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Emergency Plan of Action (EPoA) Sudan: Floods

 International Federation
of Red Cross and Red Crescent Societies

Emergency Appeal n° MDRSD025	Glide n° FL-2017-000088-SDN
Date of Issue: 12 th August 2017	Date of Disaster: August 2017
Operations Manager (responsible for this EPoA) Abebayehu Haile Tesema, Operations Manager, IFRC Sudan Delegation	Point of contact (name and Title) Osman Gafer Abdalla, Secretary General Sudanese Red Crescent Society (SRCS).
Operation Start Date: 27 August 2017	Expected Time Frame: 3 months (End Date 6 December 2017)
Overall Appeal budget: CHF 347,251	
Total number of people affected: Nearly 70,535 persons/ 14,000 HHs in the states of Khartoum, Northern State, Sennar, Kassala, River Nile, Kassala, Gezira, West Kordofan, White Nile	Number of people to be assisted: 10,000 persons (2,000 households) in three states (Northern, Khartoum and River Nile State)
Host National Society(ies) presence (n° of volunteers, staff, branches): Over 364 volunteers were mobilized by the National Society in responding to the floods in 8 branches. This operation will provide assistance (Northern, Khartoum and River Nile) with participation of three branches and 364 volunteers.	
Red Cross Red Crescent Movement partners actively involved in the operation: IFRC, ICRC, Danish Red cross, Switzerland Red Cross, Netherlands Red Cross, Qatar Red Crescent, Saudi Arabia Red crescent	
Other partner organizations actively involved in the operation:) Sudan's Civil Defense authority, Flood Task Force (FTF), Humanitarian Aid Commission (HAC state authorities, government ministries (Ministry of Health, Ministry of Water Resources, and others), local organizations, UN agencies (UNHCR, OCHA) and others.	

A. Situation analysis

Description of the disaster

The start of the rainy season in mid-June 2017 has brought more challenges with flash floods recently affecting over **70,535** people across 8 states of Sudan, causing destruction of houses, latrines, schools and key infrastructure such as roads and bridges. To date, more than **14,000 households** have been affected in the states of **Khartoum, Northern State, Sennar, Kassala, River Nile, Kassala, Gezira, West Kordofan, White Nile** according to the rapid assessment reports of the Sudanese Red Crescent Society branches.



Picture 1. SRCS volunteer's assessment and respond to flash floods in White Nile. SRCS August 2017.

At least **25 people** are reported to have been killed and **112 injured** across Sudan since the start of heavy rains at the mid of June. Over 8,120 houses are reported to have been destroyed, with over **5,987** houses partially damaged and **2,868** latrines damaged and 30 public institutions, mostly schools, have been affected. (please refer to Table 1 below for more details).

According to Sudan's civil defence authority¹, they have announced on 27th of August,2017 that a significant rise in the water levels of Nile River, urging citizens living in the islands and along the river to take extra precautions. As per the authority's statement release "the levels of Blue Nile River at Al-Daim station on the border with Ethiopia registered a significant rise of 60 cm, reaching 12.84 meters". The authority warned that the Nile levels might further rise in the coming days, saying that "the Inter Tropical Convergence Zone is still on the far north with expected rain falling.". Sudanese Meteorological Authority have also reported that rains were expected in the Red Sea State, the southern parts of Northern State, Kassala, Gedarif, Khartoum, Gezira and Sinnar States in addition to Darfur, Kordofan and Blue Nile States.

SRCS have conducted a rapid assessment following the flash flood in all affected states with registration of the damages and people in conducting evacuation of high risk community members.

Thus, this DREF request is launched to enable IFRC to support SRCS in its emergency response. The DREF is targeting **three states** affected by the current flash floods, mainly **Northern, Khartoum and River Nile States** which were not covered under the ongoing. Based on the assessments, the interventions focus on emergency needs on Emergency Shelter and NFIs, Health and Care, and Water and Sanitation. The activities will target the most affected people of the flood disaster focusing on **2,000 households** (10,000 people) around 78% of the affected population (12,765 people) in the three states.

¹ http://news.xinhuanet.com/english/2017-08/28/c_136559900.htm

Table 1: Extent of damage (July 6-August 28,2017) Source: SRCS

Affected State	Houses damaged		Institutions		Latrines	Other Damage		Human effect		No of HHs affected	No of people affected
	Completely	Partially	Completely	partially		Animals lost	Crops (fadan)	Injured	Death		
Elgazira	78	599	0	0	709	0	0	3	9	677	3,385
Sennar	1,215	1,075	10	0	354	42	0	25	1	2,290	11,450
West Kordofan	1,680	1,020	0	0	168	0	0	0	0	2,700	13,500
Kassala	2,068	0	0	1	0	7	20	1	0	2,068	10,340
White Nile	2,518	1,301	6	0	1,105	23	95,000	0	4	3,819	19,095
Khartoum	370	1,262	0	0	0	0	0	0	10	1,632	8,160
River Nile	97	215	3	2	160		8	2	1	312	1,560
Northern Sudan	94	515	2	5	372	0	0	81	0	609	3,045
Grand Total	8,120	5,987	21	8	2,868	72	95,028	112	25	14,107	70,535

The following states are targeted under this EPoA (DREF)

Since the 11th of August 2017, **Northern, Khartoum and River Nile states** have been affected by heavy rains, floods and flash floods followed by heavy winds in localities of Halfa, Dalgo and Marawie that led to collapse and destruction of **561 houses, 12 institutions, 2 health centers** and loss of properties in addition to **83** persons injured and 11 reported dead. In addition, 59 persons were bitten by scorpions. (Table 2).

Summary of the current response

Overview of Host National Society

The SRCS have mobilized over 364 volunteers and activated its Emergency Operation Centres/Rooms at headquarter and branch levels. The SRCS has been actively collaborating with governmental and non-governmental organizations from the onset of the emergency to provide assistance to the affected HHs. The SRCS is seeking IFRCs DREF resource which is complementary to the ongoing in-country resource mobilization efforts.

The following summarizes the SRCS services provided to the affected population in the period of July- August 2017:

Initial response (Emergency shelter and basic non-food items)

From the central stocks and floods appeal 2016, the SRCS has provided emergency shelter (tarpaulins) and basic non-food items (NFIs), including blankets, Empty Sacks, kitchen sets, mosquito nets, and jerry cans, to 9,495 people/1899 households in the affected states (Sinner, White Nile). The table below reflects the items distributed in the affected areas with support of UNCHR and DRC.

Table 3: SRCS response to flood affected people from its preparedness stock and other bilateral supports.; Source: SRCS

States	Empty Sacks	Kitchen Utensils	Sleeping Mats	Empty Jerry cans	Mosquito Nets	Blankets	Tarpaulins	Hoe	Spade	Benefited HHs	Benefited people	Donor/supported by
Senner	1000	500	1399	1399	1798	1798	399	100	100	899	4,495	SRCS
White Nile	0	1000	300	1000	300	300	1000	0	0	1000	5,000	DRC/UNHCR
Elgazira	4000	-	-	-	-	-	-	0	0	0	0	0
Total	5,000	1500	1699	2399	2098	2098	1399	100	100	1899	9,495	0

Other actions taken by SRCS

SRCS branches have mobilized volunteers of their areas with preparedness and emergency respond teams, to help citizens affected by the flood in discharging water from their homes, rescuing and conducting first aid services. Alongside their response, volunteers were conducting assessments and registration of damages and affected communities in the area for further response.

SRCS - State Branch's interventions:

- Distribution (5,000) empty sacks (for dykes' barricades).
- (364) volunteers mobilized for assessment, search and rescue support, discharge of water from flooded areas, first aid, psychosocial support, rapid assessments and registration of losses and damage to houses and public properties.
- SRCS HQ from own stock (flood appeal 2016) supported 500 households with NFIs in Sinner State (500 kitchen sets, 1,000 blankets, 1,000 sleeping mats, 1,000 mosquito nets, 1000 jerry cans.
- Initial primarily rapid assessment conducted by SRCS volunteers;364 volunteers are involved (EAT, NDRT, DBM, BDRT)..
- Health: SRCS volunteers provided First Aid service to the affected people, rescue and injured evacuation, provide psycho-social support and first aid services to the affected population.
- Activated the emergency operation rooms at its headquarters and States level.
- SRCS held meetings with various stakeholders at national and state level to discuss response plan.
- Hygiene promotion and vector control, health education, environmental protection, cleaning campaigns.

Emergency health and WASH

The National Society health volunteers are also carrying out cleaning campaigns and vector control activities in the affected states.

The SRCS is coordinating their activities with respective governmental and non-governmental actors at state and national levels through the established coordination mechanisms, including through the Floods Technical Committee of Humanitarian Aid Commission (HAC), sector clusters, Flood Task Force, and other fora. The National Society is also sharing information with the in-country partner national societies (PNSs) on a regular

basis through its Central Emergency Operation Room. The SRCS continues to assess and monitor the situation, while providing services to the affected population with available in-country resources.

Overview of Red Cross Red Crescent Movement in country

The IFRC Representation in Sudan continues providing coordination and facilitation within the members with an interest in supporting the humanitarian efforts of the SRCS through various levels of coordination including bilateral and multilateral meetings with the movement partners.

The IFRC Country Representative and SRCS attends regular United Nations (UN) led coordination meetings as appropriate and applicable. This includes participation in the Humanitarian Coordination Team (HCT), security, health and logistics sector meetings. In addition, the IFRC Representative holds bilateral discussions with foreign missions and other non-movement related key partners, including specialized UN agencies as part of information sharing, coordination mechanisms and forming partnership for support.

In operational aspects, the IFRC has been supporting the SRCS Directorate of Programs and Disaster Management Department with coordination, information consolidation, reporting, resource mobilization and other technical support. IFRC will continue to provide technical inputs in planning and implementation, and undertake monitoring and evaluation of the operation. IFRC, through a DREF operation, will support SRCS in their immediate emergency response to the needs of the flood-affected people.

The Partner National Societies (PNS) working with presence in Sudan include Danish Red Cross, German Red Cross, Netherland Red Cross, Saudi Arabia Red Crescent, Spanish Red Cross, Swedish Red Cross, Swiss Red Cross and Qatar Red Crescent. The PNSs have been regularly updated on the SRCS floods response activities through the Emergency Operation Meetings at the SRCS headquarters Central Emergency Room.

Movement Coordination

SRCS, IFRC and PNSs participate in regular emergency operation meetings. All issues, including potential bilateral and multilateral actions, are discussed. Information sharing and coordination is also taking place on a regional level. There is a Movement cooperation agreement in place between ICRC, IFRC and SRCS.

Overview of non-RCRC actors in country

Humanitarian actors continue to provide assistance to people affected by floods in Sudan. The coordination is taking place through the FTF (led by HAC and the United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA) and respective sector clusters (Health, WASH, ES/NFI, and others).

Needs analysis, beneficiary selection, risk assessment and scenario planning

Needs analysis

According to SRCS branches rapid assessment, from 5 July 2017 up to 20 August 2017, the heavy rain have affected 8 states, and the most affected area includes Elgazira , Sennar, West Kordofan ,Kassala ,White Nile, and Khartoum States. As of today, 6,685 houses completely damaged, 5,257 houses partially damaged, 16 public institutions completely collapsed, 65 animals lost washed-out, 2336 latrines collapsed, 95,020 fadans of crops is damaged, 28

people injured and 10 people registered dead. Total of houses damaged 14,107 and people affected 70,535.

The rapid assessment team has also expressed its concern on the expected rise of damages hence the torrential rains in neighboring Ethiopia have swollen the Nile river, which flows into Sudan. Khartoum is braced for "massive floods" along the Nile as the river's water levels hit one hundred-year highs. On 21nd of August the Ministry of and Irrigation² also warned the communities in Khartoum living along the river Nile to exercise caution with heavy flooding expected over the coming weeks.

The SRCS branch office have reported that un addressed needs remain in the affected areas, particularly in the states of Northern, Khartoum and River Nile. These three states are among the worst-hit areas, with over **12765** individuals affected by the floods which constitute about 20 per cent of the total 70,535 affected population (Table 1). The states continue to receive heavy rains and floods, with the recent floods experienced in end of August in Northern State localities and Khartoum.

Table 4: Damages of current flash floods in Northern, Khartoum and River Nile states. **Source: SRCS state branches**

Affected States	Human Losses		Houses Damaged		Institutions Damaged	Latrines Damaged	Other Damages		No of HHs affected	No of people affected
	Injured	Death	Completely	Partially			Death of Animals	Crops		
Northern	81	0	94	515	7	372	0	0	609	3,045
Khartoum	0	10	370	1,262	0	0	0	0	1,632	8,160
River Nile	2	1	97	215	5	160	0	8	312	1,560
Total	83	11	561	1,992	12	532	0	8	2,553	12,765

Due to the flash floods in the past couple of weeks, many homes were destroyed, HH items and assets were washed away. The need for tarpaulins, mosquito nets, and jerry cans have not been fully met to date as the numbers of the affected people continue to increase with the anticipation of more rains in the coming months in these states.

Provision of assistance in this area will ensure that targeted beneficiaries, whose homes and assets have been seriously damaged or destroyed by the floods, have access to basic shelter, NFIs provided with protection from diseases, privacy and dignity. While the MoH has been coordinating the provision of emergency health services to the affected population in the three target states through existing health facilities, the importance of continuation of community health education through HH visits and community campaigns has been emphasized for the prevention of waterborne diseases. Hygiene promotion activities will improve and promote health seeking behavior changes, while vector control activities will prevent diseases outbreaks, such as malaria and diarrhea.

The proposed activities in this operation are designed to complement the ongoing response activities to cover the existing gaps in emergency shelter/NFIs, health education and environmental sanitation in the most-affected areas of the three target states.

² <http://www.ibtimes.co.uk/sudan-braced-massive-floods-nile-levels-hit-one-hundred-year-highs-1636107>

Risk Assessment

A robust monitoring and reporting system will be employed to track the outputs and outcomes of interventions. The regular monitoring will inform of any further revision needed in terms of timeframe and coverage. The operation will be regularly monitored by technical and management staff from SRCS headquarters and IFRC office with field visits.

B. Operational strategy and plan

Overall objective

This DREF operation will deliver emergency assistance and humanitarian relief to 2,000 flood-affected HHs in the states of **Khartoum, River Nile and Northern** States. In total, 2,000 affected HHs will be reached through this DREF-supported operation. In addition to providing NFIs, the National Society will carry out hygiene awareness and sanitation campaigns.

Beneficiary selection

In the three target states, targeted 2,000 HHs will receive assistance through this DREF operation. SRCS will ensure consideration and attention is provided to the most vulnerable individuals, including child headed HHs, the chronically ill, elderly, lactating and pregnant women, and persons living with disabilities.

Table 5: Estimated number of beneficiaries

Affected state	No. of target beneficiaries
Khartoum	1390 HHs
River Nile	210 HHs
Northern State	400 HHs
Total	2,000 HHs

The DREF operation will adhere to international standards, such as: Principles and Rules of the RC/RC Movement Disaster Relief, Disaster Response Standard Operating Procedures, the [Sphere Project](#): Humanitarian Charter and Minimum Standards in Humanitarian Response, the [Code of Conduct](#) for the International Red Cross and Red Crescent Movement and NGOs in Disaster Relief, SRCS strategy and policy and will be adherent to the Red Cross Red Crescent Fundamental Principles.

The following components will be part of the emergency DREF operation:

1. Emergency Shelter/ Non-food Items:

- Procurement and distribution of relief items for 2,000 HHs/10,000 people
- Mobilize 30 SRCS volunteers to carry out relief operations.
- Registration and verification of the targeted beneficiaries.
- Procure and distribute tarpaulins (2 per HH), bamboo, blankets (2 per HH), mosquito nets (2 per HH), jerry cans (2 per HH), kitchen set (1per HH),
- Monitor and evaluate relief activities and provide reports on relief distribution.

2. Health and care:

- Mobilization of 30 volunteers for health and hygiene campaigns
- Procure and distribute First Aid kits.

3. Water and sanitation:

- Conduct 27 Hygiene Awareness Campaigns in 3 States (3 per state for 3 Month)
- Provide and distribute 2000 Hygiene Kit.
- Mobilize 90 SRCS WASH Volunteers (30 in each of the 3 States).
- Provide Materials and construct 200 Emergency Latrines.
- Conduct 3 HHWT refresher trainings.
- Provide and distribute for 1 Month 600,000 chlorine tabs 33 mg (60 carton each 10,000 tabs).
- In coordination with Village Leaders conduct 3000 home visits in targeted 3 States.
- Provide tools, chemicals and conduct 18 cleaning, and Spraying Campaigns in the 3 targeted States (2 per Month for 3 Months).
- Monitor the sanitation activities and water treatment activities in the targeted communities

Operational support services

Human Resources

SRCS will mobilize 390 volunteers for the implementation of this emergency operation in the three target states (as described below). SRCS HQ and IFRC staff will provide support to the SRCS branches and the volunteers.

The operation will involve one month RDRT deployment to support the overall operations management.

Table 6: Mobilization of volunteers

Affected States	Relief volunteers for ES/NFI distributions	Health volunteers	WASH volunteers
Khartoum	10	10	30
River Nile	10	10	30
Northern State	10	10	30
Total	30	30	90

Logistics and supply chain

Logistic activities aim to effectively manage the supply chain, including, procurement, customs clearance, fleet, storage and transport to distribution sites in accordance with the operation's requirements and aligned to IFRC's logistics standards, processes and procedures. Replenishment of DP stock items under this operation will be done through Africa Region IFRC logistics and any local procurement will be carried out by SRCS. IFRC in country logistics team will work closely with the LPSCM in Nairobi to ensure adherence and compliance.

Quick links

- [Emergency Items Catalogue 2009](#)
- [Logistics Standards Online](#)
- [Procurement Portal](#)

Information technologies (IT)

SRCS will use available IT technology to maintain communication with the branches during the operation.

Communications

IFRC regional office will support the IFRC Country office and SRCS with communication and advocacy activities for the emergency operation. IFRC Web site stories and Africa region website recently established.

Publications will be shared both locally and internationally on different platforms including [Facebook](#) and [Twitter](#). Information will be continuously shared with the IFRC Zone office for further dissemination with partners and donors, including articles and photos to be posted on Newswire and the IFRC Eastern and Indian Ocean Islands Round up.

Security

SRCS will work closely and coordinate with HAC, local authorities, and other partners to ensure access and security for volunteers, supervisors, monitors, and staff. The SRSC will update its personnel and IFRC personnel about the security environment on a regular basis, and ensure that adequate safety and security as well as contingency plans are in place. The

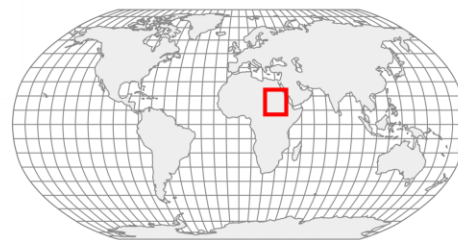
D. Budget

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Budget Group	Multilateral Response	Inter-Agency Shelter Coord.	Bilateral Response	Appeal Budget CHF
500 Shelter - Relief	72,000			72,000
510 Clothing & Textiles	38,000			38,000
530 Water, Sanitation & Hygiene	36,840			36,840
540 Medical & First Aid	31,260			31,260
560 Ustensils & Tools	48,000			48,000
Total RELIEF ITEMS, CONSTRUCTION AND SUPPLIES	226,100	0	0	226,100
581 Vehicles Purchase	0			0
Total LAND, VEHICLES AND EQUIPMENT	0	0	0	0
590 Storage, Warehousing	0			
592 Distribution & Monitoring	23,500			23,500
593 Transport & Vehicle Costs	7,200			7,200
Total LOGISTICS, TRANSPORT AND STORAGE	30,700	0	0	30,700
600 International Staff	15,000			15,000
662 National Society Staff	0			0
667 Volunteers	13,350			13,350
Total PERSONNEL	28,350	0	0	28,350
680 Workshops & Training	22,500			22,500
Total WORKSHOP & TRAINING	22,500	0	0	22,500
700 Travel	3,000			3,000
710 Information & Public Relations	0			0
730 Office Costs	14,907			14,907
740 Communications	500			500
760 Financial Charges	0			0
790 Other General Expenses	0			0
799 Shared Support Services	0			0
Total GENERAL EXPENDITURES	18,407	0	0	18,407
599 Programme and Supplementary Services Recovery	21,194			21,194
Total INDIRECT COSTS	21,194	0	0	21,194
TOTAL BUDGET	347,251	0	0	347,251
Available Resources				
Multilateral Contributions	0			0
TOTAL AVAILABLE RESOURCES	0	0	0	0
NET EMERGENCY APPEAL NEEDS	347,251	0	0	347,251

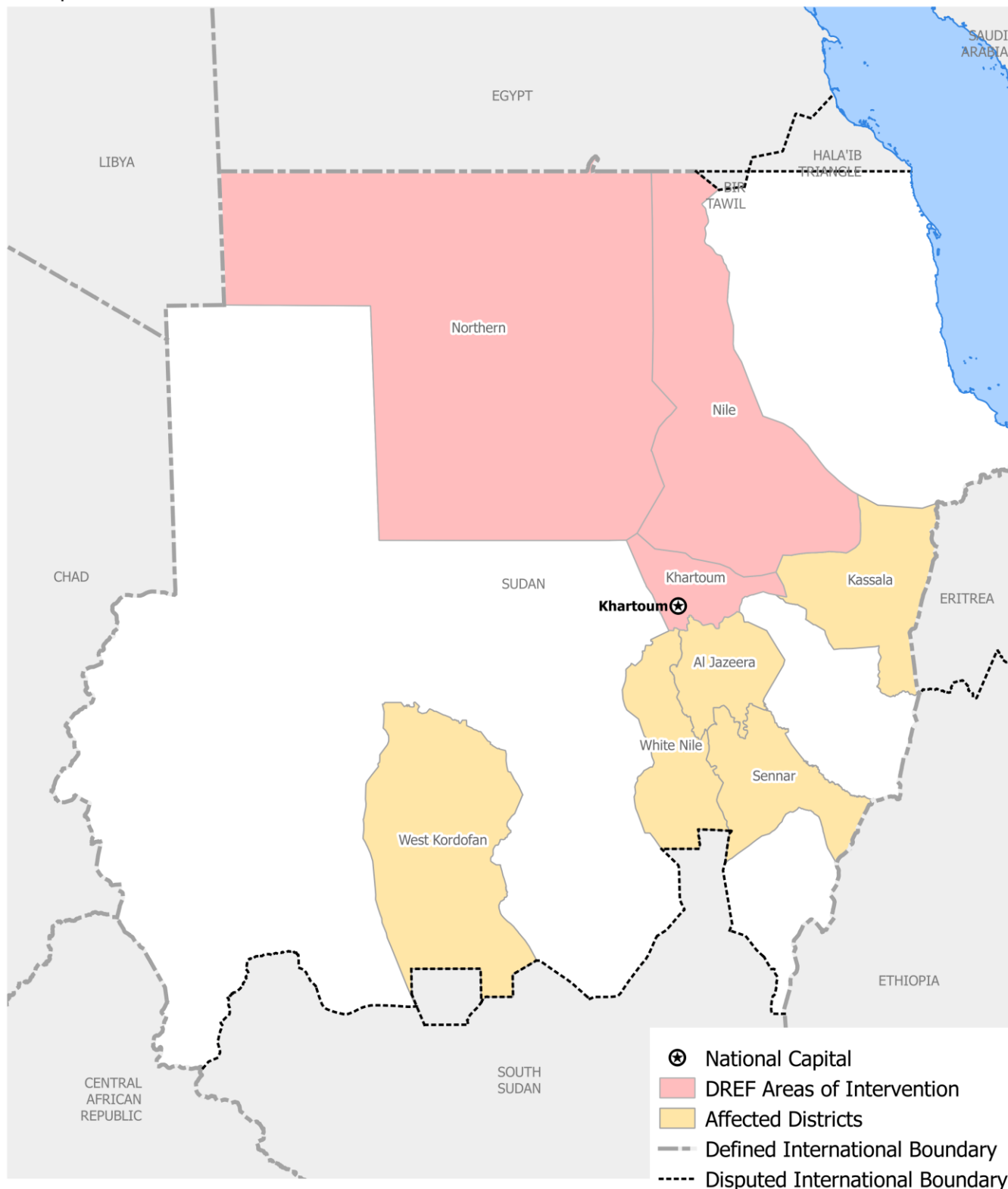


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 Map data sources: OCHA, GADM, ICRC, IFRC

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How we work

All IFRC 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 the **Humanitarian Charter and Minimum Standards in Humanitarian Response (Sphere)** in delivering assistance to the most vulnerable. The IFRC'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 IFRC's work is guided by Strategy 2020 which puts forward three strategic aims:



Save lives.
protect livelihoods,
and strengthen recovery
from disaster and crises.



Enable **healthy**
and **safe** living.



Promote **social inclusion**
and a culture of
non-violence and peace.