

Global Disaster Alert and Coordination System

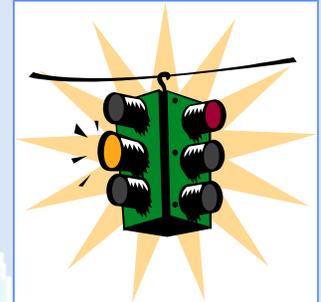
GDACS

www.gdacs.org



Purpose of GDACS

- Reliable alert notification after sudden-onset disasters
- Facilitated information exchange among stakeholders to coordinate the disaster response operations (relief phase)

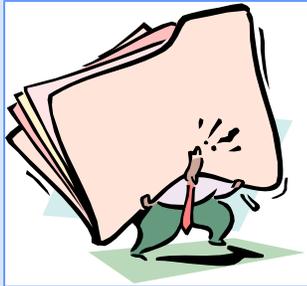


What is GDACS



•Network

- Disaster information services (Currently: Reliefweb, Virtual OSOCC, EC/ASGARD, UNOSAT , HEWS)
- Disaster managers in disaster-prone and responding countries/organisations



•Standards

- Protocols for data exchange among systems
- Procedures for information exchange among stakeholders
- GLIDE



•Web-platform:

- Alert notification after sudden-onset disasters
- Information exchange and coordination

Scope

- Sudden-onset disasters
 - Natural
 - Technological
 - Environmental
 - (No complex emergencies)



Stakeholders

- Affected countries
- Donor countries and organisations
- Scientific institutions



GDACS Homepage at www.gdacs.com

This website wants to install the following add-on: 'Adobe Flash Player 9' from 'Adobe Systems Incorporated'. If you trust the website and the add-on and want to install it, click here...



The Global Disaster Alert and Coordination System provides near real-time alerts about natural disasters around the world and tools to facilitate response coordination, including news, maps and V. OSOCC.

[Alerts](#) | [Coordination](#) | [About GDACS](#) | [Alert subscription](#) | [About alerts](#) | [Early Warning \(HEWSWeb\)](#)

[Current events](#) | [Archive](#)

You are not logged in | [Log in](#)

Current Disaster Events

[RSS](#)

[KML](#)
(Download Google Earth)

Events in this list are picked up from [multiple sources](#) and automatically analyzed by a computer program to determine the likelihood of humanitarian intervention. News is collected automatically from over 800 on-line sources.

Earthquakes *Orange alerts or M>6 in the last 4 days* | [more events...](#)
Note: based on preliminary magnitude; most recent seismic parameters can be different
Last updated: 7 min ago

Floods *Bulletins provides by Dartmouth Flood Observatory based on media reports* | [more events...](#)
Last updated: 17 hours ago

- [Flood 179 in Somalia](#)
DFO—2006-08-24 to 2006-09-12
- [Flood 178 in Nepal](#)
DFO—2006-08-26 to 2006-09-13
FL-2006-000127-NPL
- [Flood 175 in Thailand](#)
DFO—2006-08-20 to 2006-09-12
FL-2006-000125-THA
- [Flood 174 in Sudan and Ethiopia](#)
DFO—2006-08-13 to 2006-09-13
FL-2006-000123-SDN
- [Flood 173 in Cambodia and Vietnam](#)
DFO—2006-08-10 to 2006-09-12
FL-2006-000130-KHM
- [Flood 171 in Burkina Faso, Niqer, Mali and Nigeria](#)

show/hide map

Click on any icon to get report on the event. To see the map, you must have installed [version 8 of the flash player](#). The events included in the map above are less than 4 days old.

Legend

Based on the location and magnitude of the disasters and the local population and their vulnerability, disasters are classified in three classes:

Virtual OSOCC

- Web based information management
- Restricted access
- Real-time coordination of response

<http://ocha.unog.ch/virtualosocc>



Virtual OSOCC Disaster Overview

Subscription to SMS and e-mail notifications

New disaster alerts entered by users

Ongoing disaster discussions

Automatic alerts and loss-estimations

SMS and e-mail subscription to automatic alerts

The screenshot shows the Virtual OSOCC Disaster Overview web interface. At the top, there is a navigation menu with tabs for Disasters, Training, Meetings, Discussions, VO Users, and Statistics. Below the menu, there are sections for Alert Notifications, Ongoing Emergencies, and Automated disaster alerts. The Automated alerts section contains a table with columns for Title, Description, and Date. The footer lists GDACS Partners and Sponsors.

Title	Description	Date
Red earthquake alert Indonesia(M=6.2) potentially affecting 16924410 people.	On 5/26/2006 10:54:00 PM, an earthquake of magnitude 6.2 and depth 17km occurred in Indonesia. This earthquake potentially affected 16924410 people.	Fri, 26 May 2006 22:54 GMT+1

GDACS Partners: OCHA-VirtualOSOCC, OCHA-ReliefWeb, UNOSAT, HEWS, EC-Joint Research Centre
GDACS and Virtual OSOCC Sponsors: INSARAG, UNDAC, IHP, ECHO-Humanitarian Aid
Virtual OSOCC is developed by the Field Coordination Support Section (FCSS) in OCHA-Geneva

Virtual OSOCC Maps & Satellite Images

Deliverd	Blankets, Food, Medicines, Single Use Medicine Hospital	amount 14,5 tonnes	Polish Humanitarian Organisation, Polish Red Cross, Caritas Poland, ...	6-Feb-2006	details <input type="checkbox"/> EDIT <input type="checkbox"/> ADD FILE
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Automatic display of available satellite images

Maps provided by UNOSAT Request map from UNOSAT

Map	Title	Description	Date	Details
	Pleret town and vicinity, Indonesia. Post-disaster satellite image. Atlas Map Sheet 1C	High details Quick Bird derived near natural colour image of Pleret town and vicinity, Indonesia. Post-disaster image. Date of acquisition: 31 May 2006 Map sheet 1C (15 maps to cover the whole area) Scale: 1:5,000 for A3 hardcopy printing Projection: UTM zone 49 South Datum: WGS 1984 Map created: 13 June 2006, version 1.2	Wed, 14 Jun 2006 08:39:10 UTC	details
	Pleret town and vicinity, Indonesia. Post-disaster satellite image. Atlas Map Sheet 1D	High details Quick Bird derived near natural colour image of Pleret town and vicinity, Indonesia. Post-disaster image. Date of acquisition: 31 May 2006 Map sheet 1D (15 maps to cover the whole area) Scale: 1:5,000 for A3 hardcopy printing Projection: UTM zone 49 South Datum: WGS 1984 Map created: 13 June 2006, version 1.2	Wed, 14 Jun 2006 08:35:01 UTC	details
	Pleret town and vicinity, Indonesia. Post-disaster satellite image. Atlas Map Sheet 1E	High details Quick Bird derived near natural colour image of Pleret town and vicinity, Indonesia. Post-disaster image. Date of acquisition: 31 May 2006 Map sheet 1E (15 maps to cover the whole area) Scale: 1:5,000 for A3 hardcopy printing Projection: UTM zone 49 South Datum: WGS 1984 Map created: 13 June 2006, version 1.2	Wed, 14 Jun 2006 08:33:38 UTC	details
	Pleret town and vicinity, Indonesia. Post-disaster satellite image. Atlas Map Sheet 1F	High details Quick Bird derived near natural colour image of Pleret town and vicinity, Indonesia. Post-disaster image. Date of acquisition: 31 May 2006 Map sheet 1F (15 maps to cover the whole area) Scale: 1:5,000 for A3 hardcopy printing Projection: UTM zone 49 South Datum: WGS 1984 Map created: 13 June 2006, version 1.2	Wed, 14 Jun 2006 08:31:58 UTC	details
	Pleret town and vicinity, Indonesia. Post-disaster satellite image. Atlas Map Sheet 2C	High details Quick Bird derived near natural colour image of Pleret town and vicinity, Indonesia. Post-disaster image. Date of acquisition: 31 May 2006 Map sheet 2C (15 maps to cover the whole area) Scale: 1:5,000 for A3 hardcopy printing Projection: UTM zone 49 South Datum: WGS 1984 Map created: 13 June 2006, version 1.2		details

On-line request for customised satellite images or maps

Virtual OSOCC Disaster Overview

Useful Links: [USGS earthquake map](#) · [Floods overview \(HEWS\)](#) · [Storms Overview](#) · [Disaster Statistics \(CRED\)](#) · [GLIDE finder](#) · [NewsEdge](#)

T. Peter (FCSS/OCHA & INSARAG Secretariat) (User / Developer) [MARK ALL AS READ](#) [LOGOUT](#) [MESSAGES ON](#)

Disasters Training Meetings Discussions VO Users Statistics

[GO TO ARCHIVE](#) [VIEW HIDDEN INFO](#) [EDIT YOUR PROFILE](#) [ADMIN](#)

6.2M Earthquake in Yogyakarta, Indonesia (May 2006)

[Back to disasters overview](#)

[ADD TITLE](#) [DISCUSSION REPORT](#) [MAIL NOTIFY](#) [SMS NOTIFY](#)

New UNDAC Mission: [M0](#) [M1](#)

UNDAC Alert Message (M1) **SENT: 27-May-2006 09:39** [ADD FILE](#)

Attachments [EDIT](#) [REPLACE](#) [UNDAC Disp](#)

Situation

58 comments (21 not visited, 13 new since last summary update)

Update by C. de Borbon Parma - 6-Jun-2006 08:25 [EDIT](#) [ADD FILE](#) [LINK WEBSITE](#)

- More than 5,000 fatalities according to government figures
- Over 20,000 injured and over 200,000 homeless according to the Government
- Hospitals overcrowded, people have no place to go home to
- Bantul and Klaten most badly hit
- Airport opened in Yogyakarta for Humanitarian flights
- Solo airport overused: congesting road to Yogyakarta.
- International assistance has not been requested by government
- UNDAC team has set up UN Office/ OSOCC in Bantul, humanitarian hub in Klaten, reception centre in Yogyakarta

Coordination

32 comments (32 not visited, 3 new since last summary update)

Update by C. de Borbon Parma - 5-Jun-2006 15:08 [EDIT](#) [ADD FILE](#) [LINK WEBSITE](#)

OCHA has established a Coordination Cell in the office of the Governor led by Puji Pujiono (OCHA Regional Disaster Response Advisor). His mobile phone number is + 62 8111 53489. Please contact him if you are arriving on site.

The UN Office in the Bupati compound in Bantul is now operational.

Virtual OSOCC Relief Teams

Overview of international relief teams

International Relief Teams					Add new relief team ...
Type	Status	Relief Team	Donor	Arrival	Details
Health	Mission completed	Ministry of Foreign Affairs	France	29-May-2006 16:00	details EDIT ADD FILE
Assessment	Mission completed	Ministry of Foreign Affairs	France	28-May-2006 00:00	details EDIT ADD FILE
Health	Mission completed	Ministry of Foreign Affairs	France	31-May-2006 17:35	details EDIT ADD FILE
Water/Sanitation	Mission completed	MOFA - Emergency office	Italy	31-May-2006 02:00	details EDIT ADD FILE
Water/Sanitation	Mission completed	THW German Agency for Technical Relief	Germany	29-May-2006 17:00	details EDIT ADD FILE
Coordination				1-Jun-2006 09:00	details EDIT ADD FILE
Assessment	Deployed	Australian Aid International	Australia	28-May-2006 14:00	details EDIT ADD FILE
Assessment	Deployed	SDC Humanitarian Aid Team	Switzerland	28-May-2006 00:00	details EDIT ADD FILE
Assessment			UK	28-May-2006 17:35	details EDIT ADD FILE
Assessment	Deployed	Japan Disaster Relief Team (JDR)	Japan	28-May-2006 20:20	details EDIT ADD FILE
Assessment	Deployed	USAID/OFDA	USA	27-May-2006 00:00	details EDIT ADD FILE

Users can add new teams, as required

Teams can update their record

Virtual OSOCC Discussion

New comment

Discussion overview

New comments by users

SMS (use only for urgent alert)

User comments & file attachments

Option to send comment by SMS or e-mail

E-mail notify

Submit

Comments

PDMIN - COE (14-Jun-2006 00:21)

NEW Indonesia Center of Excellence in Disaster Management and Humanitarian Assistance (COE-DMHA)

http://www.coe-dmha.org

PDMIN - COE (13-Jun-2006 03:19)

NEW Indonesia Central Java Earthquake Update 061206 - Center of Excellence in Disaster Management and Humanitarian Assistance (COE-DMHA)

http://www.coe-dmha.org

Attachments

X EDIT NOREPLACE [icon] → Indonesia Central Java Earthquake Update 061206

PDMIN - COE (13-Jun-2006 00:27)

NEW Indonesia Central Java Earthquake Update 060906 - Center of Excellence in Disaster Management and Humanitarian Assistance (COE-DMHA)

http://www.coe-dmha.org

Attachments

X EDIT NOREPLACE [icon] → Indonesia Central Java Earthquake Update 060906

PDMIN - COE (9-Jun-2006 00:21)

NEW Indonesia Central Java Earthquake Update 060806 - Center of Excellence in Disaster Management and Humanitarian Assistance (COE-DMHA)

The image shows a screenshot of a web-based discussion interface. At the top, there is a 'New comment' text area and an 'E-mail notify' checkbox with a 'Submit' button. Below this is a 'Discussion overview' section. A red box labeled 'New comments by users' points to the 'New comment' area. Below that is an 'SMS (use only for urgent alert)' input field. A red box labeled 'Option to send comment by SMS or e-mail' points to this field. The main part of the page is a 'Comments' list. Each comment entry includes a header with a date and time, a subject line starting with 'NEW', and a URL. A red box labeled 'User comments & file attachments' points to the first comment entry. Below each comment is an 'Attachments' section with a list of files and their names. The interface includes various icons for actions like 'ADD FILE', 'LINK WEBSITE', 'EDIT', and 'X'.

Challenges Ahead

- Establishment of GDACS Focal Points
 - Raise awareness
 - Provide information through Virtual OSOCC
 - Assist in defining standards
- Revision of reporting standards
 - Quality and quantity of priority needs
 - Pledged and deployed resources
 - Timeliness
- On-line simulation exercises
 - Practice information exchange procedures
 - National and international disaster managers
 - From disaster event until arrival of international assistance

Thank you

