

Emergency appeal



International Federation
of Red Cross and Red Crescent Societies

Costa Rica and Panama: Floods

Emergency appeal n° MDR43005
Glide Nos. FL-2008-000158-PAN
FL-2008-000232-CRI
1 December, 2008

This Preliminary Emergency Appeal seeks CHF 693,779 (USD 571,953 or EUR 450,336) in cash, kind, or services to support the Red Cross Societies of Costa Rica and Panama to assist a total of 15,000 beneficiaries (3,000 families) for nine months.

CHF 270,000 (USD 222,580 or EUR 175,260) was allocated from the Federation's Disaster Relief Emergency Fund (DREF) to support the initial relief activities of the Red Cross Society of Panama, and CHF 110,500 (USD 96,507 OR EUR 75,685) to support the Costa Rican Red Cross in starting relief actions. Unearmarked funds to replenish DREF are encouraged.

Summary: Throughout the month of November, continuous heavy rain damaged roads and houses and interrupted basic services such as telephone and electricity in the Panamanian provinces of Chiriqui, Bocas del Toro, Veraguas, Colon and Darien. More than 36,000 people have been affected as the rains continue, which is hampering the response efforts.

In Costa Rica the same combination of a cold front and low pressure system has been causing constant rain and rivers to overflow in the provinces of Limon, Cartago, Heredia and San Jose.

Based on this situation, this Preliminary Emergency Appeal responds to a request from the Red Cross Societies of Panama and Costa Rica and focuses on supporting a timely and appropriate response to those affected through the delivery of essential emergency relief items, the completion of damage and needs assessments for early recovery activities (shelter, water and sanitation, and other sectors), and the strengthening and scaling-up of disaster risk reduction activities to contribute to building community safety and resilience for the future. Further rain is foreseen for Panama and Costa Rica in the coming days, which might worsen the situation.

This operation is expected to be implemented in nine months, and will be completed by end of August 2009; a Final Report will be made available by end of November, 2009 (three months after the foreseen end of the operation).

[<click here to view the attached Preliminary Emergency Appeal Budget;](#)
[here to link to a map of the affected area; or](#)
[here to view contact details>](#)



Costa Rican Red Cross volunteers entering areas isolated by flooding in Talamanca, Limon.
Source: Costa Rican Red Cross

The situation

On 22 November 2008, the Panamanian provinces of **Bocas del Toro**, **Chiriqui**, **Colon** and **Veraguas** were declared in a state of emergency by the National government due to constant rain caused by the combination of a cold front moving in from the North and a low pressure system stationed over the area. Heavy and continuous rainfall caused flash floods that destroyed bridges, roads and houses. Costa Rica and Nicaragua are also being affected by this weather system with constant rain and flooding.

In **Bocas del Toro**, according to the latest reports provided by the Red Cross Society of Panama, approximately 31,174 people have been affected by the rain, five people have died and ten people are missing. Six houses have been destroyed and some 25,387 affected people are being housed in 38 temporary shelters. There is no road access to the province, since four landslides have blocked the main road. Many areas are facing blackouts and water cuts. Over 45 indigenous communities in remote coastal areas are surrounded by water and can only be reached by helicopter, which has proved challenging due to the continuous rains.

In **Chiriqui**, 847 people have been affected by the floods, eight people have died, eight are missing, and fifteen have been injured. The Civil Protection branches in the communities of David (capital of the province), Cerro Punta and Volcan deployed personnel to the district of Boquete to start preliminary damage and needs assessments. Four houses have been completely destroyed and four temporary shelters are housing 847 persons. There is no electricity, bridges have been completely destroyed and there is lack of potable water.

In the province of **Colon**, reports indicate that 86 people have been affected by the floods, 23 houses have been damaged and one completely destroyed.

In **Veraguas**, 2,300 people have been affected and one person is reported missing. A landslide blocked the main road between the communities of Guazaro, Rio Luis and Concepcion.

Latest reports indicate that 1,751 people in the province of **Darien** have been affected by these rains as well.

The National Government continues to dispatch humanitarian aid to the affected areas through the First Lady's office, and Civil Defence personnel has been distributing blankets, water and food parcels. Several centres have been opened to gather donations in the province of Chiriqui. The two tables below show the total number of people affected and the number of people and shelters, according to figures from the Red Cross Society of Panama:

Province	People Affected	Shelters	No. of people in Shelters
Bocas del Toro	31,174	38	25,387
Chiriqui	847	4	847
Veraguas	2,300	1	2,000
Darien	1,751	-	-
TOTAL	36,072	43	28,234

In **Costa Rica**, a cold front stationed between the border of Honduras and Nicaragua shifted towards the Caribbean coast of Nicaragua and Costa Rica. The cold front caused an increase in wind intensity and heavy rain, the overflow of rivers and floods leading to mud flows and landslides.

As of 26 November, the low pressure system was located south east of the Caribbean side of Costa Rica. Although rainfall has diminished considerably in the northern region of the country, the sky still remains cloudy with isolated precipitations.

Weather forecasts indicated rain would continue for at least two more days in the coast of Limon as well as in the northern Caribbean, Central and northern mountain regions. Sea transportation is currently blocked since wind speed ranging from 25 to 32 km per hour is causing waves to reach up to two meters high in the northern Pacific region, and waves up to 2.5 meters high along the Caribbean coast.

According to evaluations carried out by the National Meteorological Institute of Costa Rica, Costa Rican Red Cross volunteers, reports from the Local Emergency Committees and Costa Rica's National Emergency Commission (Comision Nacional de Emergencias, CNE), floods have isolated 111 communities and destroyed banana and plaintain crops since the rains started. The most affected regions are Siquirres, Matina, Battan, Valle de la Estrella, Talamanca and Sixaola in the province of Limon. Several main highways have been blocked by landslides and 38 roads have been closed down, hampering the completion of preliminary damage and needs assessments and the distribution of relief aid to the affected communities. Aqueducts and eleven water wells have been damaged. Several ditches were ruptured, increasing the risk of flooding to nearby communities. The high levels of waters in some rivers have affected at least seven bridges. Assessment figures indicate that at least 1,200 homes have sustained damages due to the floods.

A total of 46,600 people have been reported as affected and 65 temporary shelters have been opened housing some 5,060 people. Two of these shelters are being managed by the Costa Rican Red Cross. The floods risk exacerbating diseases such as diarrhea and the common cold, which could pose a risk especially to indigenous communities in the provinces of Limon and Cartago.

Coordination and partnerships

The International Federation through its Pan American Disaster Response Unit (PADRU) and the Regional Representation for Central America and Mexico based in Panama have been actively coordinating with and supporting the Red Cross Society of Panama (RCSP) and the Costa Rican Red Cross (CRRC).

In Panama, the RCSP has been coordinating relief activities with the National System of Civil Protection (Sistema Nacional de Proteccion Civil – SINAPROC) and with the Ministry of Health in regards to the monitoring of water related issues and water borne diseases.

Regular coordination meetings are being held between the Risk Emergency Disaster Working Group for Latin America and the Caribbean (REDLAC), the UN's UNETE, the International Federation and the National Society.

A United Nations Disaster Assessment and Coordination (UNDAC) team has been requested, and the early recovery office of the United Nations Development Programme (UNDP) as well as other UN agencies have solicited funds to support the emergency.

The International Federation has been asked to play an active role in managing support to the public shelters which have been opened in the affected areas. In Costa Rica, two of these are currently managed by the National Society.

The RCSP formed alliances with local non-governmental organizations (NGOs) present in country. Several centres were opened by non-profit organizations to collect non perishable food items as well as clothes and bottled water in the district of David. The National Society's headquarters in the capital city of Panama have been receiving donations from several private companies and organizations, as well as from the general public.

The **Costa Rican** government through the CNE declared red, yellow and green alert in several communities throughout the country. The CNE has been constantly monitoring the evolution of the emergency and has also activated all regional and local emergency committees.

The government has been supporting and coordinating all institutions responding to the emergency and has relief supplies including blankets, mattresses and basic food items ready for deployment to the most affected areas.

Red Cross and Red Crescent action

The local branches of the **Red Cross Society of Panama** have deployed 225 volunteers and a search and rescue unit to the affected areas. A total of 350 volunteers have been working around the clock for this operation. International Federation staff has been supporting the operation in IT/telecom, Communications, Water and Sanitation and Disaster Management, and other Federation personnel has been volunteering at the Panama Red Cross headquarters to provide general support in logistics and the reception of in-kind donations. The National Society also maintained close coordination with the regional Centre of Operations for

Emergencias (Centro de Operaciones de Emergencias – COE) in charge of performing evaluations and coordinating actions in the field. Qualified Red Cross volunteers have been providing emergency first aid care to the most affected people.



Red Cross volunteers in Changuinola conducting surveys of the affected population. Source: Panamanian Red Cross.

Over 525 persons have been safely evacuated or rescued by the National Society's Search and Rescue teams in very challenging conditions.

The Red Cross Society of Panama has deployed to the field National Intervention Team (NIT) members, volunteers specializing in water and sanitation, logistics and information. All local branches are monitoring the situation and have personnel on standby to deploy to the areas that have not been reached. In addition, the National Society mobilized family kits for 400 families and 10,000 water purification tablets by ship to the province of Bocas del Toro.

The Red Cross Society of Panama has opened centres throughout the country to receive donations to be sent to the affected areas. To date, the general public has donated 75 tons of food and hygiene items. 25-lb food parcels containing rice, pasta, cooking oil, sardines, ham, salt, sugar, coffee, milk, cereal and 14,745 gallons of water have been

dispatched to the affected areas. The table below shows the donors and number of people benefited:

HUMANITARIAN AID DISPATCHED

Donor	People benefited	Weight kg.
General Public	14,055	73,355
International Federation	2,605	1,707
Red Cross Society of Panama	900	679
TOTAL	17,560	75,741

In **Costa Rica**, the Emergency Operation Committee headed by the President of the Costa Rican Red Cross and the National Relief Director has been active since the onset of the emergency. The Costa Rican Red Cross has focused its initial actions on performing search and rescue operations, pre-hospital first aid care and evaluations. The National Society has started setting up and managing temporary shelters for people who have had to leave their homes.

There are 63 Red Cross auxiliary committees (branches) on alert and seven are currently operating. Two National Intervention Team (NIT) members in the province of Limon and approximately 100 volunteers are providing support in the response to the emergency. Volunteers are being mobilised in more than 40 vehicles (4 x 4 vehicles, rescue vehicles, ambulances), two all terrain vehicles (Unimog) and three boats.

The Emergency Operation Centre has been active since the beginning of the emergency in the operations building in the capital city of San Jose, where information provided by all the auxiliary committees and other agencies is gathered, centralized and processed. The CNE has dispatched a helicopter with three rescue volunteers from the Costa Rican Red Cross in order to access the isolated communities like Sixaola, which lies in the south-eastern region of Costa Rica in the province of Limon and borders with Panama.

The actions of the CRRC are focused at the moment on carrying out evaluations, search and rescue and evacuation activities as well as providing first aid care.

200 people in the communities of Yorquin, Talamanca and Limon (in the district of Talamanca) as well as 250 people in the communities of Chinaquicha, Turrialba and Cartago (in the district of Turrialba) have received first aid care and relief items.

Moreover, Costa Rican Red Cross Youth volunteers carried out recreational activities and provided psychosocial support (PSP) for children in the shelters of Bataan and Matina using the “Retorno a la Alegria” (Return to Happiness) methodology.

The needs

Beneficiary selection: The Red Cross Society of Panama and the Costa Rican Red Cross local branches’ volunteers and personnel from the local authorities have been visiting the affected areas performing initial damage assessments to determine the immediate needs, particularly those of vulnerable groups such as indigenous populations, single mothers and the elderly. 45 indigenous communities in Panama remain isolated, and their needs are still mostly unknown. Once all evaluations are completed and additional needs are identified (particularly in the areas of water, sanitation, early recovery and food security), a revised emergency appeal will be launched. This may include additional beneficiaries, objectives and activities. The beneficiary selection criteria will be done impartially based on the vulnerability of the affected people.

Immediate needs: The Red Cross Society of Panama has identified as priorities the re-establishment of adequate supplies of safe drinking water, the distribution of food and non-food items, including kitchen kits and hygiene kits. The floods have damaged water sources and wells, homes, household belongings of hundreds of people, and the public infrastructure in Panama and in Costa Rica. The Costa Rican Red Cross has identified as immediate needs non perishable food items, drinking water, hygiene kits, kitchen kits, blankets and mattresses.

Because of the difficulties related to access of the emergency response teams to the affected areas, major logistical support is required in transportation, telecommunications, mobilisation of generators etc. In Panama, large volumes of donations are also requiring temporary warehousing space since the NS’ storage capacity has been exceeded.

Longer-term needs: Further evaluations are being carried out and the longer-term needs will be considered accordingly.

The proposed operation

This appeal outlines the known situation at this time and some of the basic needs the National Societies of Panama and Costa Rica have identified. The National Societies, with support of the International Federation, will assist the most vulnerable populations affected by the floods.

Goal of the operation: The basic living conditions of communities affected by the floods are restored and improved.

This emergency relief operation will provide 3,000 families (1,500 families in Panama, 1,500 families in Costa Rica) with essential items to help them overcome the initial effects of the emergency.

Assessments are still ongoing, and more detailed information will become available shortly. Both National Societies are working on a detailed plan of action. Based on this, objectives may be added or expanded, as relevant to the operation. More specific objectives and activities concerning early recovery, emergency health, water and sanitation and shelter will be added. All this will be communicated through a Revised Emergency Appeal in due course.

Relief distributions (food and basic non-food items)

Objective: 3,000 families (1,500 families in Panama and 1,500 families in Costa Rica) will benefit from the provision of essential food items and non-food items to recover from the effects of the floods. Replenishment of the relief stock of both National Societies’ relief stocks is also planned, therefore strengthening and re-establishing their response capacity for future relief operations.

Expected results	Activities planned
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3,000 families will receive essential relief items.	<ul style="list-style-type: none"> • Conduct rapid emergency needs and capacity assessments • Develop beneficiary targeting strategy and registration system to track intended assistance • Coordination with public institutions • Verification and survey of the most affected population • Local procurement of food items • Purchase of non-food items by Regional Logistics Unit (RLU) • Transport, customs and logistics arranged by RLU. • Distribution of food and non-food items. • Monitoring and evaluation.
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Panama

The following items will be distributed to the most affected families: (1,500 families)

- 1,500 kitchen kits (1 per family)
- 1,500 hygiene kits (1 per family)
- 7,500 blankets (5 per family)
- 3,000 jerry cans (2 per family)
- 3,000 tarpaulins (2 per family)
- 1,500 food parcels (1 per family)

The Red Cross Society of Panama had initially leased two 4 x 4 vehicles from the International Federation's Global Fleet Program and a distribution of blankets, hygiene kits, kitchen kits and tarpaulins was completed for 295 families in the district of Tocumen, as part of the first floods experienced in September, 2008. This Preliminary Appeal seeks to replenish the 295 kitchen kits used for the initial response. To respond to the increased operational needs two additional 4 x 4 vehicles have been leased for the National Society to carry out search and rescue activities.

The initial DREF allocation of CHF 270,000 has allowed for the dispatch of the following relief items to the field, to respond to the most recent floods to the province of Bocas del Toro:

- 400 jerry cans (2 per family)
- 500 hygiene kits (1 per family)
- 205 kitchen kits (1 per family)
- 1,400 blankets (5 per family)
- 400 tarpaulins (2 per family)



A convoy of 75 tons of in-kind donations and International Federation relief assistance left Panama City for the affected areas on the 30th of November.

Support for all operational and transportation costs of distributions of relief items is sought to be provided through this Preliminary Emergency Appeal. Therefore, a large allocation of funds is to cover the operational costs related to transportation of relief items and mobilization of volunteers to the most affected areas.

Costa Rica

The following items will be distributed to the most affected families:

- 1,500 hygiene kits (1 per family).
- 3,000 jerry cans (2 per family).
- 1,500 kitchen kits (1 per family).

These relief items will be procured locally following International Federation standards.

In addition, the Costa Rican Red Cross will receive 5,000 plastic bags to pack donated clothes received from several organizations and from the general public.

As a clearer picture of the situation in Costa Rica emerges and more information becomes available, the objectives in this Appeal might be revised. For the time being, the operational costs of the distribution of relief items and mobilization of volunteers by the Costa Rican Red Cross are being considered in this Preliminary Emergency Appeal.

Water, sanitation, and hygiene promotion

Objective: The risk of waterborne and water-related diseases has been reduced through the provision of safe water, adequate sanitation and hygiene promotion and education to 3,000 households for six months.

Expected results	Activities planned
3,000 households have safe drinking water and receive educational hygiene promotion.	<ul style="list-style-type: none"> Assessments of water quality in the affected areas. Deployment of a RIT specializing in water and sanitation. Provision of potable water to 3,000 families in the affected area by providing operation costs for a water purification plant. Provision of water purification tablets for household water treatment for 1,500 households in Panama.
3,000 households will receive mosquito nets to diminish the risk from vector related diseases	<ul style="list-style-type: none"> Purchase and shipping of 6,000 mosquito nets. Transport, customs and logistics arranged by RLU. Distribution. Monitoring and evaluation.

Panama

A water purification plant with the capacity of generating 5,000 litres of water per hour was dispatched to Changuinola in the province of Bocas del Toro. The water purification plant is property of the Red Cross Society of Panama and all operation costs are being covered through this appeal.

10,000 water purification tablets have been dispatched to the field and are being distributed.

3,000 mosquito nets will be distributed to the affected families in Panama (2 per family).

Costa Rica

Chemicals for water treatment and purification will be provided by the Costa Rican Red Cross to ensure safe drinking water to the affected communities. The results of the ongoing damage and needs assessments will help determine what type of further support will be needed in the most affected areas.

3,000 mosquito nets will be distributed to the affected families in Costa Rica (2 per family).

Early Recovery and Risk Reduction

Objective: Food security and livelihood early recovery activities are assessed, planned and implemented, to benefit 600 affected households in Panama and Costa Rica. Based on the identified vulnerabilities, awareness is raised and capacity of the community exposed to risks is strengthened to build community safety and resilience.

Expected results	Activities planned
3,000 people benefit from food security and livelihood recovery activities.	A food security expert, a water and sanitation expert and experienced volunteers will evaluate the communities during the relief phase to further define needs and plan programming in these areas.

The loss of crops and fishing material will have a strong impact on the local population's capacity to recover from the floods. The best strategy to address these early recovery needs will be developed over the following weeks.

National Society Capacity Building

Objective: The capacity of the Red Cross Societies in disaster response and preparedness will have been strengthened.	
Expected results	Activities planned
The Red Cross volunteers will be better prepared in disaster response.	<ul style="list-style-type: none"> • Conduct several NIT capacity building trainings and workshops. • Provide security gear and equipment for volunteers to operate safely.

Details of this objective will be developed in due course.

Programme Support Objectives:

Communications

Objective: The Red Cross Societies will facilitate adequate visibility of the response activities through the development of a comprehensive communications strategy.	
Expected results	Activities planned
<p>Red Cross volunteers will have proper visibility equipment.</p> <p>National and international media, as well as the International Federation's internal information system, will be fed interviews, videos, photographs, press releases and stories to ensure visibility for the National Societies' activities.</p>	<ul style="list-style-type: none"> • Design, production and distribution of visibility material (stickers, t-shirts, caps, etc.). • Local and international interviews. • Drafting and distribution of press releases.

Logistics

Objective: Operational support is provided to the National Societies to effectively dispatch relief items upon arrival, including clearance, storage and forwarding to distribution.	
Expected Results	Activities planned
The Red Cross Societies of Panama and Costa Rica receive operational support.	<ul style="list-style-type: none"> • Leasing of 4 x 4 vehicles • Leasing of trucks for distribution • Mobilisation of volunteers and Red Cross personnel

As mentioned in the relief objective above, a considerable amount of funds have been allocated to cover the majority of operational and transportation costs of relief items included in this appeal, donated items, as well as mobilisation of volunteers.

IT & Telecom

Objective: A well functioning and reliable communications system to ensure effective communication and security for all Movement partners for the immediate response to the disaster has been established.	
Expected results	Activities planned
Data communication and office facilities are available for the operation.	<ul style="list-style-type: none"> • Conduct assessments • Procure and install communication equipment • Re-establish family links in Changuinola and Almirante

Panama

An International Federation IT & Telecom specialist has been deployed to the field in order to evaluate the communications needs and to install a VHF repeater antenna to support the operation. Additionally, the

International Federation has provided internet connection for five laptops belonging to the National Society for the use during the emergency, along with ten handheld radios in an IT/telecommunications kit.

Communications – Advocacy and Public information

Maintaining a steady flow of timely and accurate information between the field and other major stakeholders is vital for advocacy, maintaining the profile of the emergency operation and for fundraising. During an operation, communications between affected populations and the Red Cross and Red Crescent, as well as with the media and donors, is an essential mechanism for effective disaster response and the cornerstone to promoting greater quality, accountability, and transparency. The communications activities covered by this appeal are aimed at supporting the National Societies to improve their communications capacities and develop appropriate communications tools and products to support effective operations. These activities will include training, capacity building, as well as material support and are closely coordinated with the Communications Department of the International Federation's Secretariat in Geneva. **The Red Cross Society of Panama** has provided six press releases and one press conference. The **Costa Rican Red Cross** has published three articles on its national website (<http://www.cruzroja.or.cr>) and three articles in the regional Red Cross website (www.cruzroja.org) to inform on the status of the situation. In virtue of a partnership with Albatros Media, the International Federation has deployed to the field in Panama a photography and video team comprised of a RIT in information and Albatros Media staff with the aim to produce video material for the press.

Capacity of the National Societies

During the pre-hurricane meeting that took place in Panama from 3 to 6 June 2008, National Societies from countries prone to hurricanes in the Americas participated actively in the revision of a contingency plan for the region (which had been elaborated during the 2007 pre-hurricane meeting). The development of the regional contingency plan helped explore disaster preparedness tools, available capacities within the region, possible response strategies and operating procedures, which provided participants with hands-on practice in readiness for such a response.

Capacity of the International Federation

The International Federation through PADRU is providing support to the affected National Societies for the response needs, by organizing the provision of relief items, information management, IT/telecommunication logistical support, the development of plans of action and the coordination of logistics and human resources as needed. A disaster management/early recovery specialist and water and sanitation officer have been deployed to Bocas del Toro to carry out damage and need assessments.

International Federation staff from PADRU, the Regional Representation for Central America and Mexico and the Americas Zone Office have been actively engaged with both National Societies in their response to the emergency in order to ensure proper support in the areas of communications, DM and Disaster Risk Reduction, IT and Telecommunications, reporting, finance and advocacy and representation.

The international Federation also has a strong pool of Regional Intervention Team (RIT) members that can be deployed quickly to provide additional support as required. Water and sanitation and logistics RIT alerts have been issued to provide assistance in Panama.

Budget summary

See attached budget (Annex 1) for details.

Thomas Gurtner
Director
Coordination and Programmes Division

Bekele Geleta
Secretary General

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 activities are aligned with its Global Agenda, which sets out four broad goals to meet the Federation's mission to "improve the lives of vulnerable people by mobilizing the power of humanity".

Global Agenda Goals:

- Reduce the numbers of deaths, injuries and impact from disasters.
- Reduce the number of deaths, illnesses and impact from diseases and public health emergencies.
- Increase local community, civil society and Red Cross Red Crescent capacity to address the most urgent situations of vulnerability.
- Reduce intolerance, discrimination and social exclusion and promote respect for diversity and human dignity.

Contact information

For further information specifically related to this operation please contact:

- In Panama: Michele Detomaso, Programme Coordinator, Pan American Disaster Response Unit; email: michele.detomaso@ifrc.org; phone: (507) 316-1001; fax: (507) 316-1082.
- In Costa Rica: Walter Zarate, Relief Director, Costa Rican Red Cross: email: walter.zarate@cruzroja.or.cr; phone (506) 2528-0030; fax: (506) 255-3098
- In Panama: Fabricio Lopez, Regional Representative for Central America and Mexico; email: fabricio.lopez@ifrc.org; phone: (507) 380 0250; fax: (507) 317 1304
- In Panama: Maria Alcázar, Resource Mobilisation Coordinator for the Americas; email: maria.alcazar@ifrc.org; or Jane Grimshaw, Resource Mobilisation Officer, email: jane.grimshaw@ifrc.org, phone: (507) 380 0250; fax: (507) 317 1304
- In Geneva: Pablo Medina, Operations Coordinator for the Americas; e-mail: pablo.medina@ifrc.org; phone: (41) 22 730 4300.

**[Preliminary Emergency Appeal budget and map below;](#)
[click here to return to the title page>](#)**

APPEAL BUDGET SUMMARY

Panama & Costa Rica Floods

Annex 1

MDR43005

ORIGINAL**RELIEF NEEDS**

Shelter	51,000	
Construction Materials		
Clothing & Textiles	71,250	
Food	45,000	
Seeds & Plants		
Water & Sanitation	30,000	
Medical & First Aid		
Teaching Materials		
Utensils & Tools	139,325	
Other Supplies & Services	72,000	
Total Relief Needs	408,575	59%

CAPITAL EQUIPMENT

Land & Buildings		
Vehicles Purchase		
Computers & Telecom Equipment	16,450	
Office/Household Furniture & Equip.		
Medical Equipment		
Other Machinery & Equipment		

TRANSPORT, STORAGE & VEHICLES

Storage - Warehouse		
Distribution & Monitoring	40,200	
Transport & Vehicles Costs	56,000	
Service fee & recovery	15,758	

PERSONNEL

International Staff		
Regionally Deployed Staff	13,700	
National Staff	6,000	
National Society Staff	30,000	
Consultants	5,000	

WORKSHOPS & TRAINING

Workshops & Training	13,500	
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GENERAL EXPENSES

Travel	9,000	
Information & Public Relations	7,500	
Office running costs	9,000	
Communication Costs	13,500	
Professional Fees		
Financial Charges	4,500	
Other General Expenses		

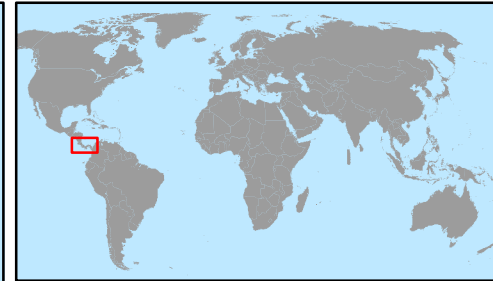
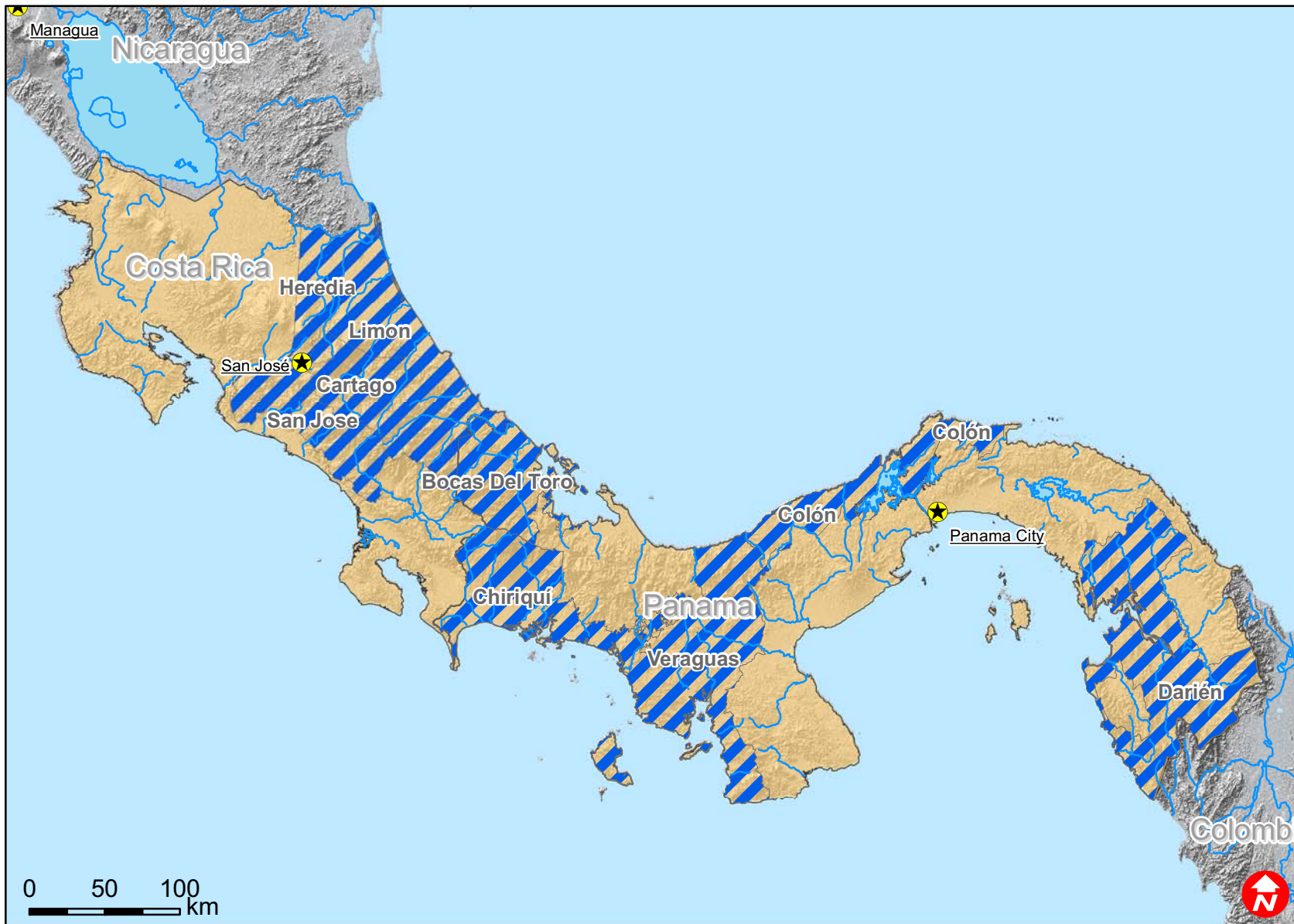
PROGRAMME SUPPORT

Programme Support - PSR	45,096	
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Total Operational Needs **285,204** 41%**Total Appeal Budget (Cash & Kind)** **693,779****Available Resources** **0****Net Request** **693,779**



Costa Rica and Panama: Floods



- ★ Capitals
- Rivers
- Lakes
- ▨ Affected areas