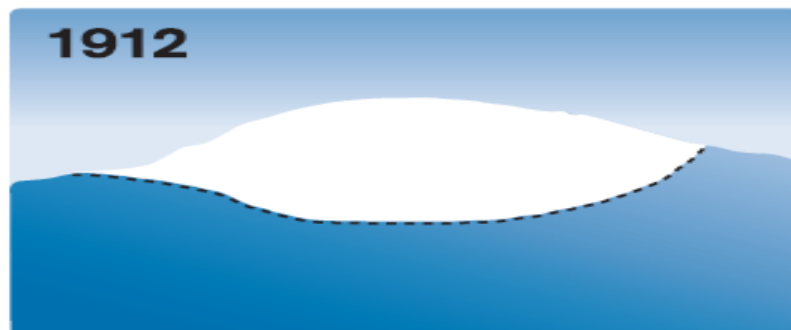


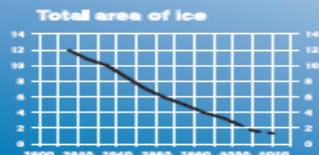
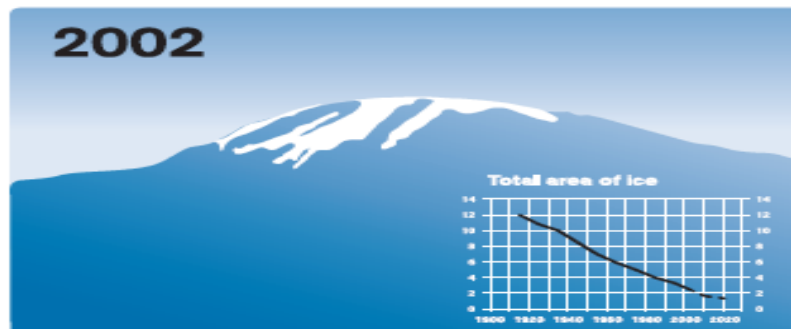


CLIMATE CHANGE ADAPTATION

The melting snows of Kilimanjaro



Glaciers  Ice  Estimated line



IFRC
West Central
Africa Zone

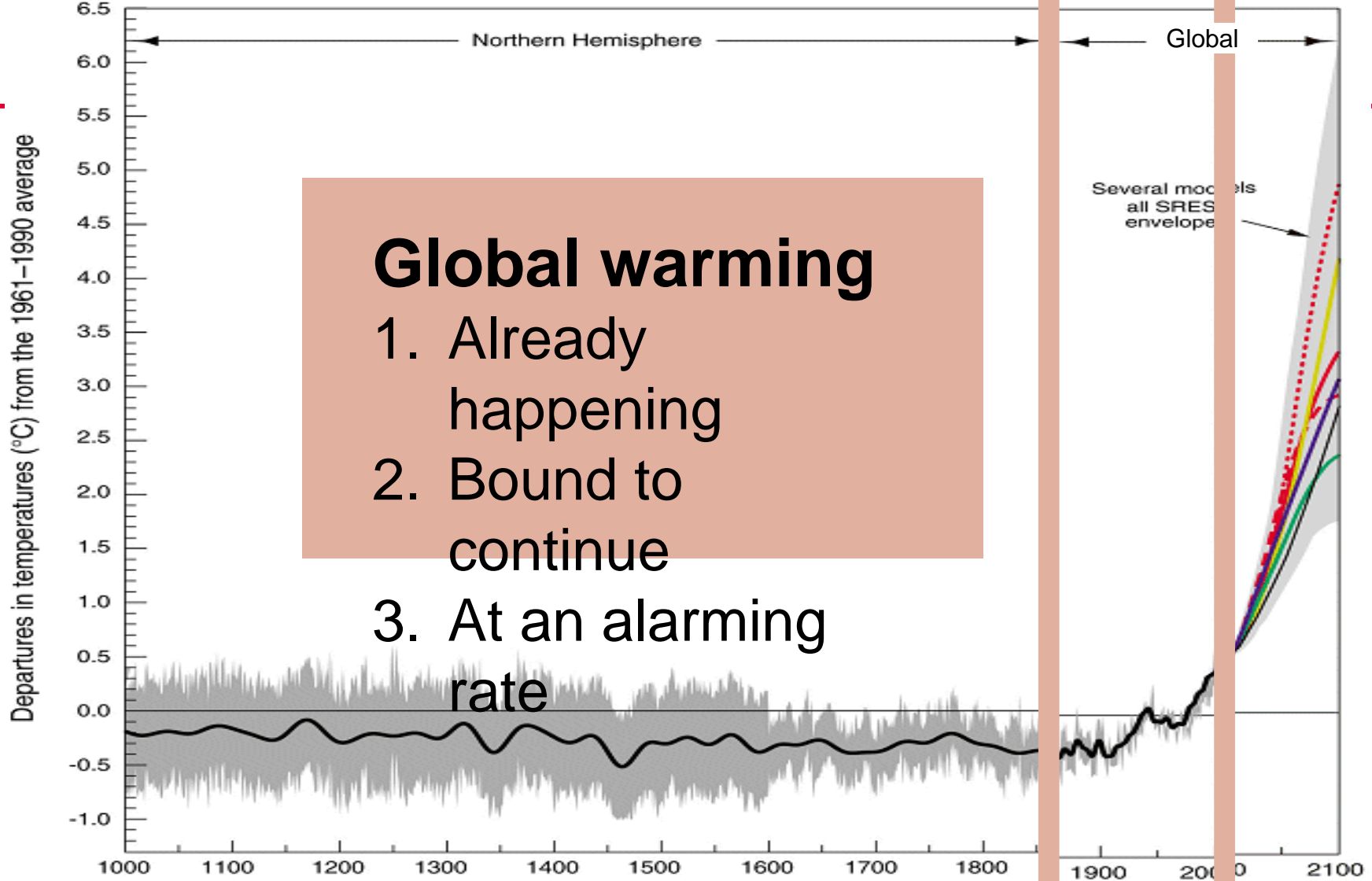
Youcef Ait-Chellouche
Disaster Management
Coordinator



1

2

3



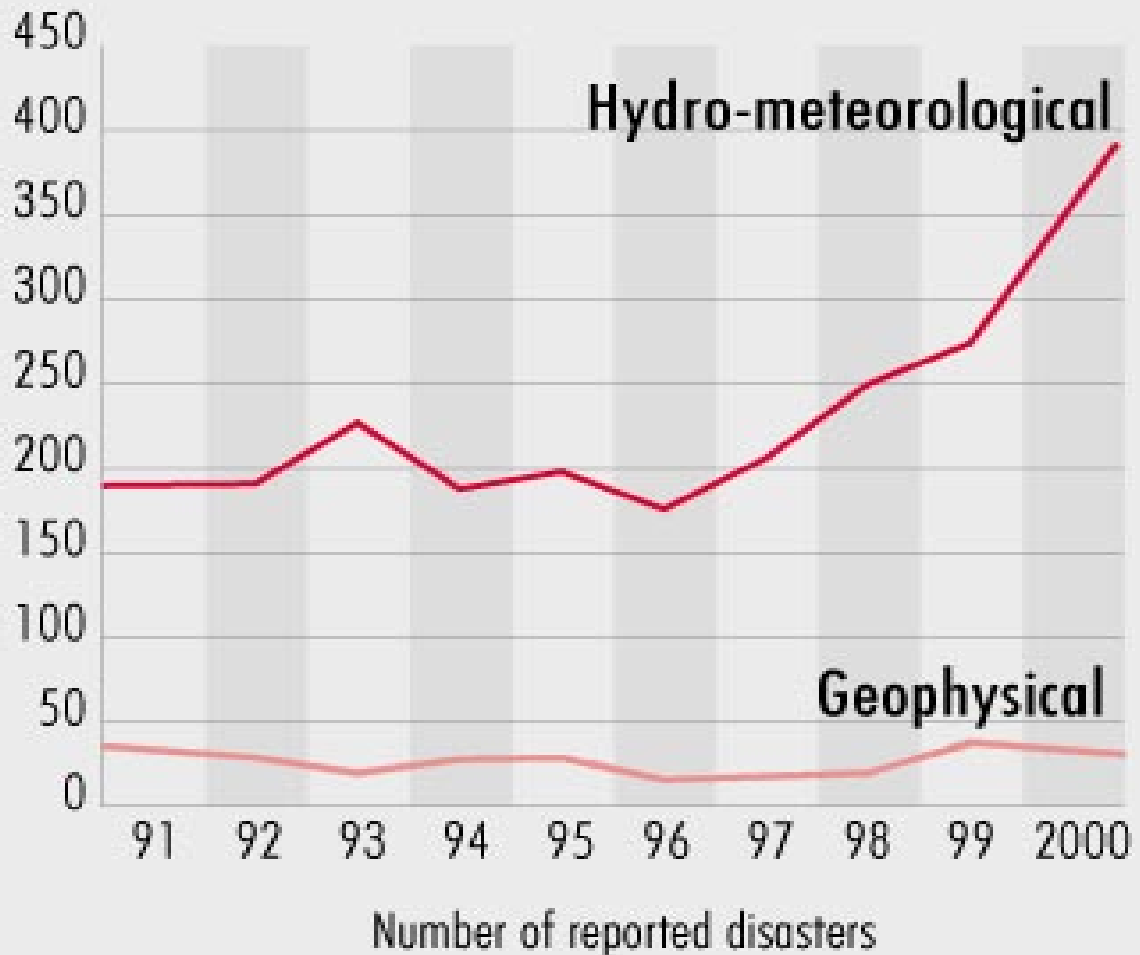
Global warming

1. Already happening
2. Bound to continue
3. At an alarming rate

Several models
all SRES
envelope



Increase of reported natural disasters is weather related



West Central Africa Vulnerability

- 150 million people in the region (40%) live below the poverty line of USD 1 per day and 275 million (72%) live on less than USD 2 per day.
- Seven of the ten countries with the highest under-five mortality rates in the world are located in this Zone.





Mitigation and Adaptation

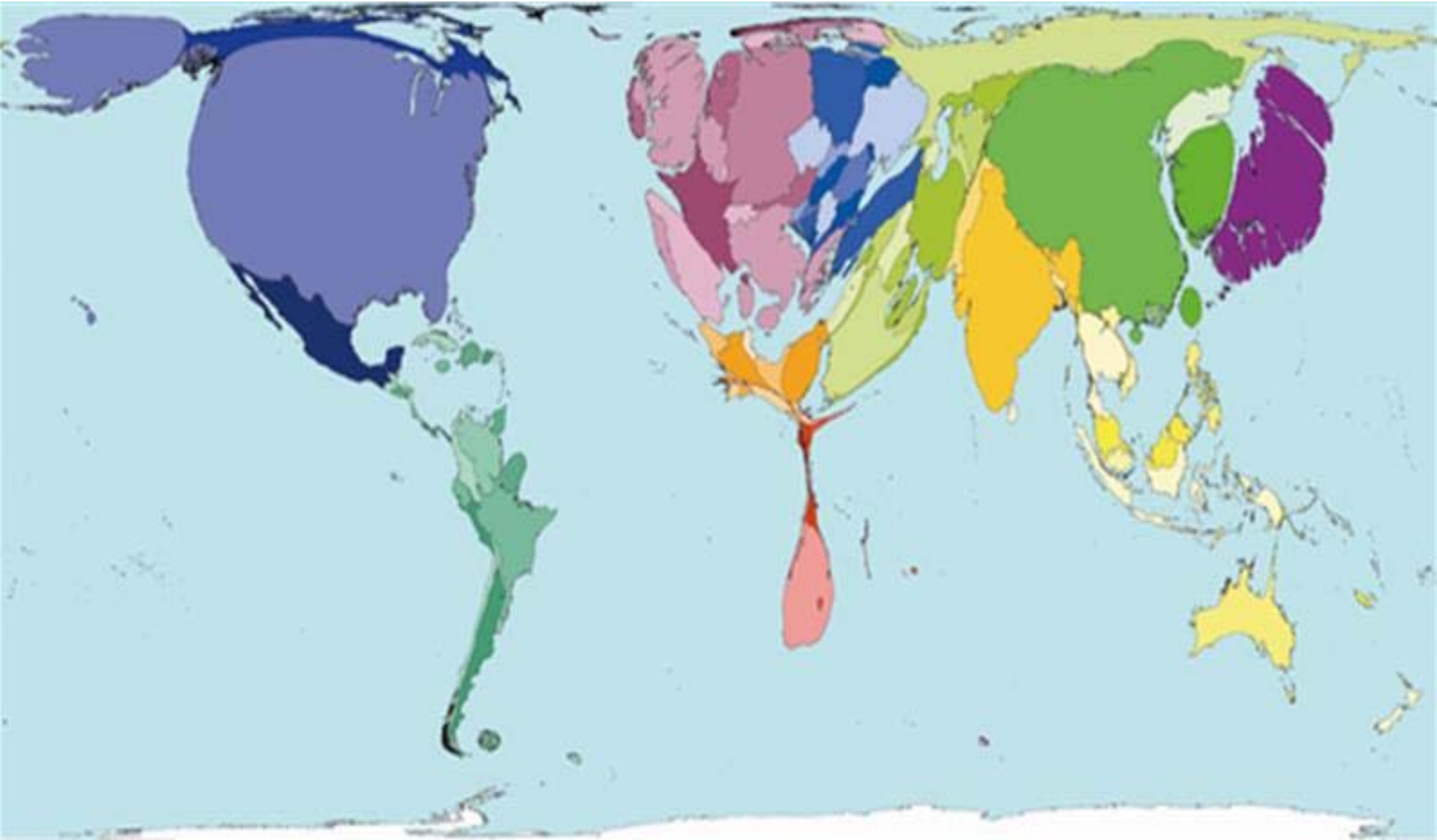
Share of global CO₂ emissions, 2004 (%)



Source: CDIAC 2007.

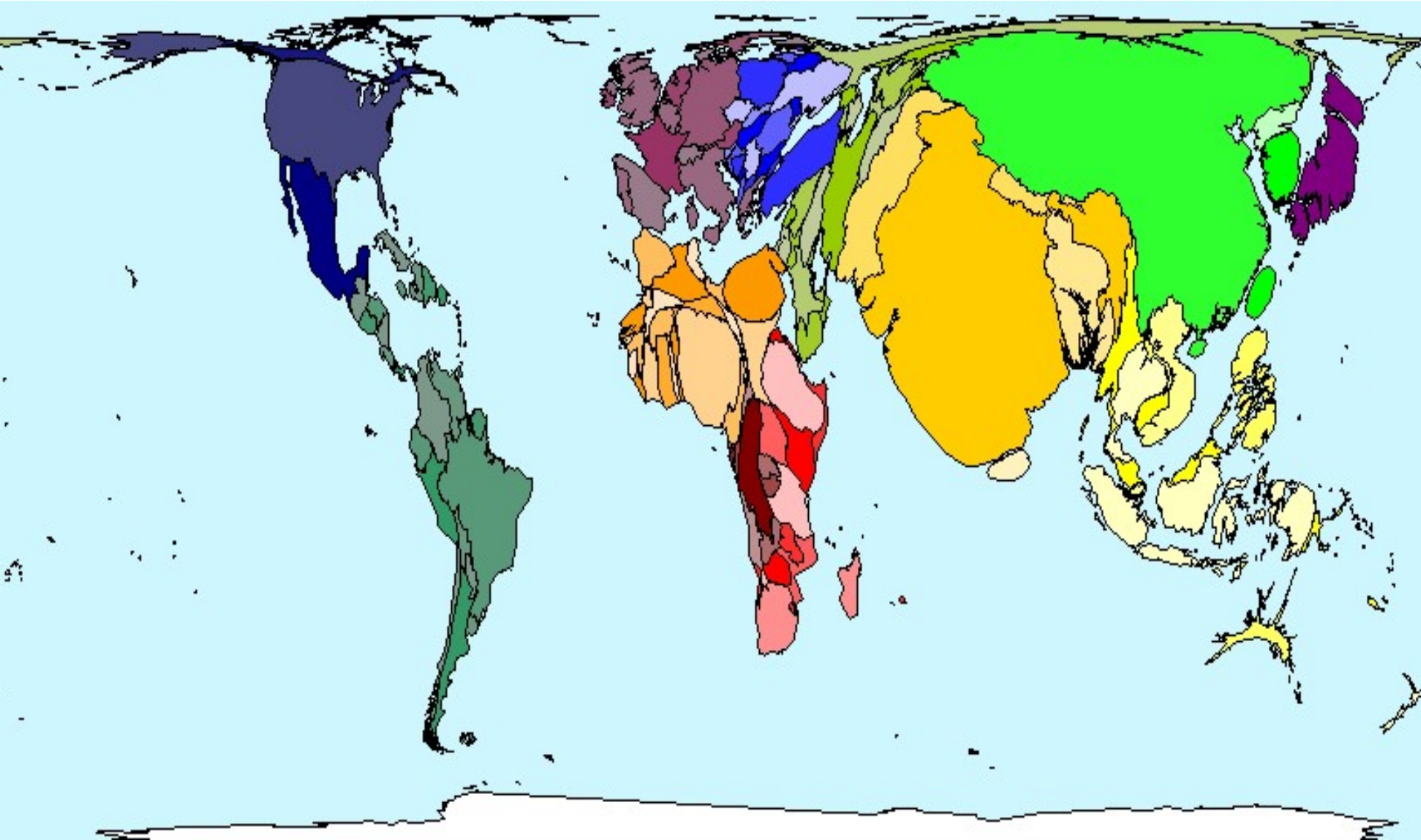


CO2 EMISSION





IMPACT

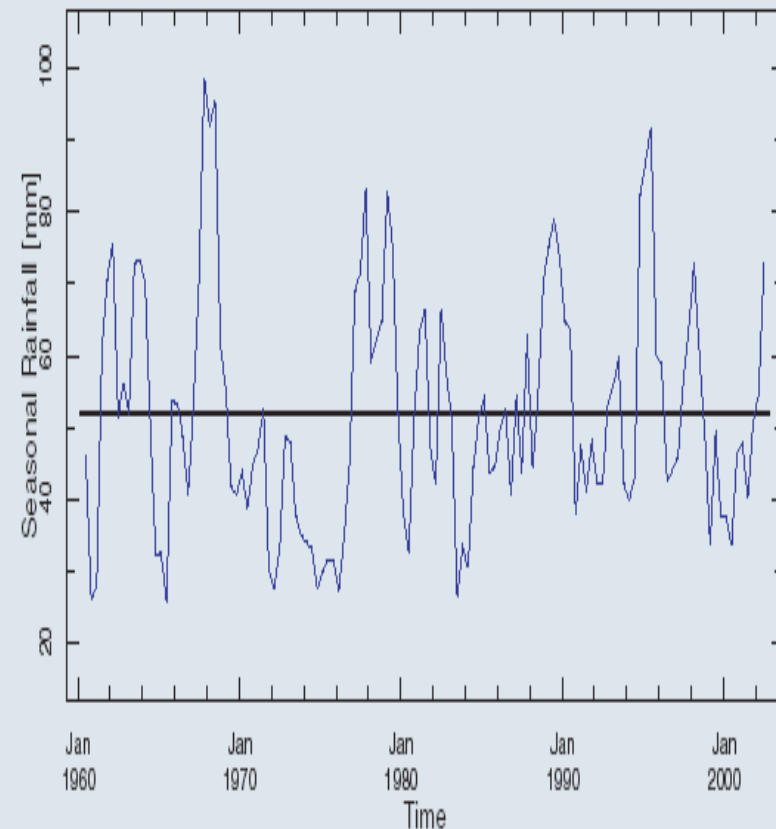




Consequences on communities

- Disruption of agriculture calendar – when to plant? when to harvest?
- More severity of disaster AND more vulnerability of community
- Flood (as drought) causes food insecurity
- Population movement: new migratory routes, prolonged stay, conflicts...migration and urbanisation
- Less knowledge and coping capacity to understand and to face new or unusual ways on how hazards impact community and-or their environment

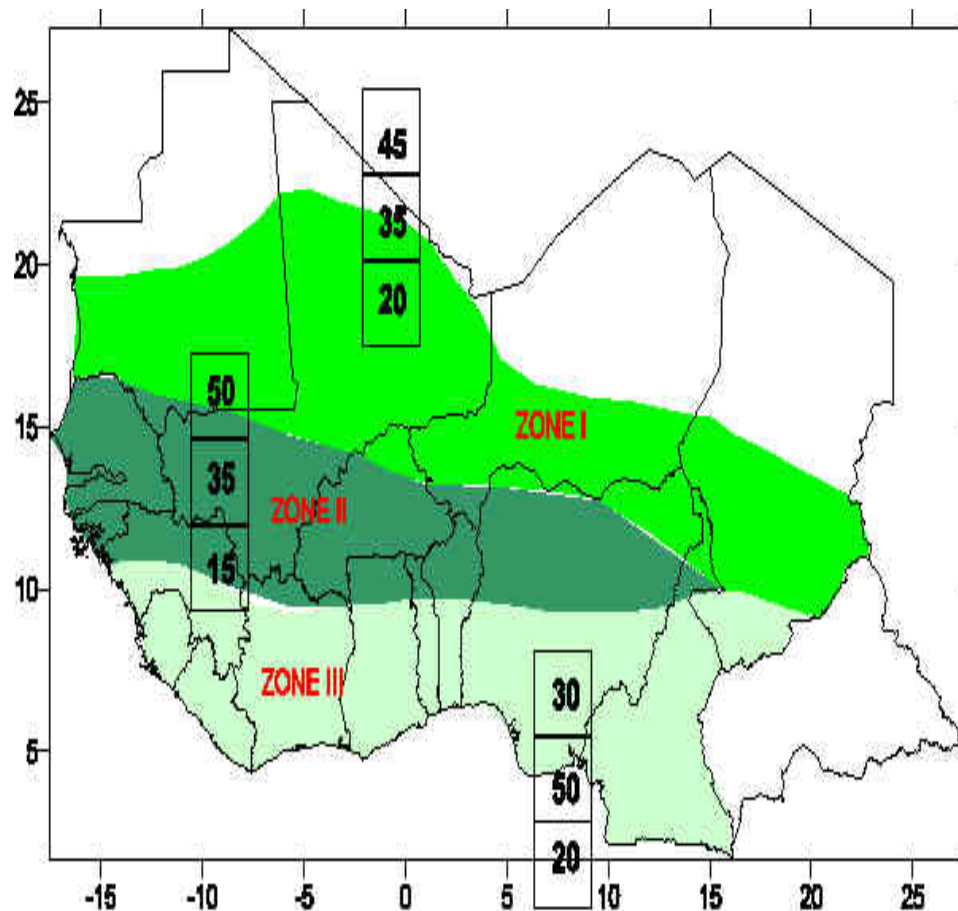
Southern Kenya





ACMAD: PREVISION SAISONNIERE VALABLE POUR JUILLET-AOUT-SEPTEMBRE 2008

- Emergency appeal based on climate predictions
- Training of RDRTs according to the country at risk (visas and insurance)
- Contingency stocks
- Early warnings – Volta river bassin





International Federation
of Red Cross and Red Crescent Societies

GFDRR
Global Facility for
Disaster Reduction and Recovery



South-South

Partnership Development Workshop
Delhi, India • October 29–31, 2008

Community-based climate adaptation:

Bridging knowledge and humanitarian work

in Burkina Faso and Senegal

Senegalese Red Cross

Burkinabe Red Cross

IFRC - West and central Africa Zone

Local Meteorological and Hydrology Services of
Senegal

Dept of Meteorology of Burkina Faso

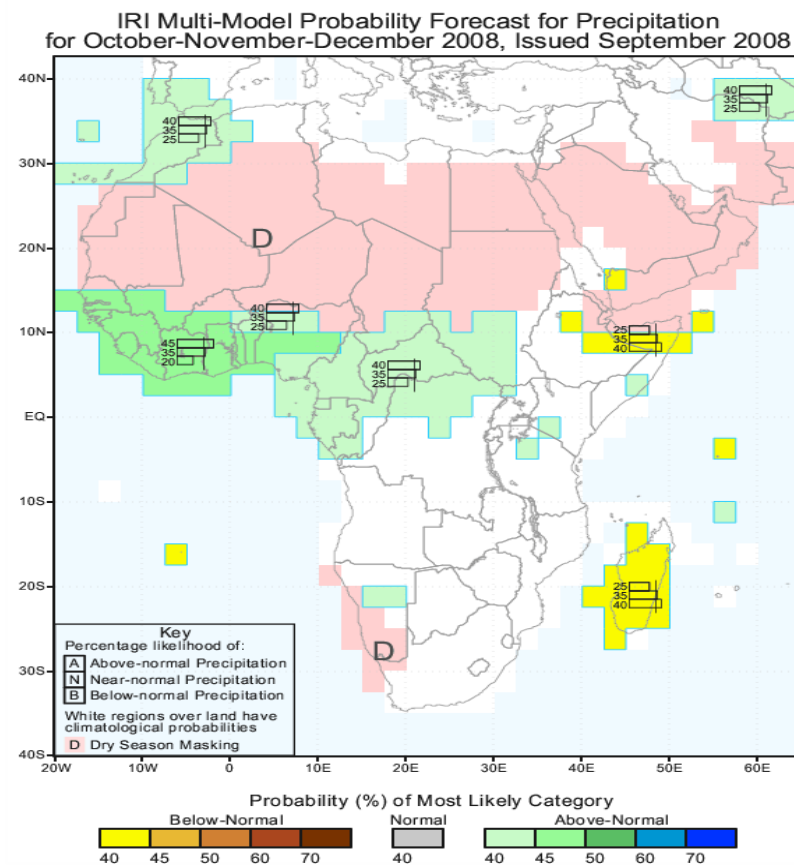
SOS Sahel

ACMAD, AGRHYMET

Reducing Vulnerability to Natural Hazards

All time scales are concerned

- Long-medium trend for long term DRR strategy
- Seasonal forecast for Disaster risk management and vulnerability reduction (FS).
- Short term forecast for EW/EA (for lifesaving and vulnerability reduction)





Climate change adaptation Strategies-Partnership

- At international level, UN, ISDR IFRC has taken this issue in the agenda in International conferences. (Poznan, Poland)
- At country level Climate change adaption strategies led by different actors and different issues (forestry, coastal risks...)
- DRR was not perceived as a priority in country documents. **We need to reverse this trend.**



Learn and Prepare for COP15

- Learn from NAPA (Drought FP, Biodiversity FP, Mets FP....)
- Prepare NAPs in harmonised linked to DRR and poverty reduction
- Do not miss this important opportunity and ensure that climate change is integrated in DRR and address related vulnerabilities



Early warning > Early action

RC/RC Climate Centre - Microsoft Internet Explorer provided by IFRC

http://www.climatecentre.org/

RED CROSS/RED CRESCENT CLIMATE CENTRE International Federation of Red Cross and Red Crescent Societies The Netherlands + Red Cross

Home About us Programs Countries Information How to help Partners

Newsletter Your e-mail address: Submit

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The Netherlands
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Contact us

The Climate Centre supports the Red Cross and Red Crescent Movement and its partners in reducing the impacts of climate change and extreme weather events on vulnerable people.

The Climate Centre is based in the Netherlands but serves the whole Red Cross / Red Crescent Movement, in particular in developing countries. There is a close co-operation with the secretariat of the International Federation of Red Cross and Red Crescent Societies in Geneva.

NEW! The International Research Institute for Climate and Society opened a helpdesk for Red Cross/Red Crescent staff. They will provide assistance to the interpretation of observed and projected weather conditions relevant to Red Cross Red Crescent work. Contact the IRI helpdesk. Or have a look at the IIRC Forecast Map Room.

>> 21/01/09 Young researchers that have supported us

UNFCCC Climate Change Conference-Poznan
1-12 December 2008
News & background information
Early Warning > Early Action
News & background information
Preparedness for Climate Change Programme

Why humanitarian agencies should engage in CC-negotiations. FINAL.doc - Microsoft Word

File Edit View Insert Format Tools Table Window Documents To Go Help Adobe PDF Acrobat Comments Type a question for help

Hyperlink Arial 11 B I U

Final Showing Markup Show

OPINION BRIEF

Madeleen Helmer, Red Cross/Red Crescent Climate Centre
With Sarah La Trobe, Tearfund, and Silvia Llosa, UN International Strategy for Disaster Reduction secretariat

Why humanitarian agencies should get engaged in the UN climate change negotiations

By the end of 2009 in Copenhagen, the world's leaders will have agreed to a new deal to reduce greenhouse gases and to adapt to those consequences of climate change that we can no longer avoid. Negotiations are underway and will, among other issues, decide on mechanisms for distributing substantial funding. Humanitarian and disaster risk reduction organizations must be engaged in the coming months to ensure that the final deal will support disaster risk reduction and enable the most

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*Thank you for your
attention*

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www.ifrc.org

www.climatecentre.org