affected households reduced. 	<ul style="list-style-type: none"> Establish and support 5 mobile health clinics in affected areas of Khartoum State. Mobilize 40 volunteers to conduct health promotion sessions on prevention, risk reduction and control of common diseases of epidemic potential such as malaria, acute watery diarrhoea and dermatitis. Provide information, education and communication (IEC) materials to enable the SRCS volunteers to conduct effective health education and promotion. Procure 10 emergency health kits for mobile clinics. Procure and provide logistics support and essential equipments (medical equipments) for the mobile clinics. Mobilize and second 15 medical personnel from Ministry of Health (MoH) for mobile clinics. Establish 5 oral rehydration salt (ORS) preparation and demonstration centres. Distribute 10,000 ORS sachets to people suffering from diarrhoea. Conduct 60 (4 per month for each ORS centre) awareness sessions on advantages of ORS and demonstrations on ORS preparation (home made).

Impact

- The mobile clinic served about 10,000 people with the support of 40 SRCS volunteers and seconded staff from the Ministry of Health (MoH).
- Health education sessions were conducted by the volunteers covering topics related to potential outbreaks of diseases such as malaria and diarrhoea.
- Proper use of mosquito nets was also emphasised as a means of preventing malaria.

Water, sanitation and hygiene promotion

Objective: To improve and provide access to safe drinking water, sanitation facilities and its proper use by the affected population.

Expected results	Activities planned
<ul style="list-style-type: none"> Access to safe drinking water is increased and secured for 7,500 households. The threat of vector and water borne diseases reduced. Increased awareness of safe hygiene and sanitation practices. 	<ul style="list-style-type: none"> Train and mobilize 80 volunteers on water hygiene, and vector control in affected areas of Khartoum State and involve them in various hygiene promotion activities. Distribute 20,000 kgs of soap for the most affected households. Conduct 40 health awareness sessions in affected communities and promote safe hygiene and sanitation practices. Distribute 7,500,000 aqua tablets for safe household water treatment. Organize 12 regular garbage clean-up efforts in the affected areas by the community and volunteers. Provision of safe drinking water through 3 bladders in Suba Aradi and rehabilitation of 36 hand pump in Mayo. Procure spraying equipment and tools (4 fogging machines). Provide and use information, education and communication (IEC) materials for education sessions (posters and leaflets). Conduct 4 emergency participatory hygiene and sanitation transformation in Emergency Response (PHASTER) sessions (25 participants each) on disease prevention as well as safe use of water and sanitation facilities in the target communities. Mobilize 240 volunteers for 12 environmental sanitation campaigns (insecticide spraying and waste disposal management) in the affected areas. Monitor the prevalence of water and vector borne diseases. Construction of 20 communal latrines in affected areas of Mayo and Alfateh.

Impact

- The SRCS Khartoum Branch mobilized 150 volunteers who conducted health promotion sessions on prevention, risk reduction and control of communicable diseases such as malaria, acute watery diarrhoea and dermatitis.
- A total of 7,200 beneficiaries benefited from vector control activities, 6,100 benefited from clean up campaigns in addition to 6,600 home visits.
- IEC materials developed by SRCS were used by volunteers to conduct effective health education sessions during awareness campaigns. A total of 120 sessions on ORS demonstration and preparation were conducted at household levels.
- A total of 20,000 kgs of soap were distributed to the most vulnerable in Elfatih area for 4,000 families.
- Spraying activities were conducted in Kerrari and Jabal Awlia to 665 households.
- A total of 7 garbage collections centres were established in Soba.

Table 2: Beneficiaries of water, sanitation and hygiene promotion activities.

No.	Activity	Target area	number	description	No. of volunteers
1	Vector control (spraying)	Alfateh	4,606	homes	60
		Soba	3,200	homes	80
		Alshigla	563	homes	40
2	Covering pools of stagnant water	Alfateh	21	Pools	60
		Alshigla	3	Pools	40
3	Awareness and health education in water purification	Soba	11	Sessions	20
		Alfateh	9	Sessions	15
4	Draining of stagnant water	Soba	4	Pools	20
		Alfateh	9	Pools	66

Enhancing the capacity of the National Society

Objective: To enhance the operational capacity of SRCS to respond to potential future disasters throughout Sudan.	
Expected results	Activities planned
<ul style="list-style-type: none"> • Increased number of volunteers and staff well trained in health in emergencies and ready to reduce the risks and respond to any health emergencies. • Volunteers are well trained in community-based first aid (CBFA) and ready to carry out First Aid activities. • First Aid kits available to be used during health emergencies. • The capacity of the SRCS staff and volunteers to organise disaster response increased. • In-country, stocks of emergency non-food items to enable the SRCS to respond timely to future needs pre- 	<ul style="list-style-type: none"> • Train 50 Sudanese Red Crescent Society volunteers and staff members on public health in emergencies. • Conduct 12 training workshops (comprising 25 participants each) on community-based First Aid. • Procure vital response resources, including two emergency vehicles, VHF radio communications equipment, and First Aid kits. • Pre-position disaster preparedness stocks – tents, tarpaulins, blankets, and jerry cans, cooking sets, mosquito nets, sleeping mats and soap for 2,000 households.

Impact

The SRCS procured VHF radio communications equipment which contributed to better communication between field teams and headquarters, and this facilitated quick information sharing between SRCS disaster responders.

[<Final financial report below and contact details below; click here to return to the title page>](#)

How we work

All International Federation assistance seeks to adhere to the [Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations \(NGO's\) in Disaster Relief](#) and is committed to the [Humanitarian Charter and Minimum Standards in Disaster Response \(Sphere\)](#) in delivering assistance to the most vulnerable.

The International Federation's vision is to inspire, encourage, facilitate and promote at all times all forms of humanitarian activities by National Societies, with a view to preventing and alleviating human suffering, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

The International Federation's work is guided by [Strategy 2020](#) which puts forward three strategic aims:

1. Save lives, protect livelihoods, and strengthen recovery from disaster and crises.
2. Enable healthy and safe living.
3. Promote social inclusion and a culture of non-violence and peace.

Contact information

For further information specifically related to this operation please contact:

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International Federation of Red Cross and Red Crescent Societies

MDRSD007 - Sudan - Khartoum State Floods

Final Financial Report

Selected Parameters	
Reporting Timeframe	2009/9-2010/3
Budget Timeframe	2009/9-2010/2
Appeal	MDRSD007
Budget	APPEAL

All figures are in Swiss Francs (CHF)

I. Consolidated Response to Appeal

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
A. Budget	1,950,241					1,950,241
B. Opening Balance	0					0
Income						
<u>Cash contributions</u>						
<i>Canadian Red Cross</i>	47,742					47,742
<i>Finnish Red Cross</i>	45,551					45,551
<i>Japanese Red Cross</i>	64,400					64,400
<i>Monaco Red Cross</i>	22,669					22,669
<i>Netherlands Red Cross (from Netherlands RC Silent Emergency Fund)</i>	52,838					52,838
<i>On Line donations</i>	858					858
<i>VERF/WHO Voluntary Emergency Relief</i>	2,000					2,000
C1. Cash contributions	236,058					236,058
<u>Other Income</u>						
<i>Voluntary Income</i>	244,663					244,663
C6. Other Income	244,663					244,663
C. Total Income = SUM(C1..C6)	480,721					480,721
D. Total Funding = B + C	480,721					480,721
Appeal Coverage	25%					25%

II. Balance of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
B. Opening Balance	0					0
C. Income	480,721					480,721
E. Expenditure	-480,986					-480,986
F. Closing Balance = (B + C + E)	-265					-265

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III. Budget Analysis / Breakdown of Expenditure

Account Groups	Budget	Expenditure					TOTAL	Variance
		Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination		
A		B					A - B	
BUDGET (C)		1,950,241					1,950,241	
Supplies								
Shelter - Relief	479,000	60,871					60,871	418,129
Clothing & textiles	170,000	203,262					203,262	-33,262
Water & Sanitation	486,900							486,900
Medical & First Aid	32,200	1,441					1,441	30,759
Utensils & Tools	125,000							125,000
Other Supplies & Services		45,911					45,911	-45,911
Total Supplies	1,293,100	311,484					311,484	981,616
Land, vehicles & equipment								
Vehicles	72,500							72,500
Computers & Telecom	17,625	12,275					12,275	5,350
Office/Household Furniture & Equipm.	5,000							5,000
Total Land, vehicles & equipment	95,125	12,275					12,275	82,850
Transport & Storage								
Storage	10,000	5,406					5,406	4,594
Distribution & Monitoring	17,000							17,000
Transport & Vehicle Costs	46,000	47,958					47,958	-1,958
Total Transport & Storage	73,000	53,364					53,364	19,636
Personnel								
International Staff		790					790	-790
National Staff	274,850	4,241					4,241	270,609
National Society Staff		25,633					25,633	-25,633
Total Personnel	274,850	30,663					30,663	244,187
Workshops & Training								
Workshops & Training	44,400							44,400
Total Workshops & Training	44,400							44,400
General Expenditure								
Travel		8,299					8,299	-8,299
Information & Public Relation	23,000	23,555					23,555	-555
Office Costs	5,000	3,886					3,886	1,114
Communications	15,000	4,061					4,061	10,939
Financial Charges		14					14	-14
Other General Expenses		1,853					1,853	-1,853
Total General Expenditure	43,000	41,667					41,667	1,333
Programme Support								
Program Support	126,766	31,533					31,533	95,233
Total Programme Support	126,766	31,533					31,533	95,233
TOTAL EXPENDITURE (D)	1,950,241	480,986					480,986	1,469,255
VARIANCE (C - D)		1,469,255					1,469,255	