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# Emergency appeal operation update

## Democratic People's Republic of Korea: Floods

 International Federation  
of Red Cross and Red Crescent Societies

### Emergency appeal n° MDRKP003 GLIDE n° FL-2011-000096-PRK Operation update n° 3 8 November 2011

**Period covered by this operation update:**  
24 September – 25 October 2011.

**Appeal target (current):** The Emergency Appeal sought CHF 3.49 million in cash, kind, or services to support the DPRK Red Cross National Society 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.

**Appeal coverage:** 49%; additional funds are urgently needed to meet the needs outlined in this appeal.

[click here](#) to go directly to the updated donor response report, or [here](#) to link to contact details >

#### Appeal history:

- This Emergency Appeal was initially launched on 16 August 2011 for CHF 3.49 million for 12 months to assist 30,000 beneficiaries.
- **Disaster Relief Emergency Fund (DREF):** CHF 453,413 was initially allocated from the Federation's DREF to support the national society to respond to this emergency.



Discussion on design of house with community technicians during the shelter skill workshop in Sojong-ri, Chongdan county, south Hwanghae province. Photo : DPRK Red Cross.

#### Summary:

While the rainy season is over, many people still live under the remnants of their dwellings, often at risk of imminent collapse. A majority of them are staying in public buildings or share houses with neighbours. Others have salvaged some construction materials from the debris and have repaired their houses by themselves. However, as these houses are poorly designed and made of mud and sand, the risk of collapsing remains high. The government is putting efforts in the rehabilitation of public infrastructures and peoples' livelihoods.

The detailed design of the water supply and latrine construction in four flood-affected communities has been completed. The procurement process for pipes and fittings is on-going.

With technical support from the State Academy of Science, a shelter skill workshop was organized, engaging 65 local technicians. The workshop discussed shelter design, the construction process, the role and responsibilities of the Red Cross, local government, local communities and the technicians on the construction process. Local communities have been preparing construction sites.

The procurement process of food, cement and steel bars is underway. Technical approval for the purchase of timber has also been received and a purchase order to the suppliers has already been issued. It is expected that materials will arrive in time for construction to begin in November. Weather conditions should allow

construction activities until mid-December, allowing for the cement work to be completed before the cold makes this unfeasible.

A community-based health and hygiene training was organised engaging 30 volunteers from two flood affected areas. After this workshop, participants are expected to disseminate health/hygiene messages to the local community.

To date, contributions to this appeal have been received from the following: American Red Cross, British Red Cross, Canadian Red Cross, Danish Red Cross/ Danish government, Finnish Red Cross, Hong Kong branch of the Red Cross Society of China, Japanese Red Cross Society, Norwegian Red Cross, Swedish Red Cross/ Swedish government and Netherlands Red Cross/ Netherlands government. Other donors include the European Commission’s Humanitarian Aid & Civil Protection Office (DG ECHO) and private donors. On behalf of DPRK Red Cross, IFRC would like to thank all partners for their response to this appeal.

## The situation

The Food and Agriculture Organization (FAO), together with World Food Programme (WFP), completed an assessment recently to assess overall food situation in DPRK. The report is due to be published in November. According to FAO preliminary findings, the overall rice harvest in the country is positive, despite the damages caused by floods. Government support was focused on the re-establishment of basic infrastructures such as roads and bridges. The displaced families have been either sharing with neighbours, 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. The temperature in DPRK is going down and the first frost has started, therefore, 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 the humanitarian country team meetings. Information sharing and co-ordination with other partners in the response is on-going. In addition, the IFRC is co-chairing the monthly water and sanitation sector meeting to ensure technical coordination.

## Red Cross and Red Crescent action

### Overview

The detailed design and cost estimation of gravity-fed water supply and sanitation systems for four communities in Soa-ri and Chontae-ri (Yonan county), Soksa-ri (Pngchon county) and Kalsan-ri (Chongdan county) is completed, while the procurement process for pipes and fittings is complete in accordance with IFRC standards. The procurement of food, core shelter construction materials like timber, cement, iron bar etc. is underway. All these materials are expected to arrive in the field during the last week of November. Taking into consideration the current funding situation, the original target of 1,000 shelters is being revised to 500.

The East Asia regional office assisted DPRK Red Cross in preparing communication materials related to the national society’s response to the disaster. Click [here](#) for related stories.

### 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"> <li>- 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</li> <li>- Train 120 volunteers in food distribution procedures and monitoring and evaluation</li> <li>- Mobilize 300 Red Cross volunteers to register target beneficiaries in close coordination with local authorities</li> <li>- Conduct distribution of emergency food rations (400 grams per beneficiary per day) to 24,000 people for two months in Chongdan,</li> </ul>

	<p>Yonan and Pongchon counties, specifically those who are not covered by current WFP food assistance</p> <ul style="list-style-type: none"> <li>- Monitor and evaluate the distribution and impact while carrying out continued assessment</li> </ul>
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"> <li>- Monitor the distribution and conduct on-going assessment</li> <li>- Procure and replenish 3,100 family kits of relief items</li> <li>- Conduct lessons learned and review workshops in south Hwanghae and Kaesong city (60 staff and volunteers)</li> </ul>

**Progress:** For food distribution, 6,000 families (up to 24,000 people) who lost food stocks and crops due to the floods and are under severe food shortage condition, have been selected. The priority is given to those most vulnerable; homeless, disabled and large families who are not supported by the WFP emergency food relief operation. The procurement of food items is complete, with delivery and distributions expected to take place by the end of November.

Food distribution points have been identified by the DPRK Red Cross provincial branches, and measures have been taken to avoid duplication with emergency food aid of WFP. The procurement process of food is finalized and the food is expected to arrive in field at the end of November.

### Permanent housing

**Outcome:** To provide good quality construction materials and technical support for the reconstruction of 500 flood-resistant houses in Chongdan, Yonan and Pongchon counties in south Hwanghae province. The initial target of 1,000 houses has been revised down in line with funding received.

Outputs (expected results)	Activities planned
500 families will have safer dwellings through provision of quality construction materials and technical support by professionals	<ul style="list-style-type: none"> <li>- Select 500 most vulnerable families in the worst affected areas of Chongdan, Yonan, Pongchon counties in south Hwanghae province.</li> <li>- Support the owner driven construction of flood-proof houses through the distribution of quality construction materials</li> <li>- 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.</li> <li>- Develop and distribute proper construction practise manual and IEC material</li> <li>- 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.</li> <li>- Develop and organise workshops to inform the communities/beneficiaries about proper construction practices .</li> <li>- Monitoring of on-going construction by municipal supervisors</li> <li>- Ensure newly built houses have access to safe water and latrines.</li> </ul>

### Progress/Challenges:

With technical support from State Academy of Science, a shelter skill workshop was organized between 11-14 October. A total of 65 technicians from flood-affected areas participated the training course. Among others, participants discussed about shelter construction process, the role of the Red Cross, local government, beneficiaries and local technicians in this process. Local technicians gave their feedback to make shelter design more culturally acceptable, environmentally friendly and contribute to improved livelihoods (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. The Academy of Science has come up with a final design in collaboration with the DPRK Red Cross and the IFRC. The participants recommended to print out the technical guidelines for the entire construction process which is in line with the current plan. The training was designed based on National Standard Construction curriculum and guidelines of the DPRK.

The construction manual has been finalized and the 65 local technicians were trained on how to utilize this manual at this stage. At the training workshop feedback was also provided by the community on the house design and methods of construction. Further practical training will be provided once the construction commences.

Considering the low appeal coverage, the number of beneficiary families for shelter will be reduced to about 500 during the first round of implementation.

## 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"> <li>- Train 50 Red Cross CBHFA trainers, focusing on psychological support and prevention of waterborne and water-related disease and ARI, jointly with the water and sanitation team.</li> <li>- Train 150 community-based volunteers on health promotion with a special focus on epidemic control</li> <li>- Conduct disease prevention and health promotion campaigns targeting flood-affected population for 4 months.</li> <li>- Train 30 household doctors with special focus on mother and child care in emergencies.</li> <li>- 200 copies of volunteers CBHFA tool kit printed and distributed</li> <li>- Provide household doctors with ri-kits and midwifery kits.</li> </ul>

### Progress/Challenges:

A community-based health and hygiene training was organized for 30 volunteers from two flood-affected areas, South Hwanghae province and Kaesong municipality. The participants received information, education and communication (IEC) materials which has assisted them in disseminating health messages at the community level. A total of 125 Red Cross volunteers conducted a disease prevention and health promotion campaign in August, which reached over 7,800 people.

The printing of 200 copies of community-based health and first aid (CBHFA) tool kits is in progress. Similarly, household doctor's kits which include midwifery items, have already been ordered.

As the winter season has already started, flood-affected populations, especially children, are at high risk of contracting acute respiratory infections in addition to diseases related to poor environmental sanitation. The national society is expediting health and hygiene trainings and community activities by volunteers, highlighting the delivery of prevention messages.

DPRK Red Cross commenced CBHFA hygiene workshops and household doctor training in late October. The first workshop for 30 CBHFA trainers was conducted in Haeju city, South Hwanghae province. A second training for 20 CBHFA trainers in Kaesong municipality is planned for early November. The CBHFA approach highlighted the psycho-social aspects to first aid delivery to be included in health promotion.

The household doctor training for 30 people started in October in South Hwanghae province. The participants were from the flood-affected communities where IFRC had previously supported health care through the provision of ri clinic medical kits. Phase II of the training will be completed in late November.

## 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"> <li>- 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.</li> <li>- This will include the 1,000 most vulnerable families in the 5 selected communities, selected in for the shelter program.</li> <li>- Distribute water purification tablets to 2,000 households for an additional 2 months</li> <li>- Distribute 1,000 household water filters to be used until water supply systems are restored.</li> <li>- Distribution of 1,6 kg of body and washing soap to 1,000 households for 2 months</li> <li>- Complete a detailed design for the reconstruction of the water supply systems on the detailed field survey.</li> </ul>

## Water, sanitation, and hygiene promotion

	<ul style="list-style-type: none"> <li>- Procure and deliver necessary construction materials (cement and reinforcement steel bars, pipes and fittings, pumps sets, equipment and instrument) to 5 communities.</li> <li>- Complete reconstruction of the water supply systems in accordance with Government standards</li> <li>- 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.</li> <li>- Print and distribute 150 water and sanitation technical manuals (IEC pack) to the community technicians</li> <li>- Monitor and evaluate the process of rehabilitation of water supply systems by DPRK Red Cross.</li> </ul>
Appropriate household latrines and waste water collection facilities are provided to the 1,000 most vulnerable families in the 5 selected communities.	<ul style="list-style-type: none"> <li>- Prepare appropriate designs of latrine and waste water collection systems according to the local and cultural context.</li> <li>- Procure and deliver necessary construction materials (cement and reinforcement steel bar) to the communities to reconstruct latrines and wastewater collection systems.</li> <li>- Monitor and evaluate the process.</li> </ul>
The health status of the population is improved through behaviour change and hygiene promotion activities.	<ul style="list-style-type: none"> <li>- Conduct training of trainers for 50 persons in hygiene promotion.</li> <li>- Conduct training of volunteers for 150 volunteers in hygiene promotion. This will cascade down to 60,000 beneficiaries.</li> <li>- Print and distribute 200 packages of information, education and communication materials on hygiene promotion to be used in the health promotion campaign.</li> <li>- Conduct household level monitoring</li> </ul>

**Progress:** Final design of water supply systems for four communities, namely Soa ri, Chontae ri, Soksa ri and Kalsan ri in Yonan, Pongchon and Chongdan counties, is complete. The procurement of pipes and fittings has started accordingly, while health and hygiene dissemination activities are still in planning stage.

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## Contact information

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