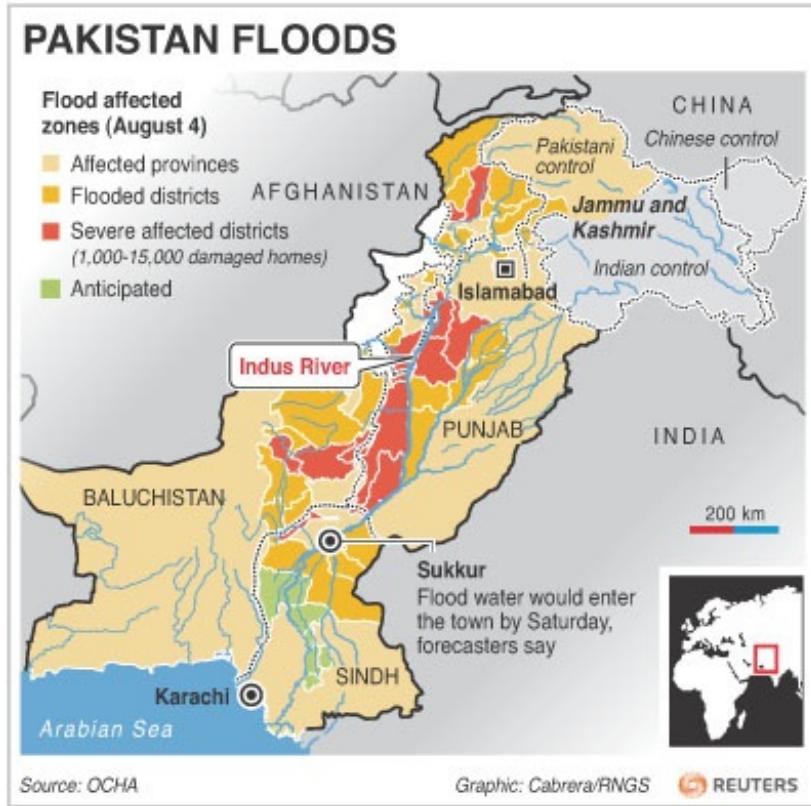


ICT4Peace Inventorisation Wiki: Pakistan Floods



Snapshot of the crisis

The 2010 Pakistan floods began in July 2010 after record heavy monsoon rains. The Khyber Pakhtunkhwa province of Pakistan was worst affected. At least 1600 people were killed, thousands were rendered homeless, and more than fourteen million people were affected. Estimates from rescue-service-officials suggest the death-toll may reach 3,000 victims. According to a recent estimate of the United Nations, the number of people suffering from these massive floods in Pakistan exceeds 20 million, which is more than the combined total of the 2004 Indian Ocean tsunami, the 2005 Kashmir earthquake and the 2010 Haiti earthquake. The disaster also did major harm to struggling Pakistani economy due to extensive damage to infrastructure and crops. (From [Wikipedia entry](#), taken 15 August 2010)

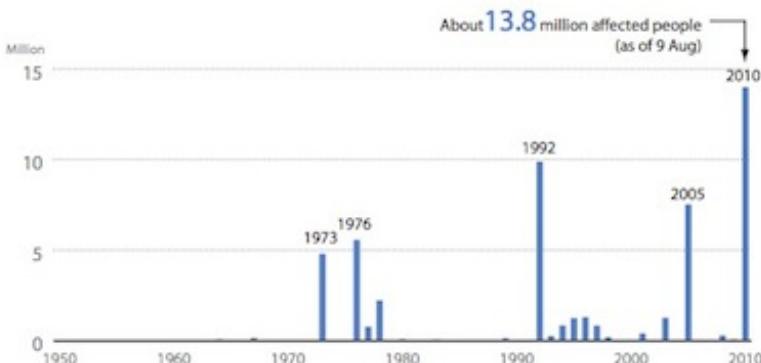
Background information & context

The crisis at a glance:

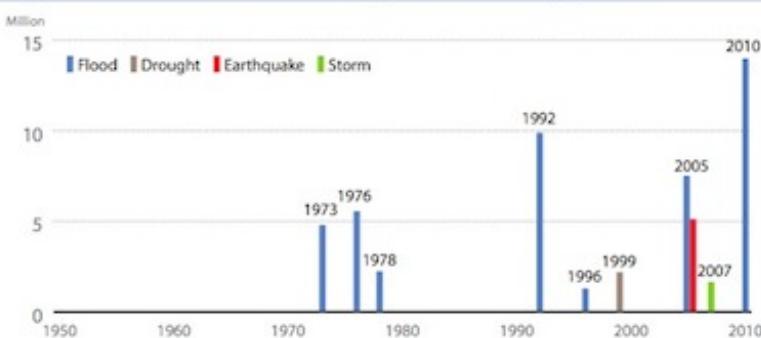
- An estimated 14.1 million persons affected (including 6 million children) across Pakistan
- An estimated 724,000 homes destroyed or damaged, affecting an estimated five million persons
- Assistance provided to hundreds of thousands, but relief operation needs to reach an estimated six million
- United Nations and partners need \$ 459.7 million for humanitarian assistance over the coming months

Excerpt from [fact sheet issued by United Nations](#) (12 August 2010)

Number of affected people per year due to floods in Pakistan*



Ten biggest natural disasters in Pakistan: By number of affected population*



Number of natural disaster events in Pakistan since 1900*



Infographic from UN OCHA. Download original PDF [here](#).

Pakistan Government sites

- [Government of Pakistan web portal](#)
- [National Disaster Management Authority, Flood Updates](#)

GLIDE number

- FL-2010-000141-PAK

UN sites and platforms in support of humanitarian response

- [Pakistan OneResponse](#)
- [Pakistan: Floods - Jul 2010, UN Reliefweb](#)
- [UN OCHA Facebook page](#)
- [List of Flood Affected Districts](#) (1 Sept)

UN OCHA Crisis Briefing Kit, courtesy Reliefweb

1. Download the briefing kit [here](#), created on 15 August 2010 (~27Mb).
2. Download the briefing kit [here](#), created on 18 August 2010 (~13Mb).
3. Download the briefing kit [here](#), created on 30 August 2010 (~16Mb).
4. Download the briefing kit [here](#), created on 7 September 2010 (~29Mb).

The above PDFs contain,

- Inter-agency and news updates over the past week
- Latest 10 Situation Reports
- Latest 10 maps
- Other key documents

UN system in the country

- [UN Pakistan portal](#)
- UN SG Calls Pakistan Floods '[A slow moving Tsunami](#)'
- The United Nations Office for the Coordination of Humanitarian Affairs (OCHA) issued a report on 20 August on the Pakistan Initial Floods Emergency Response Plan, August 2010 ([full-text](#), pdf). The Executive summary notes:

"Over the course of July and early August 2010, Pakistan experienced the worst monsoon-related floods in living memory. Heavy rainfall, flash floods and riverine floods have devastated large parts of Pakistan since the arrival of seasonal monsoon rains on 22 July. Assessments of losses and damages are ongoing, but estimates place the number of affected people at more than 14 million. Over 1,200 people have died, and at least 288,000 homes have been damaged or destroyed."

Key UN contacts

- For generic matters: Maurizio Giuliano, Public Information Officer a.i., OCHA, maurizioguiliano_1975@yahoo.com, tel. +92-300-8502397
- For education, nutrition, water and sanitation: Ban Hayi, Public Information officer, UNICEF, bdhayi@yahoo.co.uk, tel. +92-300-5499257
- For health: Cristina Banluta, Public Information Officer, WHO, banlutac@who.int, tel. +92-300-5559639
- For food security: Amjad Jamal, Public Information Officer, WFP, amjad.jamal@wfp.org, tel. +92-300-8500989
- For protection (including affected IDPs and refugees): Peter Kessler, Public Information Officer, UNHCR, kessler@unhcr.org, tel. +93-301-8567770
- For shelter and non-food items: Saleem Rehmat, Public Information Officer, IOM, srehmat@iom.int, tel. +92-300-8560341

OCHA Pakistan: Manuel Bessler, Head of Office bessler@un.org	HussainUllah, Punjab Coordination Centre ullah5@un.org , +92 301 854 2449
Maurizio Giuliano, Public Information Officer a.i. giuliano@un.org , +92 300 8502397	Waheed Anwar, Khyber Pakhtunkhwa Coordination Centre anwarw@un.org , +92 301 854 2449
Nicki Bennett, Senior Humanitarian Affairs Officer bennett5@un.org , +92 300 850 2289	OCHA Geneva Randa Hassan, Humanitarian Affairs Officer hassan50@un.org , Office: +41 22 917 2732 Cell: +41 79 602 3598
Susan le Roux, External Relations and Donor Liaison Officer leroux@un.org , +92 308 520 5819	OCHA New York: Ben Negus, Humanitarian Affairs Officer negus@un.org , Office: +1 917 367 4374, Cell: +1 646 785 9642
FawadHussain, SindhCoordination Centre fawad.hussain@un.org , +92 301 854 2495	

Other key crisis information management providers, tools and platforms

- [Google response to Pakistan floods](#) (blog entry, with links to key Google resources, in Urdu and English)
- [Google Person Finder](#) (in Urdu and English)
- [Google Resource Finder](#) (brand new tool deployed, with emphasis on medical infrastructure, in Urdu and English)
- [CrisisCommon.org's Pakistan 2010 floods page](#)
- [CrisisWki's Pakistan floods 2010 wiki](#)
- [Pakistan Flood Incident Reporting](#), Crowdmap instance powered by Ushahidi
- [Pak Flood Incident Reporting System](#), Ushahidi instance

- [Sahana Eden Pakistan Floods Response site](#)
 - i. [Map](#)
 - ii. [Assessment reports](#)
 - iii. [Flood reports](#)
- Mental Health & Psychosocial Support Network - [Pakistan Floods 2010 group](#)

Twitter feeds with vital links to information

This information on Twitter updates via [Pakistan Floods 2010 Information and Relief Wiki](#). The following tags are being used for flood related info:

- Twitter tag for Pakistan floods: #PkFlood and #PkFloods
- Twitter tag for Pakistan flood relief: #helppakistan
- Twitter tag for Pakistan in general: #Pakistan

Following people are tweeting flood-related info:

- @sarelief
- @arrafiq
- @beenasarwar
- @iFaqeer
- @sawant
- @DrAwab
- @ChangemakersPK
- @ramlas
- @faisalchohan
- @zayams
- @Meherzaidi
- Latest tweets on the floods aggregated by Google [here](#).

Situation reports from UN

- OneResponse Pakistan aggregates all the latest situation reports [here](#).
- Latest situation reports from UN agencies and Pakistan Government aggregated [here](#).

Situation reports from UN OCHA

- [OCHA Floods Sitrep No. 22 \(6 Sept 2010\)](#)
- [OCHA Floods Sitrep No. 21 \(3 Sept 2010\)](#)
- [OCHA Floods Sitrep No. 20 \(1 Sept 2010\)](#)
- [OCHA Floods Sitrep No. 19 \(30 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 18 \(27 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 17 \(25 August 2010\)](#)
- [OCHA Floods Sitrep No. 16 \(23 August 2010\)](#)
- [OCHA Floods Sitrep No. 15 \(20 August 2010\)](#)
- [OCHA Floods Sitrep No. 14 \(18 August 2010\)](#)
- [OCHA Floods Sitrep No. 13 \(16 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 12 \(14 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 11 \(12 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 10 \(10 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 9 \(8 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 8 \(6 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 7 \(5 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 6 \(4 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 5 \(3 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 4 \(2 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 3 \(1 Aug 2010\)](#)
- [OCHA Floods Sitrep No. 2 \(30 July 2010\)](#)
- [OCHA Floods Sitrep No. 1 \(29 July 2010\)](#)

Situation reports from other sources

- [Pakistan Floods 2010 Information and Relief Wiki](#)
- [Pakistan Flood Relief](#)
- Centre for Excellence in Disaster Management & Humanitarian Assistance, [Pakistan Flood situation reports](#)

Emergency telecommunications situation reports

- [ETC Sitrep 1](#) (Reporting period 01/08/2010 to 08/08/2010)
- [ETC Sitrep 2](#) (Reporting period 09/08/2010 to 15/08/2010)
- [ETC Sitrep 3](#) (Reporting period 15/08/2010 to 22/08/2010)
- [ETC Sitrep 4](#) (Reporting period 22/08/2010 to 29/08/2010)

Emergency Telecommunications contacts

- Jalal Shah
World Food Programme
+92 (0)300 856 4360
Pakistan.ETC@wfp.org
- Martin Kristensson (Global level)
World Food Programme
Office: +39 06 6513 3624
Mobile: +39 34 9297 1700
Martin.Kristensson@wfp.org

Refugee and IDP information / updates

- [Google Person Finder](#)

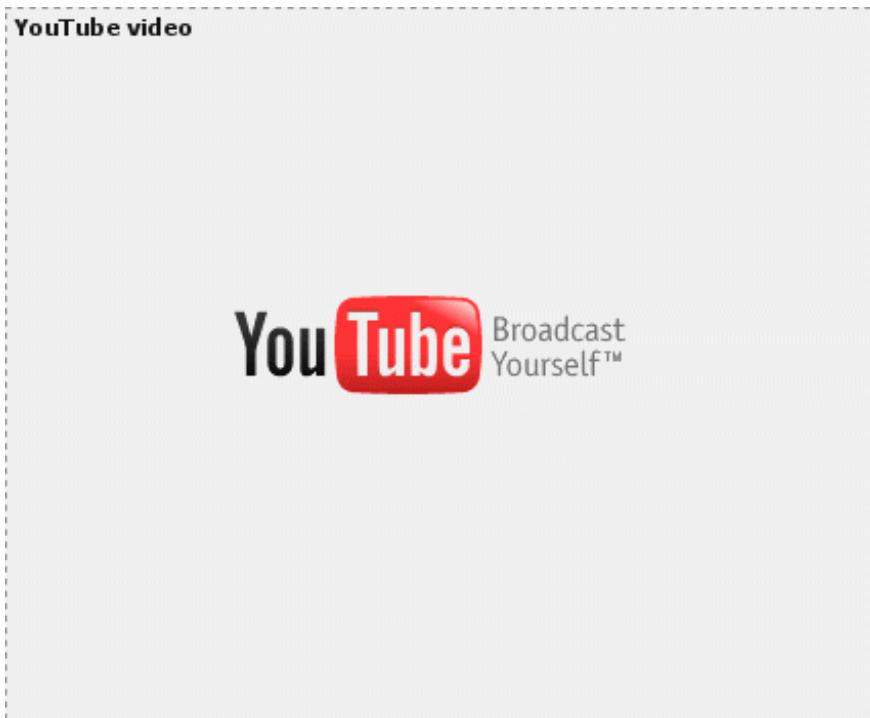
Who works where (3W) information

- [Via Reuters Alertnet](#) (not very comprehensive, but the best currently in the public domain)

Wikipedia

- [2010 Pakistan floods](#)

Videos



- Video above from UNICEF. More below.
- [From ITN, 3rd August](#)
- [From ITN, 15th August featuring UN Secretary General](#)
- [Eyewitness Video of Pakistan Floods](#), via New York Times The Lede
- [Videos from YouTube CitizenTube](#)
- [Videos from YouTube](#)
- [Pakistan floods: Eyewitness video, via BBC](#)
- [UN launches Pakistan flood appeal](#)
- UNHCR: ["We are going to need massive amounts of funding"](#)

YouTube video



Audio / podcasts

- [Pakistan Flood Special 14 August](#), BBC (Subscribe to Global News podcast of BBC [here](#))
- [Imran Khan speaks on Pakistan floods](#) on Desi Download
- [Oxfam emergency podcast from Pakistan](#)
- [BBC Urdu service](#)
- [World Food Programme report](#) on situation in Pakistan (18 August 2010)

News and information

- [UN chief: Never seen anything like Pakistan floods](#)
- [Latest news from Google](#) (links to Google's Pakistan flood response page)
- [Impact of Pakistan floods as bad as 1947 partition, says prime minister](#), Guardian
- [Reuters Alertnet Pakistan floods special edition](#)
- [New York Times Special Edition](#) on the Pakistan floods

Latest news from Google News (automatically updated)

- [Pakistan Floods - Google News](#)

Mapping data / Imagery (General)

- [CloudMade downloads on Pakistan flooding](#), including:
 - i. [pakistan.img.zip](#) (2.7M)
 - ii. [pakistan.navit.bin.zip](#) (3.2M)
 - iii. [pakistan.osm.administrative.bz2](#) (234.3K)
 - iv. [pakistan.osm.bz2](#) (8.3M)
 - v. [pakistan.osm.coastline.bz2](#) (1.1M)
 - vi. [pakistan.osm.highway.bz2](#) (4.3M)
 - vii. [pakistan.poi.gpx.zip](#) (55.1K)

- viii. [pakistan.poi.tomtom.zip](#) (35.1K)
- ix. [pakistan.poly](#) (10.2K)
- x. [pakistan.shapefiles.zip](#) (5.2M)

- [Openstreetmap on Pakistan](#)
- [Pakistan Floods/Imagery and data sources](#), via Openstreetmap
- [Google Maps Pakistan Facebook group](#)
- [Pakistan GIS](#)
- [DemoBase Pakistan - U.S. Census Bureau Population Data](#)
- [Floods \(as of 01 Aug 2010\) - Location Map](#)
- [PDC Develops New Pakistan Flood Relief Map Service](#) (download link to GIS content [here](#))
- [ITHACA maps on Pakistan flooding situation](#)

Mapping data / Imagery (UN)

- [UN OneResponse map centre](#)
- [UN Logistics Cluster Operational Map Centre](#)
- [GIS data from UN OneResponse](#) including administrative boundaries, IDP locations
- [Maps of flooding situation and logistics](#), via Reliefweb

Mapping data / Imagery (Call for resources)

- [Seeking map data in response to Pakistan floods](#), via Google

Mapping data / Imagery / GIS (high resolution downloads)

- [UNOSAT imagery on Pakistan floods](#)
- [Sample images from DigitalGlobe](#)
- [Centre for Satellite Based Crisis Information website](#) contains high resolution PDFs and JPGs of the following (as of 16 August 2010):
 - i. Detail Damage Assessment Map - Pakistan - Mianwali/Bhakkar districts (1) - 1:45,000
 - ii. Detail Damage Assessment Map - Pakistan - Mianwali/Bhakkar districts (2) - 1:45,000
 - iii. Detail Damage Assessment Map - Pakistan - Mianwali/Bhakkar districts (3) - 1:45,000
 - iv. Disaster Extent Map - Pakistan - Mianwali/Bhakkar districts (4) - 1:45,000
 - v. Disaster Extent Map - Pakistan - City of Dera Ismail Khan - 1:30,000
 - vi. Overview Map - Pakistan - Dera Ismail Khan district (northern part) - 1:100,000
 - vii. Overview Map - Pakistan - Dera Ismail Khan district (southern part) - 1:100,000
 - viii. Reference Map - Pakistan - City of Kalur Kot in the Punjab province - 1:15,000
 - ix. Reference Map - Pakistan - City of Dera Ismail Khan in the Khyber Pakhtunkhwa province - 1:15,000
 - x. Reference Map - Pakistan - Dera Ismail Khan district of the Khyber Pakhtunkhwa province - 1:250,000
- [Flood affected areas in Pakistan](#), via WFP
- International Charter Space and Major Disasters, [page on Pakistan floods](#)

Logistics updates and information

- [Map: Pakistan Road Conditions Map as of 13 August 2010](#)
- [Map: Pakistan Logistics Infrastructure Overview and Flood Zones 13 August 2010](#)
- [WFP Pakistan page](#), with links to maps and Logistics Cluster information

Photos

- [44 Pictures of Flood in Pakistan](#)
- [NASA Earth Observatory](#)
- [Images from Google](#) (News)
- [Images from Google](#) (Images)
- [National Post photo gallery](#)
- [Huffington Post photo gallery](#)
- [Boston.com Big Picture blog's coverage of floods](#)
- [OXFAM Pakistan flood photo gallery](#)
- [Time magazine photo essay](#)
- [BBC News citizen generated photo gallery](#)

- [Telegraph photo gallery](#)
- [Guardian photo gallery](#)
- [Reuters Alertnet photo gallery](#)

Ways to help

The ICT4Peace Foundation is, unless specifically noted, not in any way associated with or part of the initiatives mentioned below.

- [Pakistan Floods 2010 Information and Relief Wiki](#) lists the following online donation sites:
 - i. UNHCR: <http://www.unrefugees.org.au/emergencies/pakistan/>
 - ii. Disaster Emergency Committee (DEC) [UK] http://www.dec.org.uk/donate_now/
 - iii. Oxfam [Only for USA, Europe and U.S.A] : <https://www.oxfam.org.uk/donate/pakistan-floods/index.php>
 - iv. Save The Children [New Zealand] : https://secure.savethechildren.org/01/web_e_pakistan_flood_10?source=hp_fb_pak10
 - v. Global Giving : <http://www.globalgiving.org/projects/redr-pakistan/>
 - vi. Relief International : <https://ri.org/APF/donate.php>
 - vii. Islamic Relief U.S.A : <https://www.islamicreliefusa.org/SSLPage.aspx?pid=203>
 - viii. International Rescue Committee [For U.S.A] : <https://www.theirc.org/donate/help-rescue-lives-pakistan>
 - ix. Canadian Red Cross : <https://secure.e2rm.com/registrant/donate.aspx?EventID=57138&LangPref=en-CA>
 - x. Hidaya Foundation : <http://www.hidaya.org/social-welfare/disaster-relief-pakistan-floods-2010>
- [Guide to Humanitarian Giving for the Pakistan flood emergency](#), from UN OCHA (a great list of resources)
- [Google Disaster Relief support page for Pakistan floods](#)
- [Pakistan Flood Disaster Relief: How to Help](#) from The Lede, New York Times



Other Crisis Information Wikis and research by ICT4Peace Foundation

- [Crisis in Kyrgyzstan 2010](#)
- [Gulf of Mexico Oil Spill - April 2010](#)
- [Haiti earthquake 2010](#)
- [Haiti and Beyond: Getting it Right in Crisis Information Management](#)
- [Chile earthquake 2010](#)
- [Cyclone Nargis: Lessons and implications for ICTs in Humanitarian Aid](#)
- [Cyclone Nargis: Lessons and implications for ICTs in Humanitarian Aid](#) [P] (Update to original report)
- [2004 Boxing Day Tsunami](#)

[View counter for this page](#)