

Early Warning and Humanitarian action

*WMO Expert Symposium on Early warning
05-07 Mai 2009*

For every child
Health, Education, Equality, Protection
ADVANCE HUMANITY



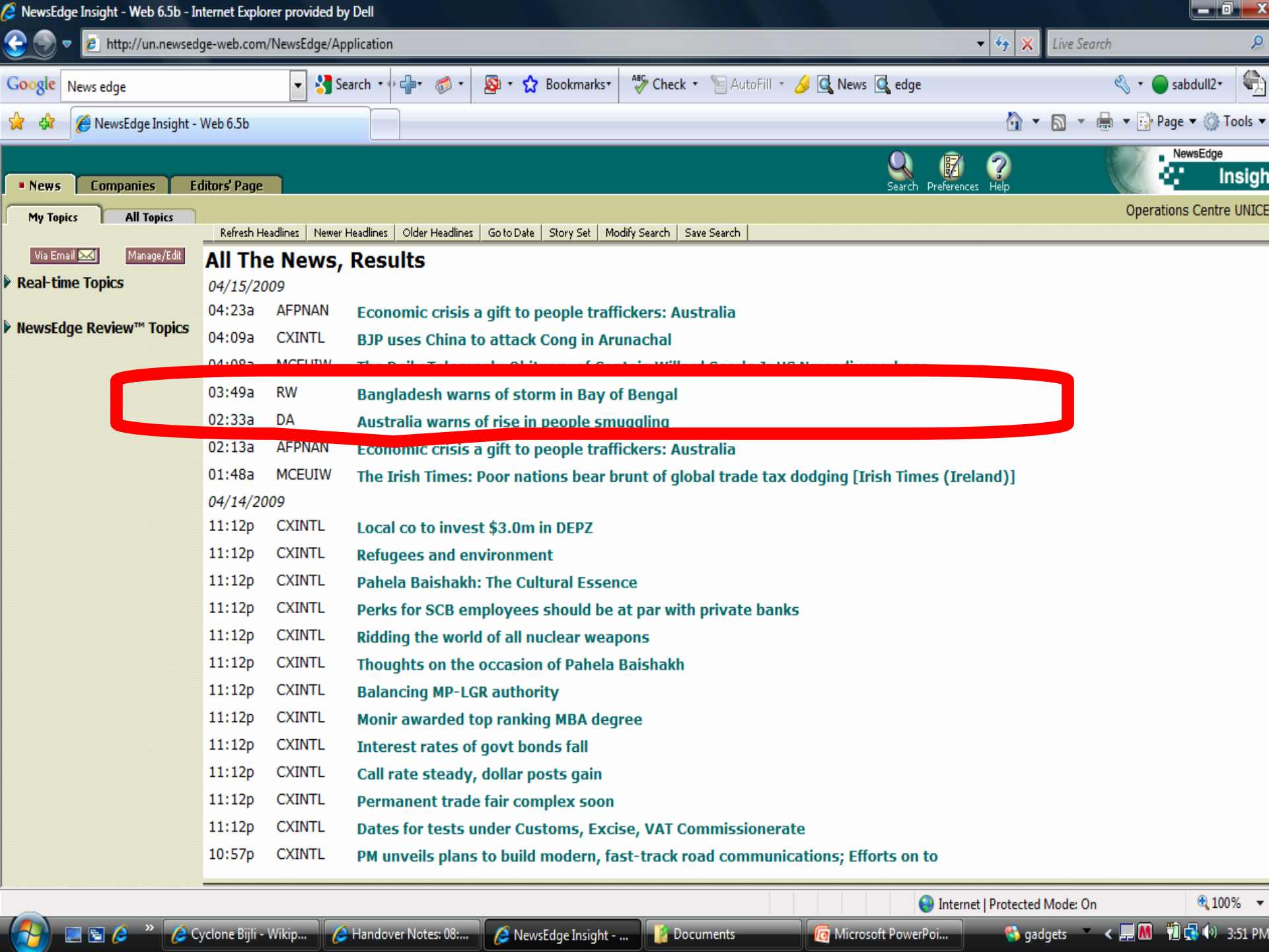
UNICEF EARLY WARNING

- Global Level - Global Tracking; information sharing and preparedness guidance to Country Offices
- Regional Level - Early Warning and Preparedness guidance and support to Country Offices
- Country Level – Early Warning and Preparedness (internal and with partners-including national and inter-agency partners)

OPSCEN

OPSCEN- 24/7

- Information and News Services (e.g. News Edge)
- Services subscribe to: Global cloud Map-gebweather, GDACs, Guiweather tropical storms, NOAA service weather, Tropical Storm Risk – all of which allow live feed into Google Earth



All The News, Results

- 04/15/2009
- 04:23a AFPNAN [Economic crisis a gift to people traffickers: Australia](#)
- 04:09a CXINTL [BJP uses China to attack Cong in Arunachal](#)
- 04:08a MCEUIW [The Irish Times: Poor nations bear brunt of global trade tax dodging \[Irish Times \(Ireland\)\]](#)
- 03:49a RW [Bangladesh warns of storm in Bay of Bengal](#)
- 02:33a DA [Australia warns of rise in people smuggling](#)
- 02:13a AFPNAN [Economic crisis a gift to people traffickers: Australia](#)
- 01:48a MCEUIW [The Irish Times: Poor nations bear brunt of global trade tax dodging \[Irish Times \(Ireland\)\]](#)
- 04/14/2009
- 11:12p CXINTL [Local co to invest \\$3.0m in DEPZ](#)
- 11:12p CXINTL [Refugees and environment](#)
- 11:12p CXINTL [Pahela Baishakh: The Cultural Essence](#)
- 11:12p CXINTL [Perks for SCB employees should be at par with private banks](#)
- 11:12p CXINTL [Ridding the world of all nuclear weapons](#)
- 11:12p CXINTL [Thoughts on the occasion of Pahela Baishakh](#)
- 11:12p CXINTL [Balancing MP-LGR authority](#)
- 11:12p CXINTL [Monir awarded top ranking MBA degree](#)
- 11:12p CXINTL [Interest rates of govt bonds fall](#)
- 11:12p CXINTL [Call rate steady, dollar posts gain](#)
- 11:12p CXINTL [Permanent trade fair complex soon](#)
- 11:12p CXINTL [Dates for tests under Customs, Excise, VAT Commissionerate](#)
- 10:57p CXINTL [PM unveils plans to build modern, fast-track road communications; Efforts on to](#)

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04/15/2009 03:49:56

Bangladesh warns of storm in Bay of Bengal

Source: Reuters World Service Date: April 15, 2009

DHAKA, April 15 (Reuters) - **Bangladesh** advised ports to hoist cautionary signals and asked all fishing boats and trawlers not to venture into deep seas as a tropical storm brewed in the Bay of Bengal, the meteorological department said on Wednesday.

The storm packing winds up to 50 km (31 miles) was 1,135 km (710 miles) southwest of the country's main Chittagong port at 0000 GMT.

"It (the storm) is likely to intensify and move in a northwesterly (towards the Indian coast) direction," said a statement from the **Bangladesh** Meteorological Department.

Storms batter the poor south Asian country every year. Cyclone Sidr ravaged its coasts last November, killing nearly 3,500 people and displacing some two million.

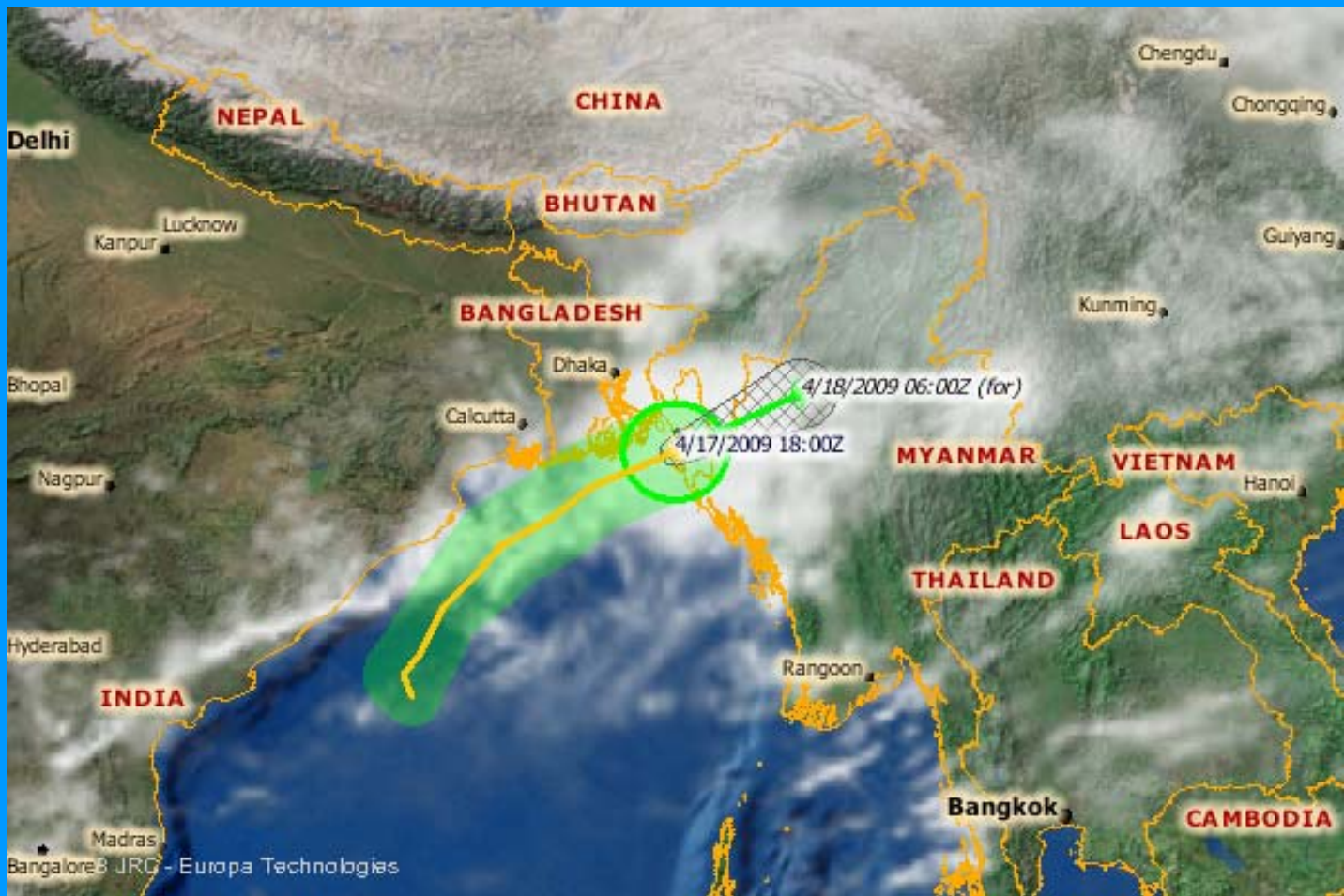
(Reporting by Nizam Ahmed; Editing by Sugita Katyal)

RWviaNewsEdge

:SUBJECT: BANG WEUS WSTE COMM PACF

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Received by NewsEdge Insight: 04/15/2009 03:49:56

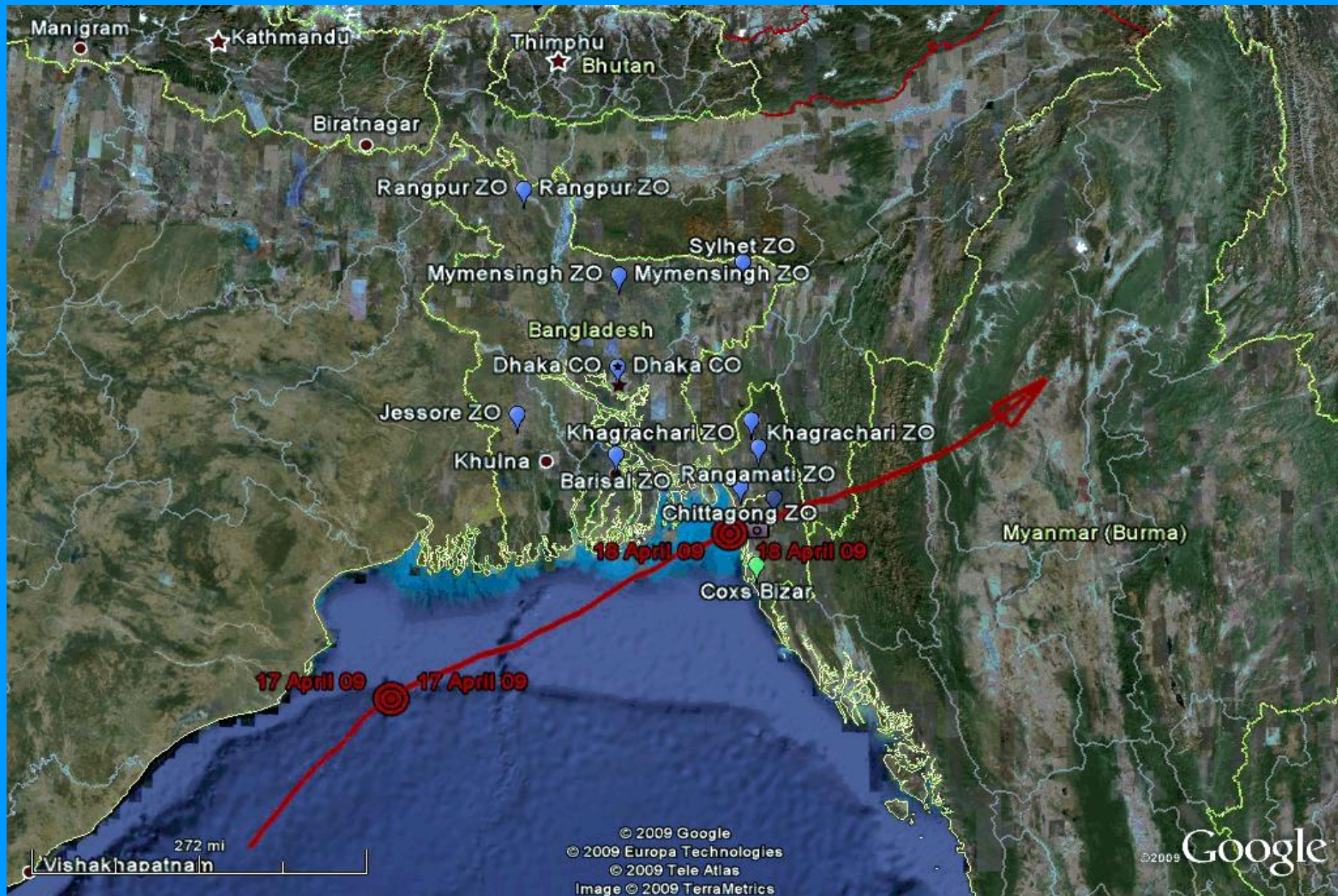
(The Global Disaster Alert and Coordination System - GDACS) Green Tropical cyclone alert in Bangladesh, Myanmar, India



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Tracking storm (live feed) through Google Earth



Example of Alert to Action

- Cyclone Gonu in 2007- One of the most powerful storms in Arabian Peninsula.
- CO had limited capacity in surveillance and preparedness.
- OPSCEN contacted CO with information collected from MET services and informed CO 72 hours before event. Upon OPSCEN alert and follow-up with CO, the OIC immediately contacted government counterparts.
- Result: UNICEF and other UN agencies work with government in evacuation of 20,000 people in at risk areas

Early Warning Early Action

UNICEF's Emergency Preparedness and Response System



- GLOBAL
- CEE/CIS RO
- EAPRO
- ESARO
- MENARO
- ROSA
- TACRO**
- WCARO
- HQ
- Emergency
- Help
- Emergencies Home

- Home
 - EARLY WARNING**
 - KEY ACTIONS
 - PREPAREDNESS
 - RESPONSE
- Search

- CO/RO/HQ DOCUMENTS**
- EPRP, BCP, Sec. Plans
 - IACPs
 - Sitreps
 - Appeals
- EW/NEWS/MAPS SOURCES**
- Early Warning Resources
 - Latest Emergency News
 - Latest Emergency Maps
- EMERGENCY GUIDANCE**
- Key Guidance
 - Guidance/Templates
 - Suggested Preparedness
 - Technical Support/Contacts

- CUSTOMIZED REPORT**
- SUBSCRIBE TO WEEKLY REPORT (SENT VIA EMAIL)**

Guyana - Early Warning

Print this page

Current emergency risk assessment

[Previous emergency risk assessments](#)

High risks in EPRP Country Profile to which UNICEF will respond

Confirmed on 03/06/2009. Submitted by Ian David Jones. Next Assessment to be done on 08/16/2009

[Check external early warning sources](#)

| IMMEDIATE THREATS | MEDIUM TERM THREATS | SUDDEN THREATS |
|--|---|--|
| (New or increased emergency response likely to be required in the next three months) <i>March 2009 to June 2009</i> | (New or increased emergency response likely to be required in the next four to twelve months) <i>July 2009 to March 2010</i> | (New or increased emergency response likely to be required suddenly without warning e.g. earthquake) |
| Level(I)-CO/Sub-office capacities likely sufficient to respond | (II)-Additional support likely required | (III)-Massive mobilization likely required |
| 1. Extreme weather, Level I | 1. Flood/Landslide, Level I | 1. Flood/Landslide, Level II 2. Civil unrest, Level I |

Potential threats and projected humanitarian consequences
 (Focus on CCCs and cluster leadership sectors)

UNICEF Country Programs

DRR programmes including early warning and preparedness :

- Disaster Risk Education(e.g. Madagascar)
- School Early Warning and Preparedness (e.g. Philippines)
- Recovery Planning(e.g. Myanmar)

Risk Education

Madagascar

- Development of education material
- Training of Trainers of Central-level Ministry of Education on disaster risk reduction, Training of Decentralised Education Officials, Training of Teachers
- Simulations



School EW and Preparedness

Philippines

- Youth led mapping of risks and disaster preparedness; school based early warning systems(including school based weather monitoring); use of signals /alarm bells in evacuation drills.
- Contributing to the strengthening the capacity of the Department of Education in disaster risk reduction and preparedness by developing DRR (Disaster Risk Reduction) manuals and piloting the training of children and teachers on DRR in selected schools



Training of School Children



Recovery

Myanmar – Post-Nargis Recovery and Preparedness Plan, Gov of Myanmar with support of the UN system

Main DRR priorities:

- Communities and institutions better able to disseminate and act on early warnings, through an ‘end-to-end’ early warning system:
 - Local level early warning systems will be strengthened, with multi-communication systems (radio, local administration’s communication systems, and monastery loudspeakers).
 - Early warning teams at the community level will target the protection of the most vulnerable.
 - Mock drills organized.



Way Forward

- Increased programmes with national governments in DRR (including early warning)
- Increased focus on risk assessment, including vulnerability identification
- Increased partnerships with stakeholders (eg. NHMS services), inter-agency systems (e.g. ISDR Platforms)
- Increased global partnerships (e.g. WMO expert group, IASC EWEA group).

Conclusion

- People Centered Early Warning- participatory
- Links with national & Inter-agency EW systems- for better national response and international response to crises.