Global Data Sources and Data Preparedness
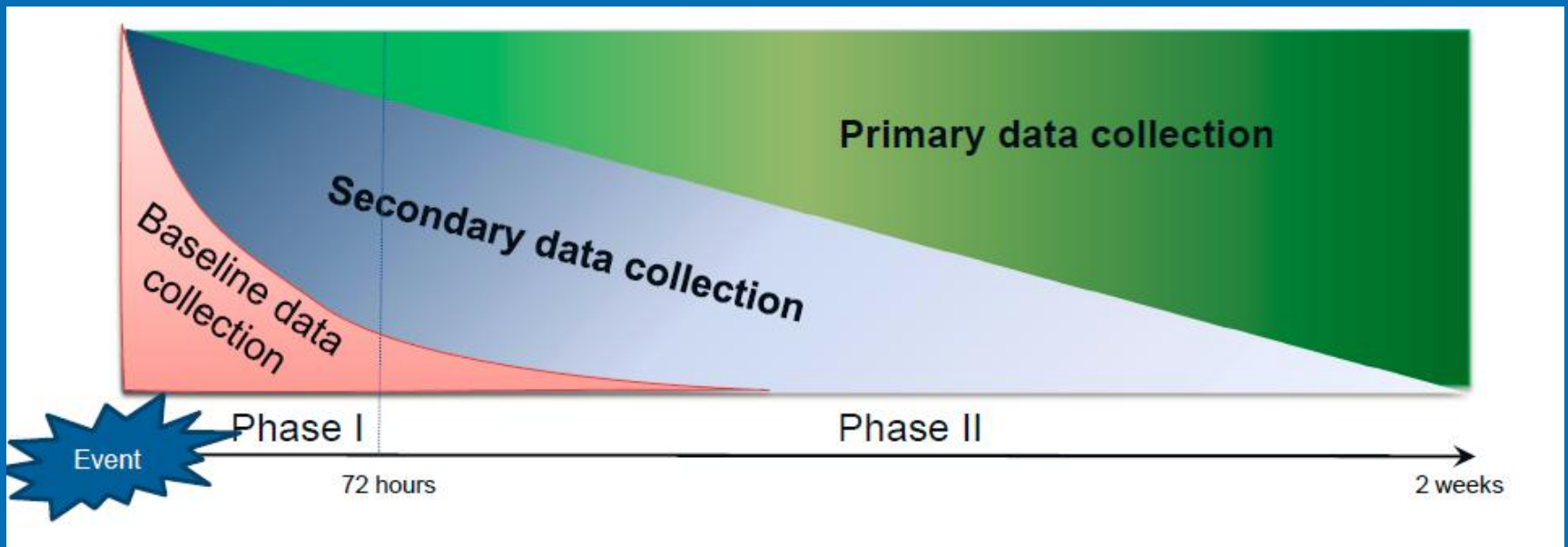
Beijing – 22 Nov 2011

OCHA
Regional Office for Asia-Pacific

Sources of data during the course of an emergency

Common Operational Datasets

Dataset	Mandatory Data Characteristics
Humanitarian Profile (disaggregated by admin level and populated place)	-Internally Displaced -Non-displaced affected -Host family/resident community affected -Refugee -Dead -Injured -Missing
Population Statistics	-Total population by admin level (Individuals) -Total population by admin level (Number of Households) –- - Age -Sex -Average family size by admin level -Unique identifier
Administrative Boundaries (Geographic) admin level 1, 2, 3, 4	-Unique identifier (P-Code) -Name
Populated Places (Geographic)	-Unique identifier (P-Code) -Names -Size classification -Population statistics -Status if capital of administrative division -Type (Village, spontaneous settlement, collective center, planned settlement)
Transportation Network (Geographic)	-Roads (Classified by size) -Railways -Airports/helipads -Seaports
Hydrology (Geographic)	-Rivers (Classified by size) -Water bodies
Hypsography (Geographic)	-Elevation -Resolution

Common operational datasets are predictable, core sets of data needed to support operations and decision-making for all actors in a humanitarian response.

Don't forget the FODs!

OCHA's COD Registry

http://cod.humanitarianresponse.info/

HumanitarianResponse

The Humanitarian Community
WebPortal

Common And Fundamental Operational Datasets Registry

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Latest announcements

Refugee locations related to the 2011 drought crisis
Mon, 07/18/2011 - 16:45
The locations of refugee camps associated with the 2011 drought crisis have been posted by UNHCR on the page for the country where the refugee camps are actually located. Check the FOD section of...

Read more...

Most Recent Changes To Common Operational Datasets

Liberia: River
rivers in and around Liberia
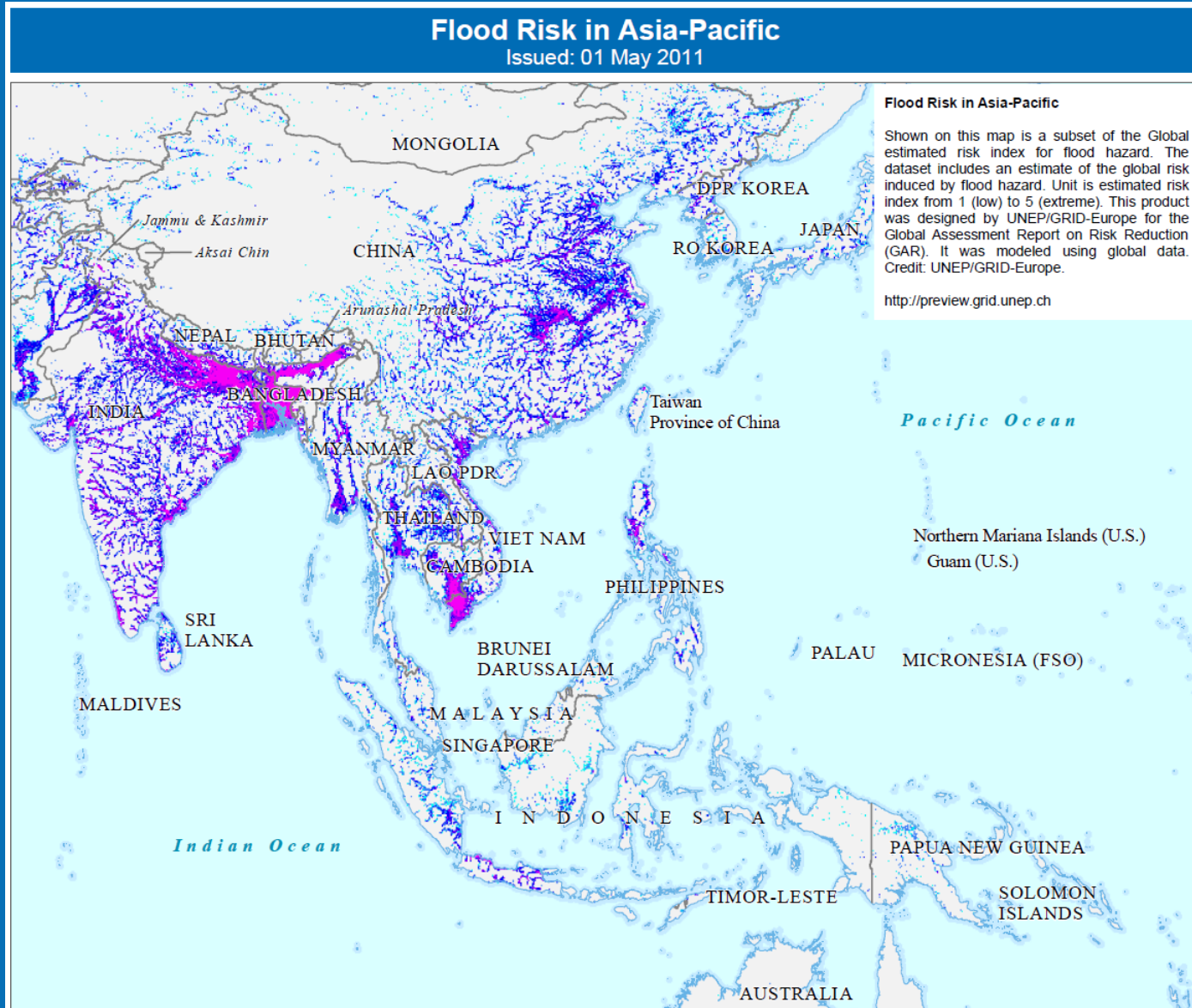Country/Region: Liberia

Liberia: Lakes
lake represents lakes in and around Liberia.
Country/Region: Liberia

Baseline/historical data on Hazards

Flood Risk in Asia-Pacific
Issued: 01 May 2011

Flood Risk in Asia-Pacific

Shown on this map is a subset of the Global estimated risk index for flood hazard. The dataset includes an estimate of the global risk induced by flood hazard. Unit is estimated risk index from 1 (low) to 5 (extreme). This product was designed by UNEP/GRID-Europe for the Global Assessment Report on Risk Reduction (GAR). It was modeled using global data. Credit: UNEP/GRID-Europe.

http://preview.grid.unep.ch

GAR – Global Assessment Report

Global Risk Data Platform

http://www.preventionweb.net/english/hyogo/gar/2011/en/what/rdp.html

Maps and **DATA**

- Cyclones
- Drought
- Earthquakes
- Fires
- Floods
- Landslides
- Tsunamis
- Volcanoes
- Multi-hazard

There are many other great sources of information on hazard mapping

Using Historical data

i.e. Historical Rainfall data (WORLDCLIM) and Historical Storm tracks (UNISYS)
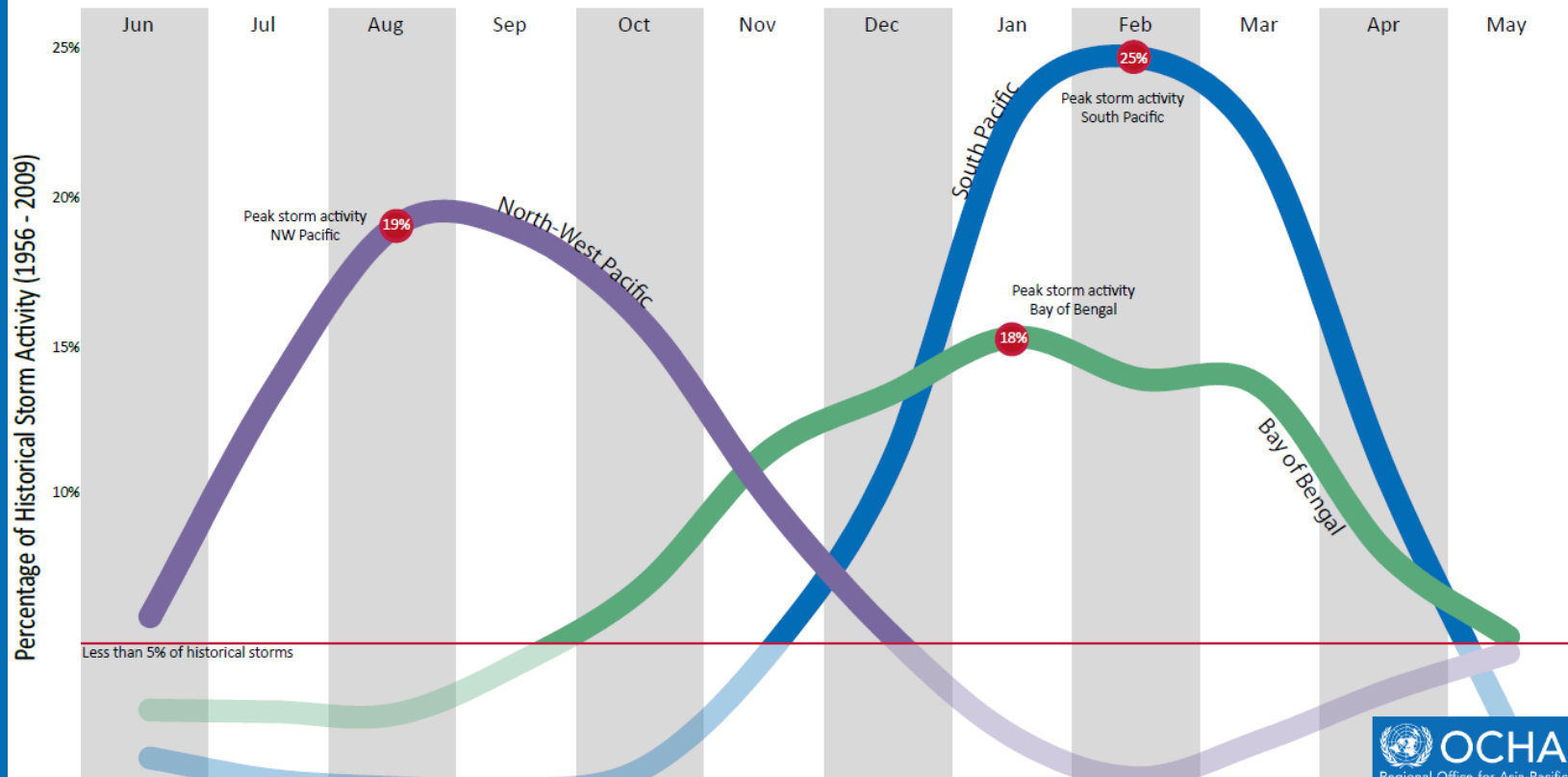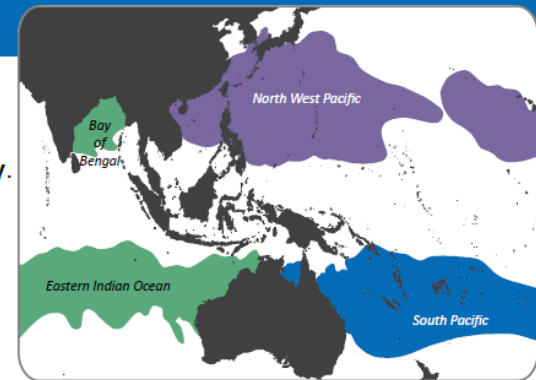
Doesn't have to be a map

What about Vulnerability?

Conflict
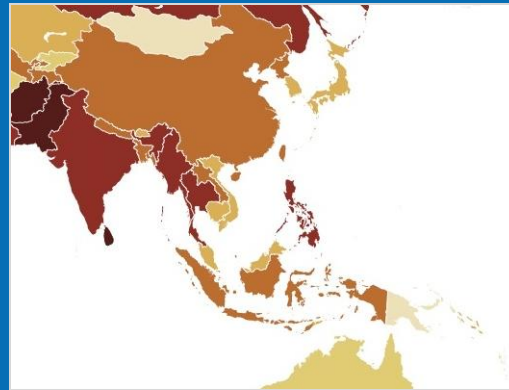
Heidelberg Institute for International Conflict Research

Poverty

World Bank
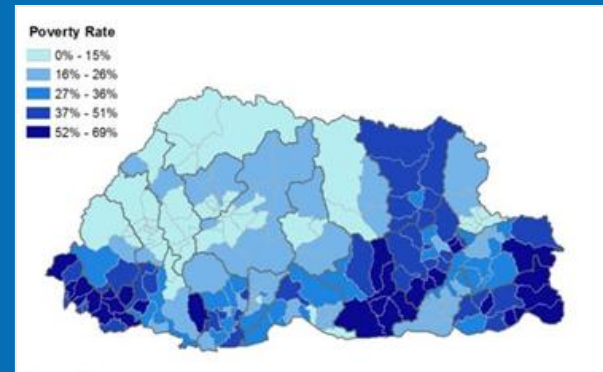
Displacement
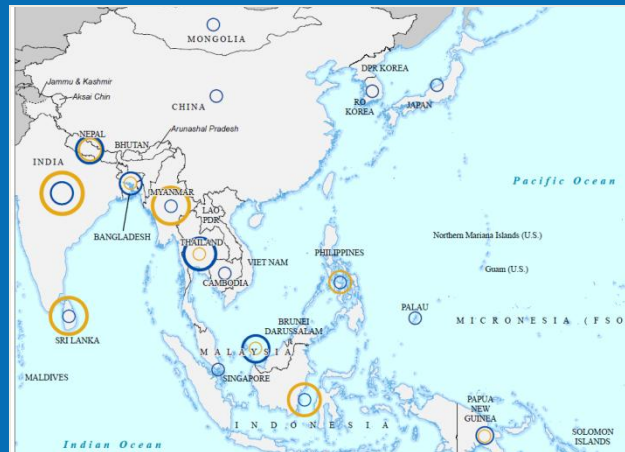
IDMC and UNHCR

Atlas for visualizing hazards
Metadata catalog
Alert system
www.pdc.org

Global Hazards Atlas

Is primarily a disaster alert system.

Notifies user of disaster according to user-defined criteria.

Assigns magnitude to events based on magnitude of the event and baseline data (population, resilience to natural disasters, proximity of key infrastructure, etc.)

Pulls information and maps from other sources.

www.gdacs.org

reliefweb

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🔊 Horn of Africa Crisis - 2011

Headlines

Direct aid transfer brings immediate benefits to the most poor and vulnerable

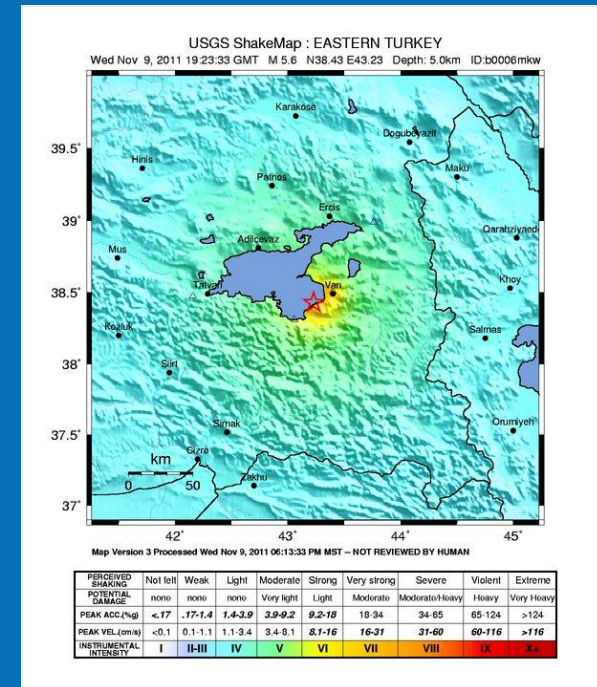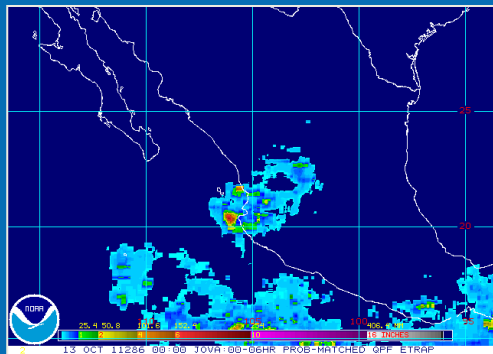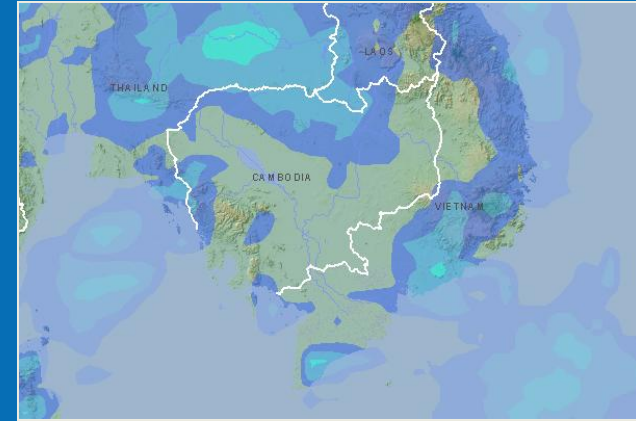Somalia: People fleeing to seek refuge following declarations of aerial strikes

Top UN officials stress need to boost protection of civilians in armed conflict

Mexico: Widespread rights abuses in 'War on Drugs' - Human Rights Watch report

Southeast Asia: New initiative seeks to strengthen fiscal resilience to natural disasters

En Honduras, las lluvias sacan a flote la pobreza y la vulnerabilidad

CAR: Number of displaced within the country decreased

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09 Nov 2011

Emergency Grants Manager (part-time)
09 Nov 2011

Emergency Response Field Manager (part-time)
09 Nov 2011

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TURKEY EARTHQUAKE

Turkey
Turkey Earthquake - Turkish Humanitarian Response (as of 23 October 2011)

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Somalia: Floods - Oct 2011

Cambodia: Floods - Sep 2011

Colombia: Floods and Landslides - Sep 2011

Kenya: Floods - Aug 2011

Pakistan: Floods - Jul 2011

Turkey: Earthquake - Oct 2011

Tropical Depression 12-E - Oct 2011

Viet Nam: Floods - Sep 2011

Thailand: Floods - Aug 2011

Afghanistan: Drought - Jul 2011

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📄 Report — Asian Human Rights Commission

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www.reliefweb.int

Thank you for your attention!

John Marinos

Information Management Officer

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