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Emergency appeal operation update

Democratic People's Republic of Korea (DPRK): Floods

 International Federation
of Red Cross and Red Crescent Societies

Emergency appeal n° MDRKP003 GLIDE n° [FL-2011-000096-PRK](#) Operation update n° 4 – Consolidated three-month report 16 February 2012

Period covered by this operation update:
19 Aug 2011 – 5 Jan 2012.

Appeal target (current): This Emergency Appeal seeks CHF 3.49 million in cash, kind, or services to support the DPRK Red Cross Society (DPRK RCS) to assist 30,000 flood-affected people for 12 months, and will be completed by 31 August 2012. A Final Report will be made available by 30 November 2012.



Food distribution site in Kalsan-ri, Chongdan county, south Hwanghae province. Photo : Kamal Niraula/ IFRC

Appeal coverage: 69%; additional funds are urgently needed to meet the needs outlined in this appeal.
<[click here to go directly to the interim financial report](#), or [here to link to contact details](#) >

Appeal history:

- This Emergency Appeal was initially launched on 19 August 2011 for CHF 3.49 million for 12 months to assist 30,000 beneficiaries.
- CHF 453,413 was initially allocated from the Federation's disaster relief emergency fund (DREF) to support the national society to respond to this emergency.

Summary:

Consecutive flood events caused by heavy rainfall and strong winds, including typhoon Muifa, destroyed or severely damaged over 9,500 houses, rendering more than 25,000 people homeless between 23 June and 9 August 2011, according to data provided by the DPRK government. Official government statistics indicate that 61 people lost their lives, with seven others missing. A total of 4,401 houses were completely destroyed and 4,052 houses severely damaged in Hwanghae province alone, forcing people to live outside their dwellings.

IFRC launched the Emergency Appeal in August 2011 to assist 30,000 flood-affected people (up to 7,500 families) in Chongdan, Yonan and Pongchon counties, south Hwanghae province in the following sectors: relief distribution of food and non-food items, shelter, health and care, and water and sanitation.

DPRK RCS has established offices in Chongdan, Yonan and Pongchon counties, south Hwanghae province. These offices ensure good and efficient working conditions for the officials who are mobilized in the ongoing implementation of the emergency appeal related work on the flood damage by the DPRK RCS and IFRC country office.

In response to the disaster, the DPRK Red Cross distributed relief items such as 6,876 emergency relief kits, including family hygiene kits and water purification tablets, to 6,876 flood-affected families who lost their homes and belongings. DPRK RCS also distributed 288 metric tonnes of maize to the most vulnerable 6,051 families (24,827 people) who were severely affected by flood and subsequent food shortages in 23 communities of Chongdan, Yonan and Pongchon counties in south Hwanghae province.

Meanwhile, the Academy of Science has upgraded the house design in line with the National Standard Construction Curriculum and Guidelines of the DPRK and prepared the technical guidelines for the entire house construction process. A total of 1,000 copies of the house construction manual was printed out and distributed to the builders.

The essential house construction materials: 8,280 metric tonnes of cement, 180 metric tonnes of steel bars and 4,080 m³ of timber have been delivered to 10 communities in early December 2011. The concrete work will restart in March 2012 due to the winter season.

DPRK RCS also organized the household doctor's training in this reporting period for 30 doctors who are working at the flood affected communities to increase their professional knowledge on basic health services in emergency. The procurement for nine household doctors' kits is in process.

The detailed design of the water supply and sanitation systems for ten flood affected communities has been completed. The water and sanitation technical workshop took place with the participation of 35 WatSan local technicians. The construction materials for the water supply system and waste water collection system such as cement and steel bars have been delivered to the target communities. The pipes, fittings and pump sets will arrive in January 2012.

The situation

The overall rice harvest in the country is reasonably good this year despite the damages caused by floods, according to FAO report which was published in November. Government support was focused on the re-establishment of basic infrastructure such as roads and bridges. The displaced families have been either sharing with neighbors, taking refuge in public buildings or living in the remnants of the collapsed buildings. Despite this, the prospect of re-construction is not imminent in the near future.

Meanwhile, the temperature in DPRK is going down and the first frost has started, and as a result, the displaced families are at greater risk of exposure to the cold weather. As the temperature drops, more people will face additional health challenges, especially respiratory diseases, therefore, the health and hygiene training to volunteers is expected to contribute to address this issue.

Coordination and partnerships

IFRC continues to participate in humanitarian country team meetings. Information sharing and co-ordination with other partners in the response is on-going. In addition, the IFRC co-chairs the water and sanitation, and hygiene (WASH) cluster.

Red Cross and Red Crescent action

Overview

After receiving information on flood damage, DPRK RCS immediately dispatched the rapid assessment teams to flood stricken areas and conducted damage and need assessment together with the county and provincial Red Cross branches as well as local authorities. The rapid assessment teams confirmed the findings collected by the branches.

Reports from the affected areas showed that all the Red Cross county branches activated their early warning systems, alerting the population of the upcoming rains, based on data provided by the county meteorological bureaus.

DPRK RCS and IFRC distributed prepositioned relief items to 6,876 families (up to 29,933 people), who lost their dwellings and properties due to the floods from late June to the end of July. Around 890 Red Cross volunteers were mobilized in the distribution and monitoring of relief items.

Activity	Number of volunteers
<i>Distribution and monitoring of relief items</i>	890
<i>Early warning and evacuation</i>	2,960
<i>First aid</i>	160
<i>Food distribution</i>	350
<i>Hygiene promotion</i>	800

During the floods, a total of 2,960 Red Cross volunteers were mobilized to help evacuate 42,379 people to the nearest community evacuation centres; 160 volunteers delivered first aid services; and 800 volunteers are conducting hygiene promotion to the affected population. Up to 5,000 hygiene promotion leaflets were distributed.

In addition, 350 volunteers help the distribution of 288 metric tonnes of maize to 6,051 of the most vulnerable families (24,827 people) who were severely affected by the floods.

Meanwhile, the procurement of food, core shelter construction materials like timber, cement, iron bar etc. have been completed. Taking into consideration the funding situation, the original target of 1,000 shelters is being revised to 600.

Progress towards outcomes

Relief distributions (food and basic non-food items)	
Outcome: To provide 6,000 affected and displaced families (approximately 24,000 individuals) in three counties in south Hwanghae, with essential food and non-food items to meet their immediate needs.	
Outputs (expected results)	Activities planned
To provide emergency food to 6,000 families (24,000 beneficiaries) who are most vulnerable to food insecurity as the result of the floods	<ul style="list-style-type: none"> - Select 6,000 families (24,000 beneficiaries) in critical food situation, focusing on the most vulnerable like children under five years old, pregnant and lactating women and aged people - Train 120 volunteers in food distribution procedures and monitoring and evaluation - Mobilize 300 Red Cross volunteers to register target beneficiaries in close coordination with local authorities - Conduct distribution of emergency food rations (400 grams per beneficiary per day) to 24,000 people for two months in Chongdan, Yonan and Pongchon counties, specifically those who are not covered by current WFP food assistance - Monitor and evaluate the distribution and impact while carrying out continued assessment
To replenish 3,100 family relief kits already distributed to flood victims, and improve the DPRK Red Cross response capacity	<ul style="list-style-type: none"> - Monitor the distribution and perform on-going assessment - Procure and replenish 3,100 family kits of relief items - Conduct lessons learned and review workshops in south Hwanghae and Kaesong city (60 staff and volunteers)

Progress:

A total of 288 metric tons of maize arrived at Haeju Port in south Hwanghae province on 2 December 2011 and was distributed to 6,051 flood affected families (24,827 people) in 23 communities of the three target counties. . Food distribution points were identified by DPRK RCS provincial branches where the people can easily access. The DPRK RCS disaster management director, supported by IFRC's disaster management delegate, jointly monitored the food distribution at the several points and interviewed the beneficiaries.

Relief items were distributed to 6,876 flood-affected families (29,933 people) in south Hwanghae, north Hwanghae and south Hamgyong provinces. In the three counties targeted for this appeal, 4,018 families (17,891 people) were reached with relief items. Around 2,700 volunteers were mobilized in the registration of affected families and distribution of relief items.

Procurement of 5,000 blankets is underway by the Finnish Red Cross which is in line with the replenishment plan in the appeal. These will arrive in Pyongyang in February, 2012.

The Red Crescent Society of the Islamic Republic of Iran has expressed its intention to provide support in kind, with food valued at USD 50,000, 1,000 tents, 2,000 blankets and 2,500 first aid kits.



Monitoring the arrival of cement for the construction of the houses at the flood affected communities in south Hwanghae province at the Haeju port by DPRK RCS and IFRC representatives on 29 November. Photo : DPRK RCS.

Permanent housing	
Outcome: To provide good quality construction materials and technical support for the reconstruction of 1,000 flood-resistant houses in Chongdan, Yonan and Pongchon counties in south Hwanghae province.	
Outputs (expected results)	Activities planned

<p>5,000 families will have safer dwellings through provision of quality construction materials and technical support by professionals</p>	<ul style="list-style-type: none"> - Select 1,000 most vulnerable families in the worst affected areas of Chongdan, Yonan, Pongchon counties in south Hwanghae province. - Support the owner driven construction of flood-proof houses through the distribution of quality construction materials - Design new houses in accordance with government building code for flood-resistant dwellings, in close collaboration with appropriate design institutes and the state academy of science. - Develop and distribute proper construction practise manual and IEC material - Train 120 volunteers on safer shelter building skills so they can provide proper guidance and technical assistance to the disaster victims in the construction of their houses. - Develop and organise workshops to inform the communities/beneficiaries about proper construction practices. - Monitoring of on-going construction by municipal supervisors - Ensure newly built houses have access to safe water and latrines.
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Progress:

With technical support from State Academy of Science, DPRK RCS conducted shelter skill training between 11-14 October for 65 technicians from ten flood affected communities. During the training the local technicians gave their feedback to make shelter design more culturally acceptable, environment friendly and contributing to improved livelihood (e.g. providing enough space for kitchen garden etc.). Issues were raised as to how to make houses well insulated from severe cold as well. Taking into account these feedbacks, the Academy of Science has upgraded the house design in line with the National Standard Construction Curriculum and Guidelines of DPRK and prepared the technical guidelines for entire house construction process. A total of 1,000 copies of the house construction manual were printed and distributed to the builders to assure the quality of houses.



DPRK Red Cross and IFRC representatives monitor the house construction process in Yonan county, South Hwanghae province. Photo: DPRK RCS.

Considering the insufficient appeal coverage, the number of beneficiary families for housing will be reduced to 600 families. The essential house construction materials such as 8,280 metric tonnes of cement, 180 metric tonnes of steel bars and 4,080 m³ of timber were delivered to ten communities in early December 2011.

With the support of the local authority, the target communities started the construction of flood resistant houses. Their efforts were hampered by severe winter conditions, preventing them to continue the construction work. DPRK RCS and local authorities decided to stop the construction work and ensure that the delivered construction materials are properly stored at suitable warehouses during the winter season. The house construction will resume from early March, 2012.

Challenge:

The harsh winter has increased the vulnerability of the flood affected people, specifically those who lost their houses due to the floods. The local Red Cross branch is trying to take measures to address their needs in collaboration with the local authorities and community people.

Emergency health and care	
Outcome: The health risks among 30,000 flood-affected people in Chongdan, Yonan and Pongchon counties in South Hwanghae province will be reduced.	
Outputs (expected results)	Activities planned
Improved knowledge and practices of the population on the prevention and care of diseases related to floods.	<ul style="list-style-type: none"> - Train 50 Red Cross CBHFA trainers, focusing on psychological support and prevention of waterborne and water-related disease and ARI, jointly with the WatSan team. - Train 150 community-based volunteers on health promotion with a special focus on epidemic control - Conduct disease prevention and health promotion campaigns targeting flood-affected population for 4 months.

	<ul style="list-style-type: none"> - Train 30 household doctors with special focus on mother and child care in emergencies. - 200 copies of volunteers CBHFA tool kit printed and distributed - Provide household doctors with ri-kits and midwifery kits.
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Progress:

DPRK RCS organized a training for 30 household doctors on 25 – 26 Oct and 28 Nov to 3 Dec, 2011 in Haeju city, south Hwanghae province to increase the capacity, availability and quality of basic health services in flood affected areas. The training also improved the professional knowledge of these health workers on basic health care, especially in safe motherhood, case management, and disease control and prevention. Household doctor training packages were printed to further help the participants in their studies, while nine ri- and midwifery kits are being procured to support household doctors in the delivery of health services.



A household doctor shares a point on basic health services in emergency situations. Photo: DPRK RCS.

Together with Red Cross volunteers, the trained household doctors have conducted CBHFA/hygiene promotion activities that reached more than 5,280 community people.

Challenge

Due to the low coverage of the appeal, a recent operations review decided not to pursue the printing of CBHFA toolkit and considering the hygiene promotion materials have already been produced.

Water, sanitation, and hygiene promotion	
Outcome: The risk of water and sanitation related diseases has been reduced through the provision of safe water, appropriate sanitation as well as hygiene promotion to up to 60,000 beneficiaries in Chongdan, Yonan and Pongchon counties in south Hwanghae province.	
Outputs (expected results)	Activities planned
Safe water is provided to the 5 worst affected communities through reconstruction of damaged water supply systems.	<ul style="list-style-type: none"> - Select 5 of the worst affected project communities in Chongdan, Yonan, Pongchon counties in south Hwanghae province where water supply systems are not properly functioning due to the floods. The total number of household benefiting from that program will be about 2,500. - This will include the 1,000 most vulnerable families in the 5 selected communities, selected for the shelter program. - Distribute water purification tablets to 2,000 households for an additional 2 months - Distribute 1,000 household water filters to be used until water supply systems are restored. - Distribution of 1,6 kg of body and washing soap to 1,000 households for 2 months - Complete a detailed design for the reconstruction of water supply systems based on the detailed field survey. - Procure and deliver necessary construction materials (cement and reinforcement steel bars, pipes and fittings, pumps sets, equipment and instrument) to 5 communities. - Complete reconstruction of the water supply systems in accordance with government standards - Conduct two three-day water and sanitation technical workshops and five two-day on-the-spot water and sanitation technical workshops to train 150 volunteers on the construction, operation, and maintenance of water and sanitation facilities in the target communities. - Print and distribute 150 water and sanitation technical manuals (IEC pack) to the community technicians - Monitor and evaluate the process of rehabilitation of water supply systems by the DPRK Red Cross.
Appropriate household latrines and waste water collection facilities are provided to the 1,000 most vulnerable families in	<ul style="list-style-type: none"> - Prepare appropriate designs of latrine and waste water collection systems according to the local and cultural context. - Procure and deliver necessary construction materials (cement and

Water, sanitation, and hygiene promotion

the 5 selected communities.	reinforcement steel bars) to the communities to reconstruct latrines and wastewater collection systems. - Monitor and evaluate the process.
The health status of the population is improved through behaviour change and hygiene promotion activities.	- Conduct training of trainers for 50 persons in hygiene promotion. - Conduct training of volunteers for 150 volunteers in hygiene promotion. This will, in turn, reach 60,000 beneficiaries. - Print and distribute 200 packages of information, education and communication materials on hygiene promotion to be used in the health promotion campaign. - Conduct household level monitoring

Progress:

A total of 100 packages of information, education and communication materials on hygiene promotion and 75 water and sanitation technical manuals have been printed and distributed to community people and technicians.

DPRK RCS has conducted the health and hygiene promotion workshop on 24 – 26 August 2011 to strengthen hygiene promotion at the flood affected communities in Yonan, Chongdan and Pongchon counties. 60 Red Cross volunteers participated in this workshop.

The water and sanitation technical workshop took place on 1 – 3 November 2011 with the participation of 35 water and sanitation local technicians.



A Red Cross volunteer explains the transmission routes of disease in emergencies to participants.
Photo: DPRK RCS.

Through the detailed survey, the DPRK RCS has completed the designs and cost estimation of construction and rehabilitation of water supply systems for the ten most flood affected communities.

The construction materials for the water supply system and waste water collection system like cement and steel bars have been delivered to the target communities. The water and sanitation systems will be constructed in 600 newly built houses and neighbouring houses. The pipes, fittings and pump sets will arrive in January 2012.

Challenges:

The temperature fell below zero from the second week of December 2011, causing a halt with all concrete work. The DPRK RCS together with relevant RC branches has taken measures to properly keep and maintain the delivered construction materials during the winter season. Construction will resume again in March.

Contact information

For further information specifically related to this operation please contact:

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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 \(NGOs\) in Disaster Relief](#) and the [Humanitarian Charter and Minimum Standards in Disaster 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.

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The IFRC'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.
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MDRKP003 - DPR Korea - Floods

Appeal Launch Date: 19 aug 11

Appeal Timeframe: 01 aug 11 to 31 aug 12

Interim Report

Selected Parameters	
Reporting Timeframe	2011/8-2011/12
Budget Timeframe	2011/8-2012/8
Appeal	MDRKP003
Budget	APPEAL

All figures are in Swiss Francs (CHF)

I. Consolidated Funding

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
A. Budget	3,489,036					3,489,036
B. Opening Balance	0					0
Income						
<u>Cash contributions</u>						
American Red Cross	44,275					44,275
British Red Cross	129,940					129,940
China Red Cross, Hong Kong branch	3,947					3,947
Danish Red Cross (from Danish Government)	150,550					150,550
European Commission - DG ECHO	257,036					257,036
Finnish Red Cross	58,202					58,202
Finnish Red Cross (from Finnish Government)	507,551					507,551
German Red Cross	43,167					43,167
Japanese Red Cross Society	115,200					115,200
Norwegian Red Cross	77,330					77,330
Red Crescent Society of Islamic Republic of Iran	47,165					47,165
Red Cross of Monaco	12,229					12,229
Swedish Red Cross	8,112					8,112
Swedish Red Cross (from Swedish Government)	397,494					397,494
The Canadian Red Cross Society	43,766					43,766
The Canadian Red Cross Society (from Canadian Government)	119,386					119,386
The Netherlands Red Cross (from Netherlands Government)	244,716					244,716
The Netherlands Red Cross (from Netherlands Red Cross Silent Emergency Fund)	57,182					57,182
VERF/WHO Voluntary Emergency Relief	1,000					1,000
C1. Cash contributions	2,318,250					2,318,250
C. Total Income = SUM(C1..C4)	2,318,250					2,318,250
D. Total Funding = B + C	2,318,250					2,318,250
Appeal Coverage	66%					66%

II. Movement of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
B. Opening Balance	0					0
C. Income	2,318,250					2,318,250
E. Expenditure	-1,688,483					-1,688,483
F. Closing Balance = (B + C + E)	629,767					629,767

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III. Consolidated Expenditure vs. Budget

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)		3,489,036					3,489,036	
Relief items, Construction, Supplies								
Shelter - Relief	77,400						77,400	
Construction - Housing		1,343,163				1,343,163	-1,343,163	
Construction Materials	1,695,000						1,695,000	
Clothing & Textiles	174,240						174,240	
Food	288,000	138,427				138,427	149,573	
Water, Sanitation & Hygiene	560,650	24,393				24,393	536,257	
Medical & First Aid	10,800						10,800	
Teaching Materials	43,800	10,703				10,703	33,097	
Utensils & Tools	74,400						74,400	
Other Supplies & Services	41,000						41,000	
Total Relief items, Construction, Suj	2,965,290	1,516,686				1,516,686	1,448,604	
Land, vehicles & equipment								
Computers & Telecom	3,500						3,500	
Total Land, vehicles & equipment	3,500						3,500	
Logistics, Transport & Storage								
Storage		4,904				4,904	-4,904	
Distribution & Monitoring	29,000	9,577				9,577	19,423	
Transport & Vehicles Costs	39,600	955				955	38,645	
Total Logistics, Transport & Storage	68,600	15,435				15,435	53,165	
Personnel								
International Staff	72,000	1,994				1,994	70,006	
National Staff	2,400	1,090				1,090	1,310	
National Society Staff	26,280	3,306				3,306	22,974	
Total Personnel	100,680	6,390				6,390	94,290	
Consultants & Professional Fees								
Consultants	36,000	7,909				7,909	28,091	
Total Consultants & Professional Fe	36,000	7,909				7,909	28,091	
Workshops & Training								
Workshops & Training	84,620	34,643				34,643	49,977	
Total Workshops & Training	84,620	34,643				34,643	49,977	
General Expenditure								
Travel		88				88	-88	
Information & Public Relations	8,600						8,600	
Office Costs	6,400	108				108	6,292	
Communications	2,400						2,400	
Financial Charges		833				833	-833	
Total General Expenditure	17,400	1,029				1,029	16,371	
Indirect Costs								
Programme & Services Support Recov	212,946	102,836				102,836	110,110	
Total Indirect Costs	212,946	102,836				102,836	110,110	
Pledge Specific Costs								
Pledge Earmarking Fee		3,155				3,155	-3,155	
Pledge Reporting Fees		400				400	-400	
Total Pledge Specific Costs		3,555				3,555	-3,555	
TOTAL EXPENDITURE (D)	3,489,036	1,688,483				1,688,483	1,800,553	
VARIANCE (C - D)		1,800,553				1,800,553		